

### Foreword

Thanks for purchasing this vehicle.

This manual is applicable to X55 II models. Before using the vehicle for the first time, be sure to read this manual carefully and get familiar with the vehicle structure, various functions, usage and related regulations of our company. Any loss caused by failure to follow the instructions of the user manual or modification without the approval of the company will forfeit the right to claim compensation. The information contained in this manual would help you master the correct way of vehicle driving and maintenance, so that you can enjoy driving pleasure fully. Please keep it properly after reading.

This manual is intended to provide the user with instructions on the operation and maintenance of the vehicle. Please check the purchase contract for the specific configuration of your vehicle. If you have any questions about this vehicle and this manual, please contact the BAIC MOTOR franchised dealer.

The pictures, data and instructions contained in this user manual conform to the product definition at the time of compilation. In view of the company's continuous modification and improvement of vehicles, the pictures, data and instructions contained in the user manual are only for the introduction of the operation method, and are not used as the basis for order acceptance.

We will continue to improve all models. Therefore, please understand that we reserve the right to change a certain part of the vehicle, equipment or technical specifications at any time. Data relating to delivery, appearance, performance, dimensions, weight, fuel consumption, specifications and vehicle functionality are correct at the time of publication or marketing. Some of the equipment/features described in this document may not be available on your vehicle (please contact the BAIC MOTOR franchised dealer for details). All information, illustrations or descriptions in this manual are not to be regarded as legal commitments.

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The "press" in the text description of this manual indicates that the pressing time is less than 2 seconds and greater than or equal to 0.1 second, and the "press and hold" indicates that the pressing time is greater than or equal to 2 seconds and less than 1 minute.

The directions mentioned in this manual are vehicle driving directions.

BAIC International Development Co., Ltd.

July 2022

## Introduction

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### Notice

1. Be sure to carry out the vehicle maintenance in accordance with the Maintenance Schedule.
2. In order to adapt to the driver of different body sizes, the driving position should be adjusted as follows:
  - Seat front and rear adjustment, height adjustment, seat back inclination adjustment.
  - Adjust the position of the steering wheel.
  - Adjustment of the position of the inner and exterior rearview mirror.
3. Wearing seat belts is a necessary guarantee for the safety of the occupants of the car. Adults should wear seat belts correctly, and children should correctly select and use child restraint devices and seat belts in accordance with the relevant requirements in this instruction manual.
4. Inspection before driving:
  - Check whether the vehicle lamps work normally.
  - Check the cleanliness of windshield and rearview mirror, and working condition of wiper.
5. Check the viewing position of the rearview mirror.
6. Tire pressure and tire wear. The tire condition directly affects the power performance, economy and ride comfort of the vehicle, and also affects the driving safety. Please use and maintain the wheels (including spare wheel) as required. The tire pressure should be checked when the tire is cold.
7. Liquid level of oil, coolant, brake fluid, etc.
8. Battery condition.
9. Place the Start/Stop button into "RUN" mode to check each warning lamp.
10. The operation of engine :
  - Do not run the engine for a long time in a closed warehouse to prevent tail gas poisoning.
  - When the battery is in low battery power, the engine electronic control unit and starter will not work normally, and the engine will not start.
11. Brake:
  - When the engine is shut down, the vacuum booster device will not work, the brake pedal force will increase significantly and the braking efficiency will decrease greatly. Therefore, it is strictly forbidden to slide the vehicle when the engine is off.
  - Equipment automatic transmission vehicle, before leaving the vehicle, stop the vehicle first, set the gearshift lever to the "N" gear, apply the parking brake, and then set the gearshift lever to the "P" gear.
  - ABS can prevent wheel lock in case of braking on a slippery road or in emergency braking, which is conducive to stable driving direction, but you should still drive carefully.
12. Warning lamps on the instrument cluster:
  - If a red warning lamp (indicating, such as brake, oil, coolant temperature, etc.) lights up on the instrument cluster during driving, you should safely stop the vehicle as soon as possible, follow the instructions in this manual to check the vehicle, and if necessary, contact the BAIC MOTOR franchised dealer.

- If, during the drive, when a yellow warning light is lit on the instrument cluster, the vehicle should be inspected according to the instructions in this instruction manual, and if necessary, please contact the special dealership of BAIC MOTOR franchised dealer for maintenance.
9. Electrical accessories:
    - Any electrical accessories must be connected according to the specified wiring position and wiring method, please go to the BAIC MOTOR franchised dealer.
  10. This vehicle is equipped with catalytic converter. It is strictly forbidden to use leaded gasoline; otherwise the catalytic converter will be damaged.
  11. Tips on safety: follow the following important driving rules to help ensure the safety of the driver and occupants throughout the journey!
    - Follow the traffic rules strictly and drive safely.
    - Do not drive a vehicle after drinking or taking drugs.
    - Observe the speed limit signs and do not drive at excessive speed.
  12. Do not allow water to enter the instrument panel when applying film inside the front windshield. Do not put a wet umbrella or cup filled with liquid on the instrument panel when using the vehicle. Otherwise, the electrical components installed on the instrument panel may be damaged due to water ingress.
  13. No one shall modify, adjust or disassemble the vehicle components without authorization, for fear of vehicle malfunction or personal injury. Please go to the BAIC MOTOR franchised dealer to repair and refit the vehicle. BAIC MOTOR franchised dealer has the necessary tools, such as diagnostic scan tool, maintenance information and qualified personnel.

**Tip**

"DANGER", "WARNING", "CAUTION" and some special symbols will appear frequently in this manual. Please pay a special attention to them. Ignoring these warnings may cause personal injury or damage to your vehicle.



"DANGER" means that failure to follow the instructions is likely to cause serious personal injury or even death.



"WARNING" means that dangerous or unsafe operation will cause personal injury or vehicle damage.












"NOTE" gives useful information.

## Introduction

### Illustrations

The labels, logos and pictures in this manual are only for illustration and for reference only.

Identification	Indication
	"Do not do this" or "Do not let this happen".
	"Please follow this operation" or "This operation is feasible".
	To indicate an item in a diagram.
	
	
	
	Direction of operation or action.
	
	

The equipment/functions marked with "\*" are only applicable to some models or are optional parts or functions of some models. Please refer to the actual vehicle configuration.

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Vehicle exterior

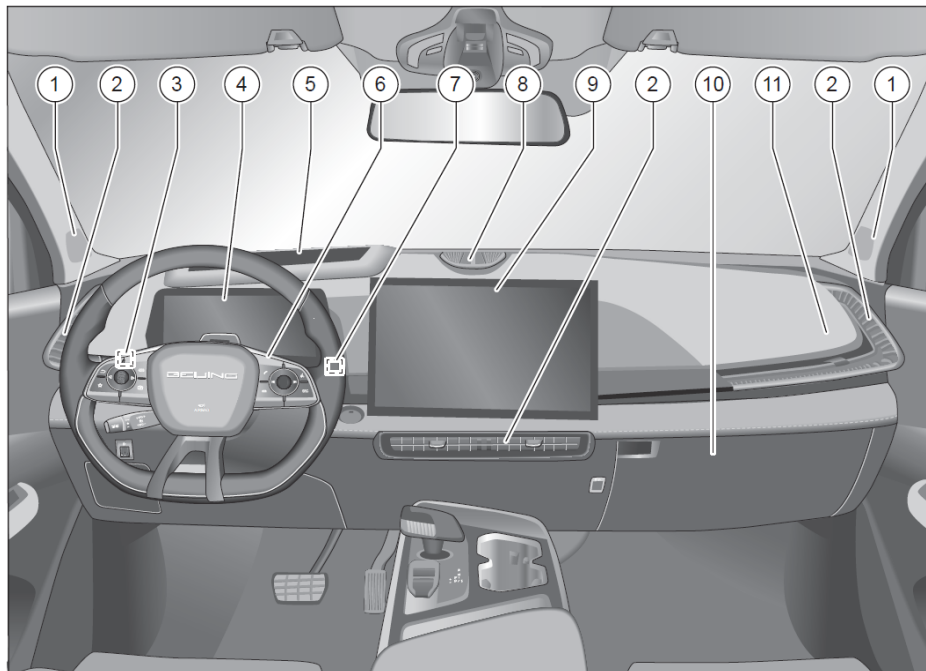


- 1. Lamps
- 2. Trunk lid
- 3. Engine hood
- 4. Wheel and tire
- 5. Door
- 6. Window
- 7. Electric exterior rearview mirror\*
- 8. Fuel filler flap

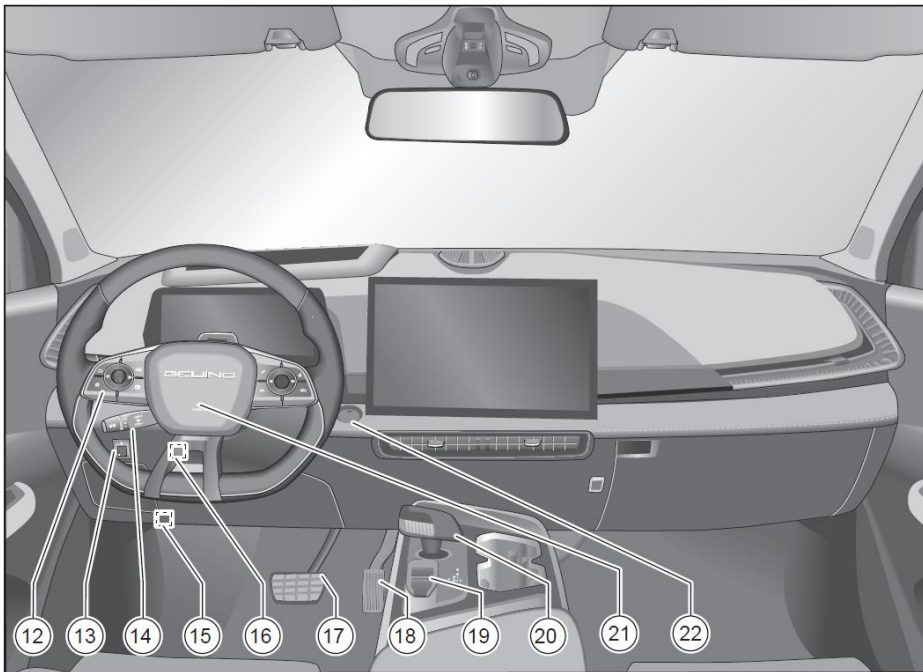
## Vehicle overview

### Vehicle interior

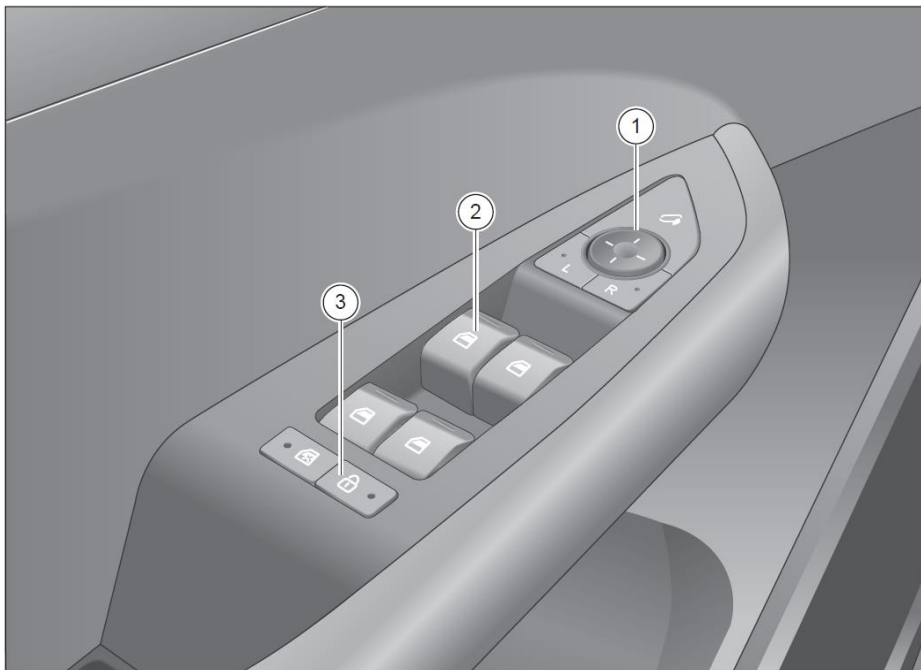
#### Instrument panel



1. High tone loudspeaker
2. A/C air outlet
3. Light combination switch
4. Instrument cluster
5. AR-head-up display\*
6. Multimedia control button
7. Combination switch of wiper
8. AI interactive light\*
9. Center control display
10. Glove box
11. Front line passenger frontal airbag

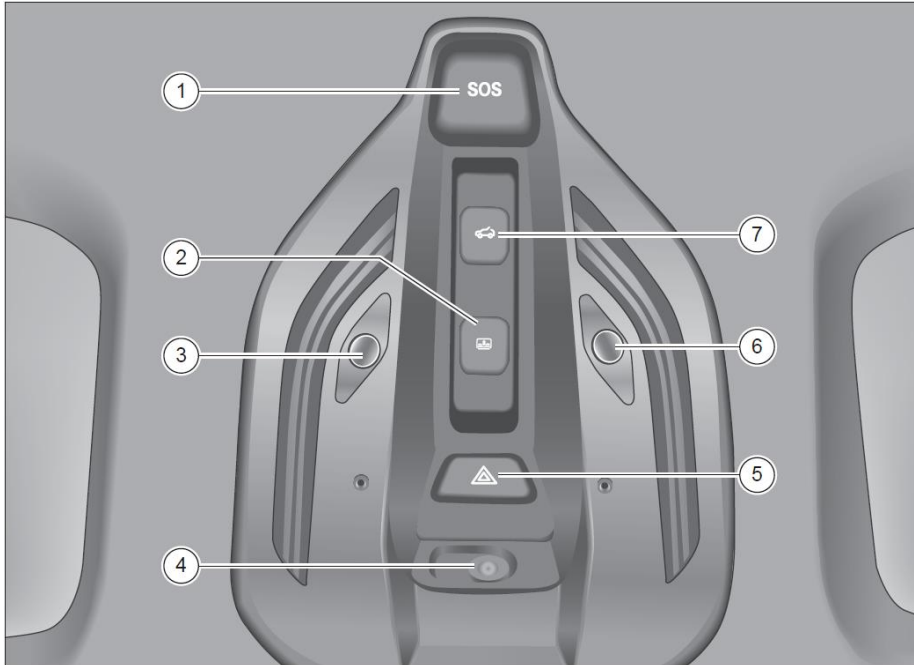


- 12. Instrument control button
- 13. ALS switch
- 14. Adaptive/cruise control lever\*
- 15. Engine hood release handle
- 16. Steering wheel adjustment lock lever
- 17. Brake pedal
- 18. Accelerator pedal
- 19. EPB switch
- 20. Gearshift lever
- 21. Driver frontal airbag
- 22. Start / stop button



1. Rearview mirror adjustment switch
2. Electric window control switch on driver side
3. Central locking button

Top control button



1. Emergency rescue (SOS) button\*
2. Sunshade switch
3. Reading lamp on driver side
4. Indoor camera\*
5. Hazard warning lamp switch
6. Reading lamp on front passenger side
7. Sunroof switch

## Preparation before trip

---

### Inspection before driving

It is best to carry out a safety inspection before driving. A few minutes of inspection will help to drive safely. You only need to be familiar with all parts of the vehicle and observe carefully to perform these inspections.

#### Before starting the engine

Exterior of the vehicle:

- Tire:

Check the tire pressure and check tires for cuts, damage or excessive wear and bulge.

- Lamps:

Make sure that the headlamp, brake lamp, backup lamp, turn signal lamp and other lamps are all in good working order. Check the beam direction of the headlamp.

- Wheel nut:

Ensure that no nut is missing or loose.

In the engine compartment

- Fluid level:

Ensure that the level of all fluids of the vehicle, such as engine oil, coolant, brake fluid, etc., are normal

- Condition of battery and cable:

Check the battery housing for cracks, the terminal posts for corrosion or looseness, and the cable connections for good condition. Interior of vehicle:

- Check and confirm that the tongue and buckle can be fastened securely. Ensure that the seat belt is not worn or damaged.

- In particular, make sure that the instrument cluster indicator lamp and the defrosting/defogging function work normally.

- Check and ensure that the pedal has enough free travel.

### After the engine is started

Before driving:

- oil/fluid leakage:

After the vehicle is parked for a moment, check the underside for leaks of fuel, oil, or other fluids. Dripping after the use of the A/C is a normal phenomenon. During driving:

- Instrument cluster:

Make sure the red and yellow warning lamps on the instrument cluster are not on.

- Brake:

Provided that safety is ensured, drive at a low speed, step on the brake pedal, check whether the brake is reliable, and check that the vehicle will not deviate, and the brake has no abnormal noise.

- Noise:

Check the vehicle for abnormal noise.



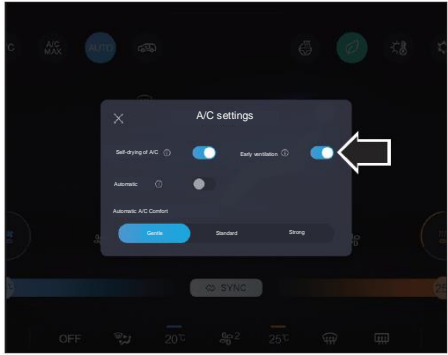
### Preset of standby vehicle

#### Standby operation

##### Early ventilation\*

The function of the early ventilation is to automate the airflow ventilation in the passenger compartment before the user gets on.

**i** It is normal to hear the sound of blower for ventilation when approaching the vehicle; This function can only be activated once during one ignition cycle.




The early ventilation can be activated by center control display. Activate the function by operating the unlocking button of the remote key (first briefly press the unlocking button to unlock the vehicle, then long press the unlocking button within 6 seconds) to enable the function. When the door is open, the ventilation will stop actively. If the door is not open, it will stop automatically after a while.

## Vehicle unlocking

### Locating vehicle by key





When the vehicle is in armed state, press down the smart key locator button  within a distance of <15 m (open space); at this time, the vehicle exterior lights up, and the horn sounds twice.


### Exterior unlocking Unlocking with smart key





Unlocking button : Unlock the whole door.

Lock button : Lock the whole door.

Trunk unlocking button : press the button twice to open the trunk lid (manual-operated trunk lid); Automatically turn on or turn off trunk lid (electric trunk lid).


Vehicle search button : press this button in the armed state, and the vehicle will send out sound and light alarms to prompt the vehicle position.

 Unlocking control can be set to unlock the left front door or all doors. This function can be set through the center control display.


 After unlocking the door, the power modes of vehicle and the status of all doors, the status of trunk lid and engine hood are unchanged within 30 seconds, and all door and trunk lid will be automatically locked.

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

If your smart key is lost, please contact the BAIC MOTOR franchised dealer as soon as possible to readapt the key in case of the vehicle theft.

 Do not attach objects (such as metal films) that may interfere with electromagnetic waves to the smart key.

 Do not hit other objects with your smart key.

 Do not expose the smart key to high temperatures for a long time, such as on an instrument panel or engine hood in direct sunlight.

Do not soak the smart key or clean it in ultrasonic washer.

Do not put the smart key together with a device that emits electromagnetic waves, such as a mobile phone.

Vehicle decoration may affect the vehicle remote control distance (such as metal glass film, etc.). Please choose the appropriate vehicle decoration.

When carrying the smart key on the plane, make sure not to play with the smart key in the engine compartment. When the key is pressed, radio waves emitted by the smart key may interfere with the flight of the aircraft.

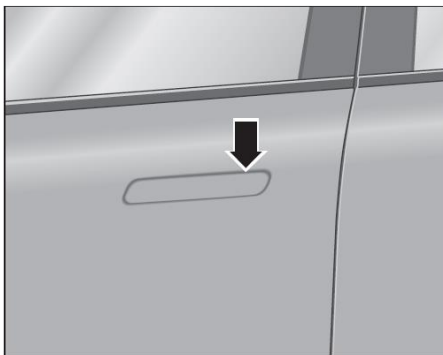
It is normal that the effective range of the smart key may be reduced due to external influences. Short-term failure of the smart key may be due to the effects of other keys, pacemakers or other radio transmitters. If the smart key fails, you can try the following:

- Walk closer to the vehicle and try again. The effective range of the smart key may be reduced in rain or snow.

- Take a few steps to the left or right, hold the smart key higher, and then try again. If there are other vehicle or object between the smart key and the vehicle, they may block the transmission.
- Check the battery in the key.

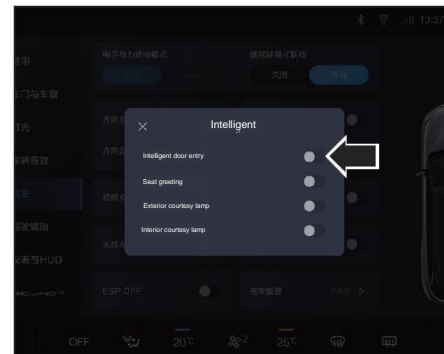
### Sensitive unlocking with smart key

#### Enter with smart key



Carry the smart key to press the rear area of the exterior door handle, and the hidden handle automatic is unfolded\* and the door is unlocked automatically.

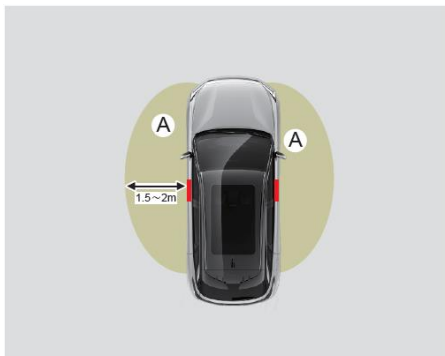
### Sensitive unlocking with smart key



The PEPS of the door can be turned on/off through the center control display. After being turned on, when the vehicle is in the armed state, carry the smart key into the area about 1.5 ~ 2 m away from the front door handle of the vehicle, and the hidden handle will automatically unfold \*, and the door lock will unlock.

## Vehicle unlocking

### Validation conditions for automatic unlocking function



When the following conditions are met, it can be automatically unlocked within 1.5~2 m near the vehicle (area A).

1. No more than 72 hours after parking (if the vehicle is not used for more than 72 hours, the function is temporarily turned off);
2. When approaching the vehicle, the smart key is not put together with the mobile phone and laptop, and there is no other interference source nearby;
3. Failure to press the lock button on smart key twice continuously during locking (if pressing the lock button twice continuously within 2 seconds, the function will be temporarily disabled);

4. The smart key is not in the vehicle wake-up range (about 4 meters near the vehicle) for more than 30 minutes. If more than 30 minutes, the function is temporarily disabled.

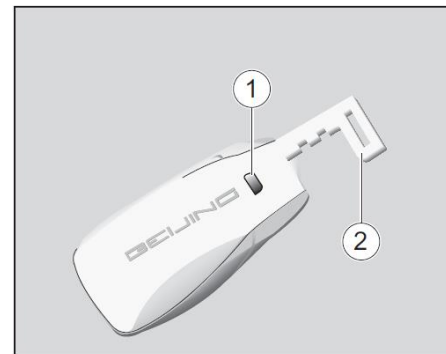
**i** If you need to put the smart key into the vehicle from the outside, press the lock button on smart key twice within 2 seconds to temporarily turn off the PEPS and put it into the vehicle.

**👁** Outside the vehicle, you should not put the smart key within the vehicle wake-up distance (i.e. about 4 m away from the vehicle, when the red indicator lamp on the smart key flashes continuously or intermittently). If you have to, then press the lock button on smart key twice within 2 seconds to turn off the PEPS temporarily and avoid capacity loss of smart key battery.

**👁** If you close the PEPS in the OBU, you need to turn it on again in the center control display, and if you temporarily close the PEPS through other ways, you can re-switch the door to restore the function.

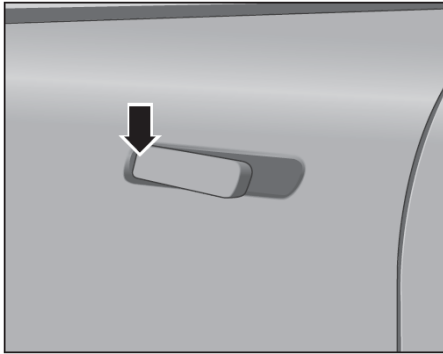
### Emergency unlocking

The smart key contains a mechanical key which shall be used in an emergency. If the smart key runs out of electricity or fails due to other faults, take out the mechanical key and open the vehicle door as follows.

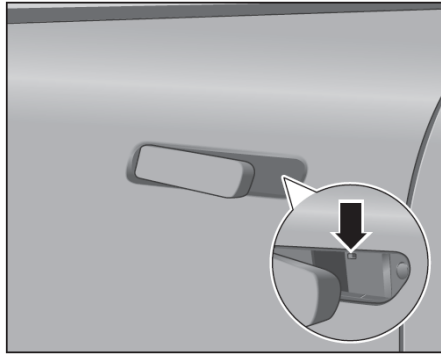


Steps to unlock/lock the door:

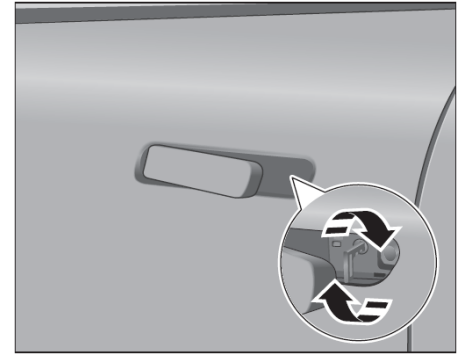
1. Press and hold the locking button ①, and the mechanical key ② will pop up;
2. Pull out the mechanical key ② ;



3. Extend the exterior door handle by pressing the front area of the exterior door handle;



4. Insert the mechanical key or other flat objects into the open card slot in the lock cylinder cover plate, and pry downwards until the lock cylinder cover plate separates.



5. Turn the door lock cylinder counterclockwise to unlock and clockwise to lock.

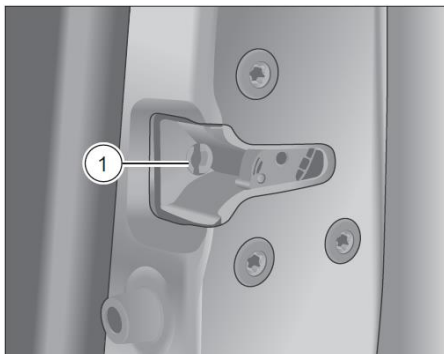
**i** Be sure to put the mechanical key back after it has been used.

**i** If the door is locked with the smart key but unlocked and opened with the mechanical key, the vehicle will enter the alarm status. At this time, you need to put the smart key in the center armrest box with the emergency start sign, and press the start/stop button to release the status.

## Vehicle unlocking

### Locking the door with the mechanical key emergency lock

In the case of power failure of the vehicle, the left front door is locked with a mechanical key, and the other three doors are locked with the emergency locks that come with the door locks.



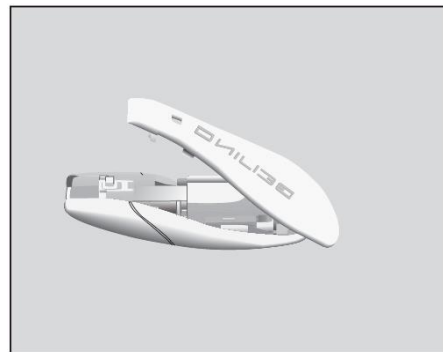
1. Take out the mechanical key;
2. Open the door, insert the mechanical key into the emergency lock switch ①, rotate the left rear door lock counterclockwise, and the right rear and right front door lock rotate clockwise to lock the door;
3. Close the door.

### Replacement of key battery

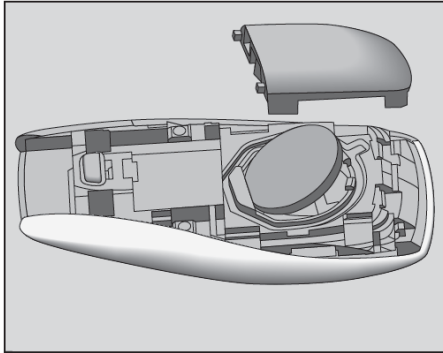
When the smart key power is low, the instrument cluster will remind you to replace the battery. Improper operation when replacing the battery will damage the key. It is recommended to replace it at the BAIC MOTOR franchised dealer. If you replace it by yourself, you need to use CR2032 lithium battery.

- ⓘ Be careful not to touch the circuit board of the remote controller; otherwise, static electricity may be generated, which may damage the smart key.
- ⓘ When replacing the battery of the key, you should not lose any part.
- ⓘ Waste battery must be disposed of in accordance with local laws.
- ⓘ Ensure that the positive and negative poles of the smart key battery are installed correctly.
- ⓘ Do not touch or move any parts in the smart key; otherwise it will affect the smart key function.
- ⓘ When installing the smart key battery, be careful not to bend the electrodes, and the battery box must not contain dust or greasy dirt.

Method of replacing smart key battery:




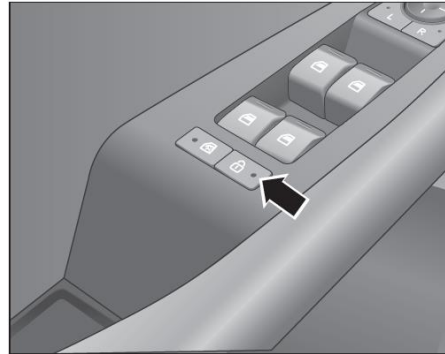
1. Remove the mechanical key;
2. Pry up the rear cover of the smart key with a tool;






3. Open the battery cover;
4. While removing the battery, avoid touching the circuit board and battery clamp;
5. Avoid touching the battery surface when installing the battery and wipe the battery clean before installing.
6. Ensure that the battery cover meshes well during installation to avoid dust and moisture ingress;
7. After replacing the battery, test whether the smart key functions normally. If the smart key still does not work properly, please contact the BAIC MOTOR franchised dealer.

### Unlocking inside the car Door center control unlocking

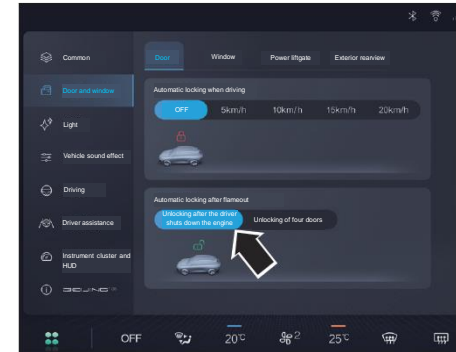
The central locking button  is located on the door glass lift switch panel on driver side, making it easy for the driver to unlock all doors.




When the doors are in the locked state, press the central door lock button  to unlock all doors, and the indicator lamp goes out.

 Never leave a child or a person with reduced mobility in the vehicle alone! They may inadvertently press the central door lock button  to lock the door; In case of an emergency, it is difficult for a child or person with reduced mobility to leave the vehicle on their own, and locked doors will cause more difficulties for others to rescue people.

### Automatic unlocking after flameout

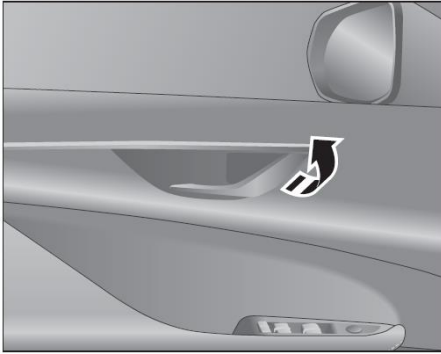


After the vehicle stops, put the keyless start/stop button in "OFF" mode, and the central control door lock can be automatically disabled. For vehicles equipped with inductive hidden handles, the handles will automatically unfold.


 The unlocking control can be set to unlock the left front door or all the door at one time. This function can be set through the center control display.

## Vehicle unlocking

### Unlocking of door inside handle



When the door is locked, you need to pull the inside handle twice to open the door from the inside. Pull it once to unlock the door, and pull it a second time to open the door. When the door is unlocked, pull the inside handle once to open the door.

 When the door is at locked state, the door cannot be opened by pulling the inside handle only once, and you should not keep pulling it, so as not to damage the inside handle.

### Automatic collision unlocking


If a collision occurs while the vehicle is in motion, and as a result, the airbags inflate and expand, the four doors will be automatically unlocked. For vehicles equipped with sensing hidden handles, the handles will automatically unfold.





## Open trunk


### Open trunk with smart key button





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

 During the opening process, short press the key trunk button twice to stop the action.

 When the trunk lid starts to turn on/off, the vehicle will give an audible indication.


 Repeatedly opening and closing the trunk lid may cause the trunk lid thermal protection to stop working. Do not operate the trunk lid repeatedly.


 For vehicles not equipped with an electrical trunk, you can press the trunk lid unlocking button  on the key twice briefly to unlock the trunk lid and pull it upwards to open it.

### Trunk opening switch

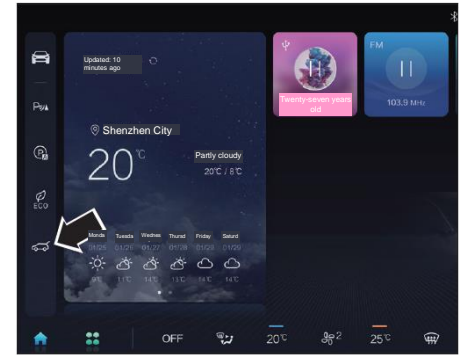


When the whole vehicle is unlocked or the smart key is carried, press the unlocking button on the trunk lid to automatically open the trunk lid.




 During the opening process, press the unlocking button again to stop the action.


 For vehicles not equipped with electric trunk, press the unlocking button on the trunk lid to unlock the trunk lid, and pull up the trunk lid to unlock it.

### Open trunk via the center control display



Press the trunk button for a short time to automatically open the trunk lid cover.

 When the trunk lid unlocking button icon is  the trunk lid is closed; When the icon is  the trunk lid is open.

 For vehicles without electric trunk, press the trunk lid unlocking button on the center control display for a short time to unlock the trunk lid, which can be opened by pulling up the trunk lid.

## Cargo loading

### Anti-pinch function

During the opening and closing process of the trunk, if there is an obstacle, the trunk lid will move reversely, and during the movement, if the obstacle comes again, the trunk lid will stop moving.

### Function setting

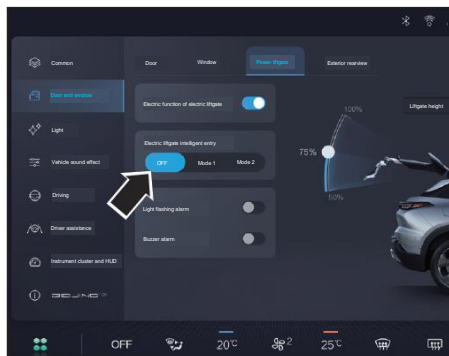
The trunk lid electric opening, key sensing, and light alarm function opening/closing can be set through the center control display.

### Fault prompt

When the keyless start/stop button is in "RUN" mode and the gear is not in P, pressing the ON switch on the trunk lid will prevent the trunk lid from opening and the instrument cluster will display "Please shift to P".

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

### Open the trunk with smart key



Through the center control display, you can turn on/off the POT sensing on function, and set the mode.

- When mode 1 is started, carry the smart key into the trunk lid 0.5 m sensing area, then exit this area, and enter the sensing area again. Then, the POT will be turned on automatically.

It should be completed within 10 seconds from the first to the second entry.

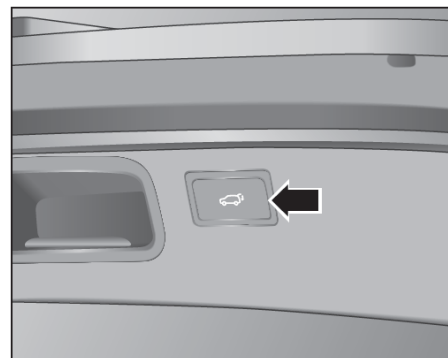
- When mode 2 is enabled, carry the smart key into the 0.5 m sensing area of the trunk lid and stand in situ for more than 6 s. The POT will be activated automatically.

After entering the sensing area, the high-level brake lamp lights up to indicate successful entry.

To improve the accuracy and sensitivity of sensing, the key needs to be placed near the waist and below.

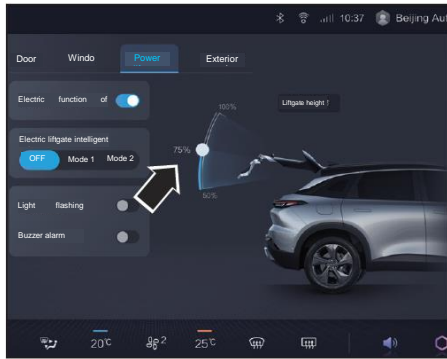
### Set the trunk height\*

### Use the inner switch setting



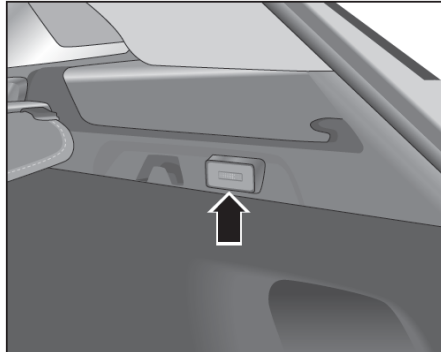
When the trunk is opening/closing, press and hold the OFF switch on the trunk lid for 3 seconds, and then the current height is set successfully.

## Use the center control display for settings




The opening height of the trunk can be set through the center display.

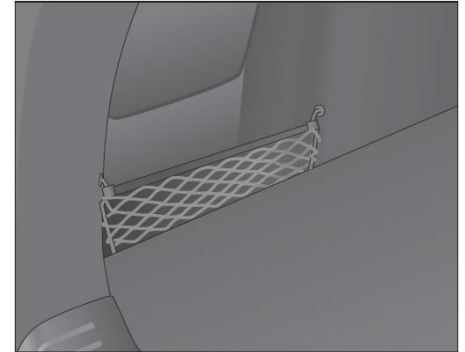
## Load Trunk lamp



When the trunk lid is opened, the trunk lamp will be automatically lit, and when the trunk lamp is closed, the light will automatically go out.

 When the engine is not started, do not turn on the interior lamp for a long time, so as to avoid low battery power.

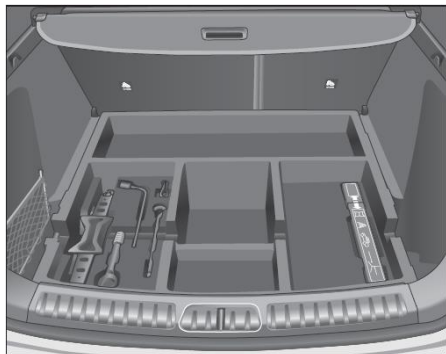
## Cargo storage space of trunk Trunk storage compartment



The trunk storage compartments are located on both sides of the trunk and are used to store drink bottles and other items.

## Cargo loading

### Storage compartment of trunk tool box

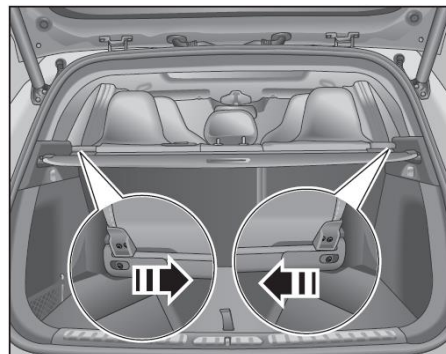


The storage compartment of the trunk tool box is set under the trunk lid, which can be used after the trunk lid is removed.

### Cargo cover

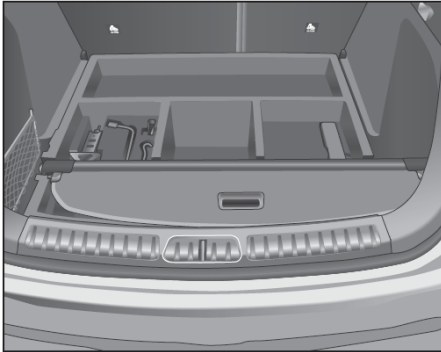


Pull out the rear cargo cover along the arrow and fix it into the fixed slot on the C-pillar middle trim panel to cover the contents in the trunk.



Hold both ends of the rear cargo cover and compress them in the direction of the arrow. Remove the rear cargo cover to increase the trunk volume.

## Shade storage



Lift the trunk lid upwards, and then the shade can be placed in the driver's toolbox locating slot.

## Prohibited articles

**⚠** Do not place any flammable and explosive article in the vehicle, such as gas lighter, spare gasoline, alcohol, beer, etc. Especially in a hot summer, these articles will cause a closed container to explode or catch fire under the high temperature inside the vehicle.

When using a vehicle to carry cargo or luggage, be sure to immobilize the cargo or luggage effectively. In addition, when the cargo is placed, it should be evenly distributed, so as not to lead to uneven vehicle loading. Items placed in the trunk can be fixed with luggage hooks to avoid affecting vehicle driving due to luggage shaking.

**i** Please put the goods and luggage in the trunk as much as possible and secure them effectively.

**👁** Do not store hazardous substances containing gasoline, aerosol can, etc. in the vehicle to avoid fire.

**👁** Do not drive under overloaded vehicle, so as not to affect the vehicle brake due to excessive vehicle inertia.

**👁** Do not drive when the vehicle is heavily uneven loaded; otherwise the vehicle will lose balance when turning.

**👁** Do not place goods or luggage directly on the roof of the vehicle to avoid damaging the roof structure.

**👁** Do not place objects on the instrument panel in case of falling into the foot operating space of driver during driving.


## Cargo loading

### Close the trunk Electric trunk off\*




When the trunk is open, press the closing switch on the trunk lid, the unlocking button on the center control display, or short press the truck lid unlocking button on the smart key twice to automatically close the truck lid.


When the trunk is open, press the closing switch on the trunk lid twice, the trunk lid will not be closed, and the trunk lid will be closed after the driver smart key exits the sensing area.

 If the key trunk button is pressed twice briefly or the open switch is pressed again in the process of closing the trunk lid, the trunk lid will stop moving.



 When closing the trunk lid, check and prevent pinching other people's fingers and objects in the trunk.


 The trunk lid can be opened/closed manually.


 The electric opening and closing function of the trunk lid must be operated normally only when the gear is in gear P.


### Manual trunk closing\*


1. Gently press the trunk lid close to the rear bumper position;
2. Press the trunk lid with both hands slightly downward toward the front to close it. When the trunk lid is closed, the trunk ajar reminder icon displayed on the instrument cluster will disappear.

### Precautions for trunk


 Keep the trunk lid closed during driving. If the trunk lid is opened, the luggage in the trunk may be thrown out accidentally during driving, resulting in accident or loss.

 It is strictly forbidden to carry passengers in the trunk. Otherwise, serious injuries and even death may occur in case of emergency braking or collision.

 Never allow the child to enter the trunk. If the child is accidentally locked in the trunk, it may cause death due to overheating or suffocation.

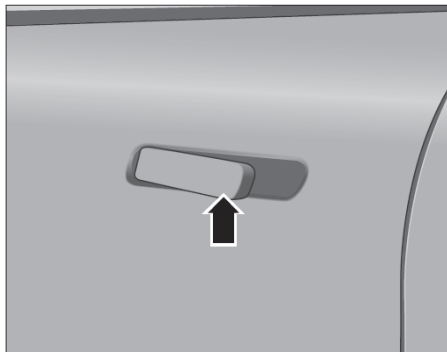
 Observe the following precautions when using the trunk. Otherwise, the body part may be trapped and cause serious injury:

- When the trunk lid is turned upward, the trunk lid will bounce to the fully open position. Pay attention to the safety of the top.
- Before opening the trunk lid, you should remove foreign matters (such as snow or ice) from the trunk lid to prevent pinching.

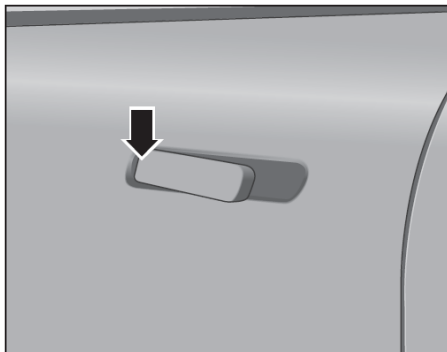
 If there are too many items in the trunk that you cannot confirm whether the items will hit the trunk lid, you can hold the trunk lid, try to close slowly, and then close the trunk lid after confirmation.


## Entering vehicle


### Open the door



After unlocking the door, unfold the handle automatically. Pull the handle to open the door.



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

 In severe winter conditions, icing in the door handle may make it impossible to open. To avoid a lot of icing inside the door handle, pop the door handle out after washing, dry the door handle and door the outside. If it cannot be opened due to ice formation, the following operations shall be adopted:

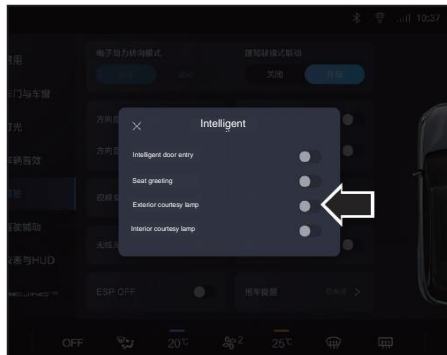
1. Remove the ice layer on the outside of the door handle and the crevice.
2. Press down the front part of the door handle firmly to break the ice.
3. Press the remote control to unlock to see if it pops up. If not, beat the front and rear position of the door handle with your fist until the door handle pops up.
4. After the door handle is ejected, if ice accumulates inside, clear the ice first, and then open and close the door handle several times to ensure it is fully repositioned.



## Welcome lighting

### Welcome light

#### Exterior courtesy lamp



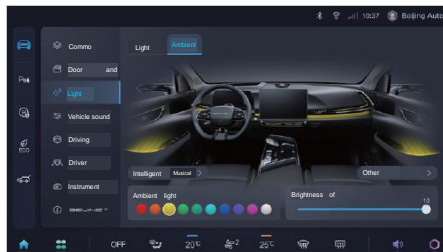
The exterior welcome lights can be turned on/off through the center control display. After being turned on, carry the smart key into the sensing area of the vehicle, and the light goes on.

#### Interior courtesy lamp

The interior welcome lights can be turned on/off through the center control display.

When the vehicle is turned off and unlocked by remote control, the front reading lamps will turn on. The vehicle starts with the doors closed and the front reading lamps go out.

## Ambient light\*

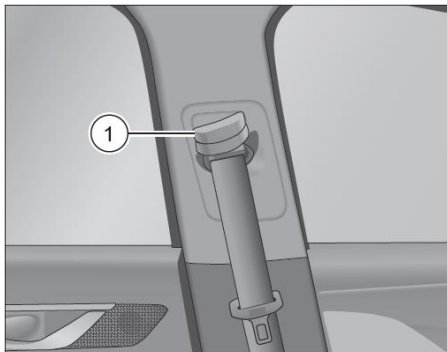


Users can select the ambient light color through the center control display and adjust the brightness of the ambient light. You can also select the intelligent mode to select the ambient lighting effect in different scenes. At the same time, in other settings, you can turn on/off the door opening reminder, on - coming vehicle warning after door opening, driving mode switching reminder, AI interactive light, switching with theme and other functions.

## Riding vehicle

### Seat belt


#### Seat belt height adjustment\*



The seat belt height adjuster can adjust the height of the seat belt pivot to adapt to different drivers and passengers. The seat belt height adjustment steps are as follows:

1. Hold the lower end of the adjuster 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 the proper position;

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

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

#### Wear the seat belt correctly


##### Wear the seat belt of the front seat



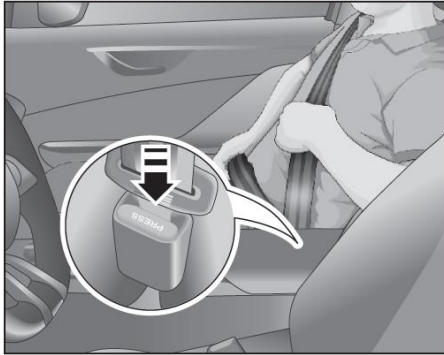
Before using the seat belt, you should first adjust the front seat position, height\* and seat back inclination to the appropriate place.

The upper part of the seat belt clings to the chest and across the shoulder, and the lower part of the seat belt clings to the hip. Do not act on the abdomen. Incorrect use of the seat belt will not only fail to provide protection, but may cause other serious injuries.

Do not twist the seat belt when using the seat belt. Twisting seat belt around the body increases the strain on the seat belt, and reduces the protective effect of the seat belt.

 The seat belt should be adjusted as tight as possible without compromising comfort, which will provide better protection. Seat belt that is not fastened will greatly reduce the protective effect.

## Locking of seat belt



Pull the seat belt out of the retractor slowly, then insert the tongue into the buckle until you hear a "click" sound, and then pull back the seat belt to make sure it locks securely.

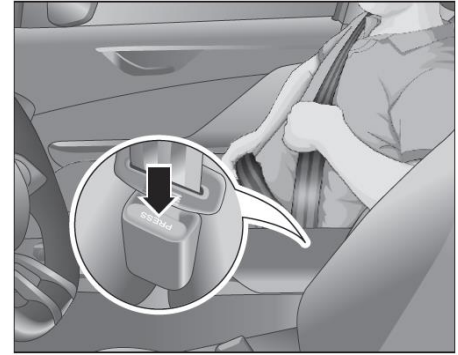
## Adjustment of the seat belt



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

Lower the lap belt of the seat belt as far as possible across the hips, and then pull the upper seat belt up to make the lower seat belt cling to your body. In this way, the strong pelvic part of the human body can withstand greater impact force, thereby reducing the probability of internal injuries to the abdomen.

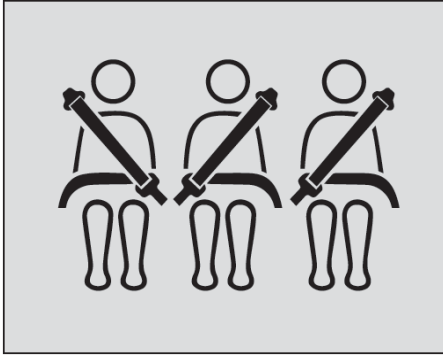
## Seat belt unlocking



Press the red button on the buckle to release the seat belt lock. After unlocking the safety belt, push the safety belt upward to the upper anchorage. The safety belt automatically retracts into the retractor.

## Riding vehicle

### Wearing rear seat belt



The rear seat belt shall be fastened in the same way as the front seat belt.

### Children wear seat belts

The seat belts configured on this model are designed for adults. It is recommended that children aged 12 and under and children under 1.5 meters in height use specially installed child restraints.

### Pregnant women wear seat belt



If the occupant is pregnant, in order to protect the safety of the pregnant woman and fetus, the seat belt should pass through the chest and be as low as possible in front of the hips, and then flattened and clung, so that the lower abdomen is not stressed.

### Precautions for seat belt

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

Some models have adjustable front seat belt pivot, and some models have pretensioner in the lower retractor.

The rear seat belt of some models has the function of pre-tightening and force limiting.

In order to ensure the safety of driving, all drivers and passengers must wear seat belts correctly.

Wearing the seat belts correctly can restrain the drivers and passengers in the proper position, and effectively prevent the drivers and passengers from collision with inner parts of the vehicle and absorb a lot of kinetic energy to reduce their injury level.

At the same time, the correct wearing of seat belt is also an important prerequisite for the airbag to play a protective role. When the airbag is unfolded, the body position, sitting posture and movement of occupants have a great impact on the effect of airbag protection. Failure to wear seat belt and abnormal riding posture may result in injuries to vulnerable parts such as the head and neck of the airbag, especially to the child, which can be fatal. The seat belt can restrain the upper body of the occupants at the moment of collision to ensure that the occupants are protected by the airbag, so that the airbag can work effectively.



To reduce the risk of accidents, the following items must be strictly observed:

- As long as the vehicle is in motion, the driver and passenger must wear seat belts at all times. In this way, it can reduce the injuries in case of vehicle emergency braking and traffic accidents.
- It is strictly forbidden to wear the same seat belt (even if it is a child).
- Pregnant women or people needing care must also wear seat belt. If you do not wear the seat belt, you may get seriously injured.
- Remove loose and heavy clothing (such as overcoat) before wearing the seat belt, so as not to affect the fit and protective function of the seat belt to the body.
- When wearing the seat belt, the seat belt should not press the fragile or sharp objects (such as glasses, ballpoint pens, etc.); otherwise the passengers may be injured.
- The seat belt must be kept clean at all times. Seriously dirty seat belt may cause the retractor not to be retracted smoothly.
- Ensure that the buckle socket is not blocked 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. Wearing the seat belt incorrectly will affect the protective effect of the seat belt.
- If the seat belt webbing is loose or cracked, the fixing bolts are loose, or the retractor function fails, the seat belt will not be able to provide protection in case of an accident. Regularly check whether all parts of the safety belt are in good condition.
- After a serious collision, the used safety belt or the stretched and deformed seat belt should be replaced at the BAIC MOTOR franchised dealer. Even if there is no obvious deformation on the appearance, it needs to be replaced. In addition, the fixing device of the safety belt should be checked.
- It is forbidden to repair, remove and install the retractor or seat belt components by yourself. It is strictly forbidden to modify the seat belt in any way. Please go to the BAIC MOTOR franchised dealer to repair the seat belt components.

**Consequences of not wearing seat belt**

It is a wrong thought that many people think that in case of a mild collision, you can support their bodies with their own hands to avoid injury.

After the vehicle collision, the driver and passenger who do not wear seat belts will still move forward at the collision speed due to inertia, and the vehicle does not move at the same speed as the driver and passenger, which may cause injury.



Even if the vehicle speed is very low, in case of a frontal collision, the force imposed on human body is also very large, and the driver and passengers cannot support their own body by hand. The driver and passengers who are not wearing seat belts will be thrown forward and slammed into the steering wheel, instrument panel, front windshield or any objects in the way.

### Check the reliability of the seat belt

The seat belt retractor will lock the slide of the seat belt when the following three conditions occur:


- The seat belt quickly leaves the retractor.
- The vehicle slows down sharply.
- The seat belt retractor is inclined at a large angle.


In order to check the reliability of the seat belt, grasp the upper section of the seat belt, and quickly pull it. At this time, the retractor should lock the seat belt. If the retractor cannot lock the seat belt, please go to the BAIC MOTOR franchised dealer for inspection or repair.

### Seat belt pre-tightening and limiting force function\*

Seat belts of some models are equipped with a preload limiter, which is intended to ensure that the occupant is fastened and protected in the collision. When the severity of the collision reaches a certain level, the pre-tightening force limiting device may be activated, and the retractor will tighten the seat belt to slow down the forward movement of the passenger. If the tightening force exceeds a certain limit, the force limiting device will relax the seat belt appropriately and reduce the force acting on the body.

When the preloading limiting device is triggered, it may emit white smoke, which is normal. It does not indicate fire, so don't worry.

 Seat belt equipped with preloading function can only be used once. The pretensioner must be replaced with a new seat belt after detonation.

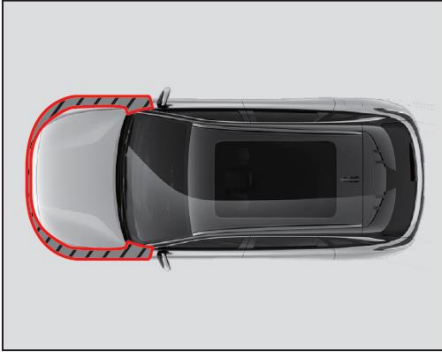
 The seat belt pretensioner will become very hot after detonation, so do not touch the relative component within several minutes after detonation of pretensioner.

### Maintenance of seat belt

Regularly check whether the seat belt and all its components (such as buckle, tongue, retractor, straps, and seat belt height adjusters) are working properly.

Replace the entire seat belt assembly if any seat belt part is found to be damaged, the strap is torn or otherwise damaged.

### Maintenance and discarding of seat belt pre-tightening device





Please go to the BAIC MOTOR franchised dealer for inspection and repair as soon as possible in case of any of the following:

- The accident occurs to the front part of the vehicle (shadow part in the drawing), but the seat belt pretensioner does not work.
- The seat belt pretensioner and its surrounding parts are scratched, cracked or otherwise damaged.

When carrying out any work on the seat belt retractor with pretensioner, please go to the BAIC MOTOR franchised dealer; otherwise the pretensioner may not work normally in case of an accident.

If the pretensioner is to be scrapped, the relevant safety regulations must be observed. The BAIC MOTOR franchised dealer is familiar with the relevant safety regulations and can provide you with enquiry.

 If the seat belt retractor is repaired by a repair shop not authorized by BAIC MOTOR or by non-professional personnel, or if the seat belt retractor is not properly used according to the regulations, it will increase the potential risk of injury or death.

 Do not repair, remove or install seat belt or seat belt retractor components by yourself.

### Front seat

#### Correct sitting posture of driver



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


In order to ensure the safety of the driver and passenger, the following operations should be carried out before driving the vehicle:

- Adjust the seat back and forth to the proper position, so that the knee joint can fully step on the accelerator pedal and brake pedal when slightly bent.
- Adjust the seat back to the proper angle, so that the back can completely fit the seat back.

## Riding vehicle

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- Adjust the steering wheel to keep at least 25cm between the chest and the steering wheel. Make sure that the elbow is slightly bent to hold the top of the steering wheel.
- Adjust the rearview mirror to the proper position.
- Wear the seat belt correctly.

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


- The distance between the driver's chest and the steering wheel should not be too close; otherwise the airbag cannot provide effective protection, and may cause damage to the driver.
- The driver's hands shall always be held on the outer ring of the steering wheel (at 9 o'clock and 3 o'clock positions) to ensure that all instrument clusters and indicator lamps on the instrument cluster shall be seen.
- When the vehicle is running, driver shall not adjust the seat. If necessary, after the vehicle is parked, adjust the seat to the correct position, and then start driving.

- During driving, the seat back cannot be tilted too much. You must wear the seat belt correctly and keep the correct sitting posture, so as not to cause injury in the emergency braking.

### The correct sitting posture of the front passenger

To ensure the ride safety, the front passenger should perform the following operations:

- Adjust the seat to keep a proper distance between the front passenger and the instrument panel, so as to provide the most effective safety protection when the airbag is triggered.
- Adjust the seat back to make the back fit with the seat back.
- Wear the seat belt correctly.
- Place the feet in the foot space in front of the front seat.


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


- The front passenger should not be too close to the instrument panel; otherwise the airbag will not provide effective protection, and may even cause injury to the front passenger when it is unfolded.


- During driving, the seat back cannot be tilted too much. You must wear the seat belt correctly and keep the correct sitting posture, so as not to cause injury in the emergency braking.


### Adjustment of front seat

Proper seat adjustment ensures full protection from the seat belt and SRS.

 Do not place objects under seat.

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

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

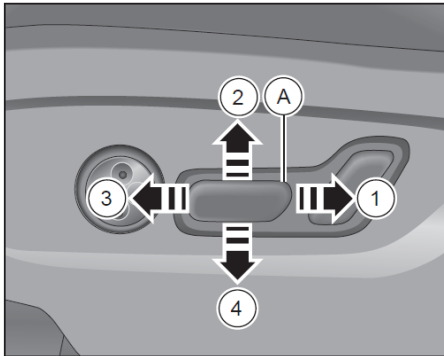
 When measuring the seat position of the seat cushion depth, that is, design position: the seat back position is 23°, the front and rear position is adjusted to the rearmost position, and then slides forward 50 mm.



**i** Front row: the seat back can be turned forward ( $22.5\pm 2$ ) ° and backward ( $52.5\pm 2$ ) ° at the maximum adjustable angle of ( $75\pm 4$ ) °.

**i** Rear row: there is split seat back in the rear row. The seat back has two adjustable gears. The seat cushion can be turned forward, and the seat back can be put down.

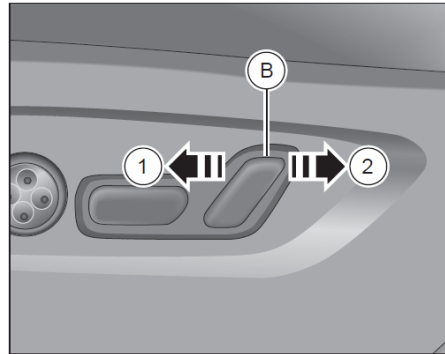
#### Electric adjustment of seat\*



Switch A:

Press the switch A along the direction indicated by the arrow to adjust the seat.

Direction ① adjust the seat backward Direction ② adjust the seat upward Direction ③ seat is adjusted forward; Direction ④ seat is adjusted downward.



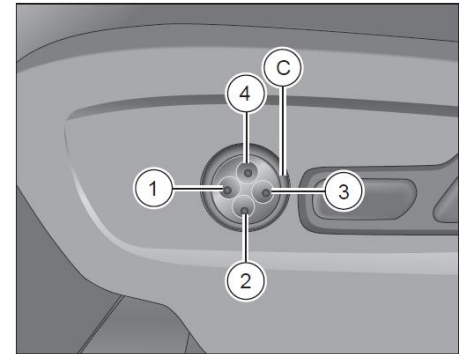
Switch B:

Press the switch B along the direction indicated by the arrow to adjust the seat back.

Direction ① seat back tilts forward;

Direction ② the seat back tilts backward.

#### Electric adjustment of the lumbar support\*



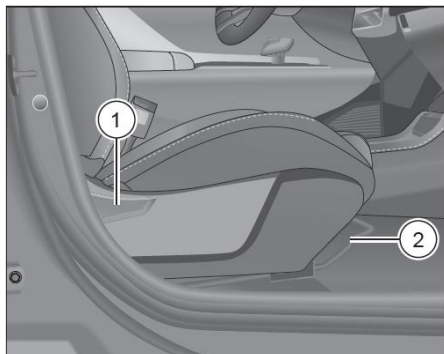
Switch C:

The seat lumbar support may be adjusted by pressing down switches in each direction.

Press down ① the entire waist of the seat and adjust it forward; Press down ② seat to adjust the waist forward; Press down ③ seat to adjust the whole waist backward; Press down ④ seat to adjust the waist forward.

## Riding vehicle

### Manual adjustment of seat\*



Adjustment of seat back inclination:

Pull the adjusting handle ① upward and shake the seat back forward and backward at the same time to a proper inclination; Loosen the adjusting handle ① and shake the seat back forward and backward slightly until the seat back is locked securely.

Forward or backward adjustment of the seat:


Pull up the adjusting pull rod ② under the front part of the seat, and move the seat forward or backward to the proper position at the same time; Loosen the adjusting pull rod ② and move the seat forward or backward slightly until the seat is locked securely.


### Driver seat position memory\*



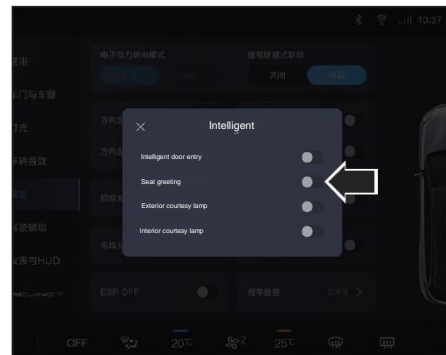
After adjusting the seat position, press and hold sitting posture 1 or sitting posture 2 or sitting posture 3 in the center control display negative screen (slide down from the top of the screen to open negative screen, slide up to close) to memorize the position.

Touch sitting posture 1 or sitting posture 2 or sitting posture 3 in the center control display minus screen (slide down from the top of the screen to open minus screen, slide up to close), and then the seat will go to the memorized position.

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

 The previous settings of the same key will be deleted every time the memory is performed.

### Driver seat intelligent greeting\*



When the vehicle is shut down, open the door on driver side, and the driver seat will move backwards to facilitate the driver to access the vehicle. When the start/stop button is in "RUN" mode or the vehicle is locked, the seat automatically returns to the driving position. This function can be turned on or off by entering the intelligent welcome setting interface under the "driving" menu of the vehicle setting interface of the center control display.

## Front seat heating\*



The heating button of the seat is located in the A/C interface of the center control display.

When the Start/Stop button is in the "RUN" mode and the engine is started, touch the seat heating button in the A/C control interface to turn on the seat heating function. Touch different gear of button to set the desired heating gear.

If you want to close the seat heating function, just press the button **OFF**.

Ventilation and heating cannot work at the same time.

To avoid damaging the electrical components in the front seat, do not kneel on the seat or apply pressure to any single point in the seat cushion or seat back.

Do not use seat heating function if you are less sensitive to pain and temperature. This may cause heater burns to your back, buttocks and legs.

## Front seat ventilation\*



The seat ventilation button is located in the center control display. When the start / stop button is in "RUN"

In this mode, touch the seat ventilation button in the A/C control interface to activate the seat ventilation function. Touch different gear keys to set the required ventilation gear.

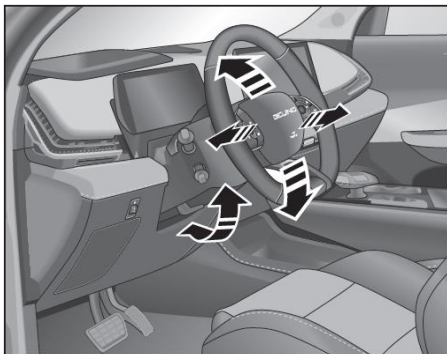
If you want to turn off the seat ventilation function, just press the button **OFF**.

## Riding vehicle

### Adjustment of steering wheel position





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




Loosen the steering wheel adjusting lock lever downwards to adjust the steering wheel up, down, front and back to facilitate the comfort and safety of different statures.

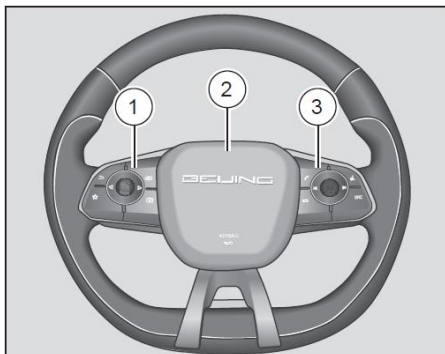
After proper adjustment, stabilize the steering wheel, push the lock lever upward, and shake the steering wheel to confirm that the steering wheel is locked reliably.

 Do not forcefully adjust the steering wheel up and down, back and forth while loosening the lock lever; otherwise the parts will be damaged.

 It is forbidden to adjust the steering wheel position when the vehicle is running in order to avoid accidents.

 The lock lever must be pressed firmly to prevent the position of the steering wheel from changing during the vehicle is in motion.

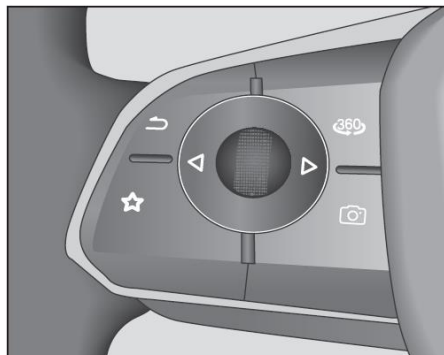
## Multi-function steering wheel key



The multi-function steering wheel is equipped with the following function keys:

- ① Instrument control button
- ② Horn
- ③ Multimedia control button


## Instrument control button





: Home / Back


: AVM \* Scroll up roller: Scroll up

Scroll down roller: Scroll down Press roller: Confirm

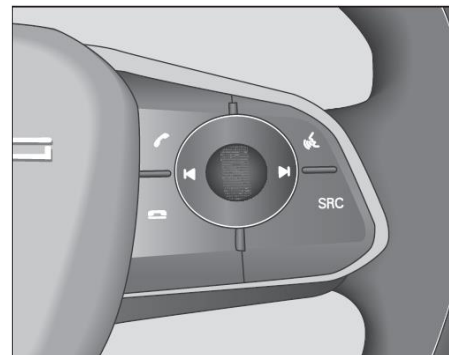
: Turn leftwards (turn leftwards the roller)



: Turn right (turn the roller rightward)

: Customization (Short press to enter selected functions, including Do Not Disturb mode, one-touch screen, A/C, maps, etc. Long press to enter the center control display settings page to select and switch between functions.)

: One-click photo taking (short press) / quick video recording (long press)\*

## Multimedia control button




: Answer the phone : speech recognition


: Hang up **SRC**: switch the sound source

Press the roller: mute button

Scroll up the roller: volume up

Scroll down the roller: volume down


: next song (dial the roller to the right)




: previous song (dial the roller to the left)

Horn

## Riding vehicle





After pressing the area near the horn mark , the horn will sound; if releasing the hand, the horn will not sound.

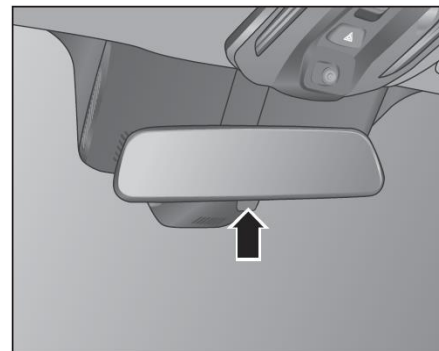
-  Do not hit or knock the horn switch with your fist to avoid damaging the vehicle parts.
-  The horn should be checked regularly to ensure that the horn can work normally.
-  Please observe the traffic control regulations and use the horn in a civilized manner.

### Interior rearview mirror

Before driving the vehicle, adjust the interior rearview mirror to get the best view, and keep the interior rearview mirror clean.

-  In order to ensure driving safety, adjust the rearview mirror and minimize the "blind spot" of the view.
-  Adjust the position of all rearview mirrors before driving. Do not adjust the rearview mirror when driving vehicle.


### Manual anti-glare interior rearview mirror\*




At night, move the lever on the mirror base to the anti-glare position. Adjust the interior rearview mirror to reduce the glare to the eyes caused by the rear vehicle light.

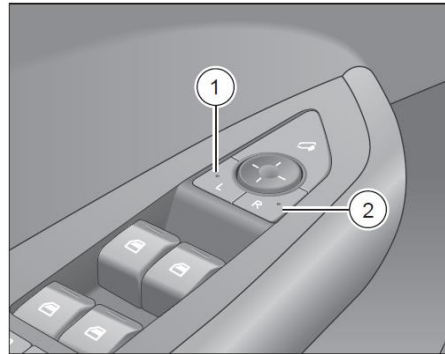
### Exterior rearview mirror

The exterior rearview mirror has the functions of electric adjustment, electric heating and electric folding\*.

 The object image reflected by an exterior rearview mirror is smaller than the real object. Objects are actually closer to the vehicle than they appear. Do not misestimate the distance to the rear vehicle, so as to avoid accidents.

 The position of the rearview mirror should be adjusted before driving. Do not adjust the rearview mirror when driving vehicle.

### Glass angle adjustment\*




The rearview mirror adjustment switch is located at the front of the main switch on driver side's door.


Select the exterior rearview mirror to be adjusted, press **1** to select the left exterior rearview mirror, and press **2** to select the right exterior rearview mirror.


Press the UP or DOWN adjustment button to adjust the upward or downward angle of the exterior rearview mirror; Press the LEFT or RIGHT adjustment button to adjust the left or right rotation angle of the exterior rearview mirror.

### Exterior rearview mirror heating\*




Start the engine, touch the rear windshield defrost/defogging button  located in the center control display of the A/C interface. Then, the rearview mirror and rear windshield will start heating for defrosting and defogging, and the system will automatically shut down about 15 minutes later. If you still need heating, just press the button again.


If you need to turn off the heating function in advance during the heating, just touch the rear windshield defrost/defog button  again.


 The exterior rearview mirror and rear windshield heating can only be operated when the engine is running.


## Riding vehicle

 Do not turn on the rearview mirror heating function without special necessity, so as to avoid overheating of exterior rearview mirror and rear windshield and waste of battery electricity.

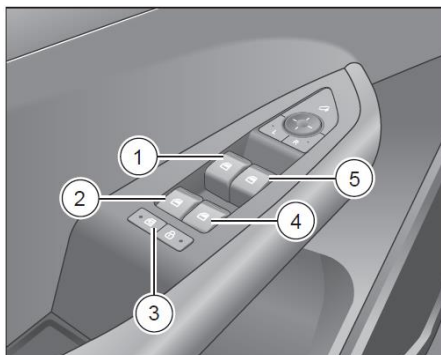
### Window control

 When turning off the electric window, be careful not to pinch anyone. If the occupant's head, neck or hands are caught by the window, serious injuries may occur.

 Never leave a child or a person with reduced mobility in the vehicle alone! They may accidentally touch the switch or control unit, resulting in serious accidents.

 In the case of children in the car, when driving, you should press the window lifting prohibition switch to prevent the children in the car from opening the window by themselves and causing accidents.

### Power window control switch on driver side



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

- ① Door window lifting switch on driver side
- ② Rear left door window lifting switch
- ③ Passenger door window lifting prohibition switch
- ④ Rear right door window lift switch
- ⑤ Front passenger door window lifting switch

### Driver side window glass lift control

Pull up the switch ① and hold it. The window glass on the driver side rises, and then stops when you let go.

Press down switch ① and hold, and then the door window on the driver's side rises and stops when you let go.

Press the window switch ① until it exceeds the pressure point and release it, and the window glass on the driver's side will automatically drop to the bottom. If the switch is triggered during the automatic lowering of the window glass, the window glass will remain in the current position.

For the window equipped with one-button lifting function, pull up the switch upwards ① until it exceeds the pressure point and release it. The door window near the driver will automatically rise to be completely closed. If the switch is touched during the automatic lifting of the window, the window will remain at the current position.

### Driver controls the door window of the occupant

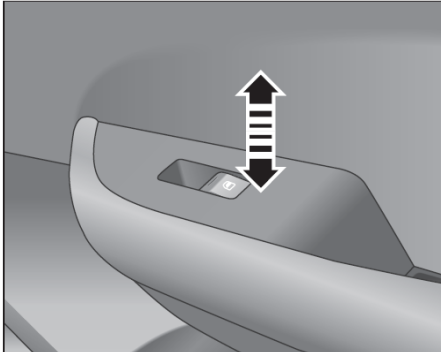
Pull up or press down the switches ②④⑤ (same as on driver side window) to raise or lower the corresponding window.



### Passenger door window lifting prohibition switch

Press down the lifting inhibit switch ③ of the passenger side window, and then the switch indicator lamp will light up, and the passenger door window lifting switch will not be able to control the lifting of the corresponding window. Press this switch again, and then you can deactivate the prohibition. At this time, the switch indicator lamp goes out.

### Passenger door window control switch



The passenger door window lift switch is located on the armrests of each door. Pull up the switch or press down the switch to control the lift of the window. The operation method is the same as the window on driver side.

### Window position anti-pinch learning and initialization

When the vehicle of the equipped door window express-up/down is disordered (upgraded by OTA or other means) or the vehicle is powered off, the window should be anti-pinch learning as follows:

1. Switch the keyless start / stop button to "RUN" mode, and the engine is not started;
2. Allow the operating window rise to the top and stop for 2 seconds;
3. Drop the operating window to the bottom and stop for 2 seconds;
4. Operate the window glass again to rise to the top and stop for 2 seconds, and then the window function learning is completed. After the four door windows manual learning process is completed, check whether the automatic rise function is restored; if it is restored, the learning is successful.

After completing the anti-pinch learning, if two consecutive anti-pinch events occur, the one-button up function will be inhibited, and the initialization operation will be performed, that is, the switch manual gear will be continuously raised to the top, and the function will return to normal.

**i** Be sure to operate the window switch manually. Raising and lowering the window need to be completed continuously. If the window stops operating, it needs to learn again. Close windows on rainy days\*


The vehicle of the equipment door window express-up/down can be selected through the OBU control screen, which is enabled by default. After the function is turned on, the vehicle is locked. And if it rains, the four door windows and sunroof will be turned off automatically. If it does not rain for 24 hours, the four door windows and sunroof will also be closed automatically.

**i** When the keyless start/stop mode is not switched, the rain window closing function is only activated once.

**i** If the rain is too light, etc., the windows and sunroof may not close automatically. You must make sure that the windows and sunroof are completely closed before leaving.

### Locking window control

Equip the vehicle with the door window express-up/down. You shall choose whether to turn on this function through the center control display, and this function is deactivated by default. When the function is enabled, the four door windows, sunroof and sunshade shall be automatically turned off when the vehicle is locked.

 For vehicles with the function of locking the car and closing the window, please operate the function of locking the car and closing the window after 30 seconds, and then operate the function of opening the window by long pressing the key.

### **Anti-pinch of window**

For window equipped with one-button lifting function, the glass will move reversely in case of obstacle, and the window glass will open downward.

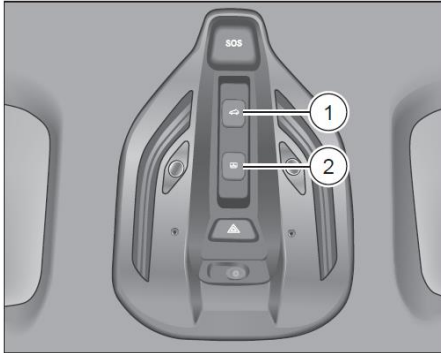
If the window anti-pinch reversal is triggered twice in a row, the one-button lift function will be suppressed and you can restore it by window position initialization.

### **Function of window remote control\***

For vehicle equipped with door window express-up/down, the four door windows can be turned off/on by remote key. Press the unlocking button for short time, and then press and hold the unlocking button for 2 seconds within 6 seconds to turn on the window. Long press the lock button for 2 seconds, and then the window glass starts to close. If the hand is released, the glass will stop moving.

## Panoramic sunroof

### Panoramic sunroof switch



- ① Sunroof switch
- ② Sunshade switch

When the keyless start/stop button is in "RUN" mode, operate sunroof switch ① to function to open, close and tilt the sunroof, and operate sunshade switch ② to open and close the sun visor.

**⚠** In order to ensure the driving safety, the driver is forbidden to operate the sunroof switch during the vehicle running.

**i** If the toggle time is less than 0.5 seconds, it is automatically opened/closed with one key. If the toggle time is longer than 0.5 seconds, it is manually opened/closed.

#### Tilting ventilation on/off

The start-up/Stop button is in "RUN" mode. When the sunroof is closed, pull the sunroof switch ① backward, and then the rear of the sunroof glass rises, tilts to the open position and stops automatically.

When the sunroof is tilted and ventilated, after pressing and holding the sunroof switch ① forward, the sunroof will close automatically.

#### Sunroof open

When the keyless start/stop button is in "RUN" mode:

- Pull the sunroof switch ① backward. The sunroof starts to move from the closed position to the tilted position, and pull the sunroof switch ① backward again. The sunroof will first run to the middle comfortable position. At this time, pull the sunroof back again and the sunroof is opened to the full opening position.

During the operation of the sunroof, if the sunroof switch ① is moved forward, the sunroof will stop sliding.

- Press and hold the sunroof switch ① backward, and then the sunroof starts to move from the closed position to the tilted position, and slides backward to open, and it stops as soon as you release the switch ①.

**👁** When the sunroof and the sun visor are both turned off, press sunroof switch ① backwards to turn on the sun visor first.

#### Sunroof off

When the keyless start/stop button is in "RUN" mode:

- Toggle sunroof switch ① forward, and the sunroof starts to slide forward from the sliding open position to close.
- Press and hold the sunroof switch ① forward, and then the sunroof starts to slide forward from the open position to close. During operation, pull the sunroof switch backward again, and the sunroof stops sliding.

**👁** When both the sunroof and the sun visor are open, press the sun visor switch ② forward to turn off the sunroof first.

## Riding vehicle

**i** Continuous opening and closing of the sunroof for many times may cause the sunroof thermal protection to stop working. Please do not operate continuously for many times.

### Electric sunshade

The sunshade can be opened together with the sunroof.

The start-up/Stop button is in "RUN" mode. When the sunroof is closed, toggle the sunshade switch ② backwards, and the sunshade will open automatically. During the sunshade opening process, toggle the sunshade switch ② forward and the sunshade will stop at the current position.

The start-up/Stop button is in "RUN" mode. When the sunroof is closed, pull forward the sunshade switch ②, and then the sunshade will be closed automatically. When the sunshade is closed, turn the sunshade switch ② backward, and the sunshade will stop in its current position.

**e** When the sunroof is open, do not forcibly close the sunroof visor.

### Anti-pinch function of sunroof

The anti-pinch function prevents large items from being trapped when the sunroof is closed. If the sunroof 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 in the opening direction and stop moving.

**e** The sunroof anti-pinch function cannot prevent fingers from being pinched.

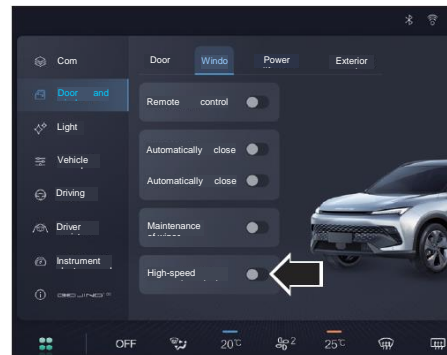
**e** The sunroof shall be maintained regularly according to the Maintenance Schedule.

**⚠** Do not operate the sunroof in an extremely low temperature environment (below  $-20^{\circ}\text{C}$ ). If the temperature is too low, the anti-pinch function of the sunroof may not be activated, resulting in accidents. At the same time, the low temperature will also cause damage to the motor to a certain extent.

### Sunroof remote control function\*

The sunroof can be closed by the key remote control. Short press the unlocking button, long press the lock button for 2 seconds, and then the sunroof starts to close. If the hand is released, the glass will stop moving.


### High-speed automatic closing of sunroof





Turn on/off the sunroof high-speed automatic shutdown function through the center control display. When the vehicle speed exceeds 120 km/h for the first time after the function is enabled, the sunroof will be closed automatically, and the sunroof can be opened again by pulling the sunroof switch backward.

**⚠** Be sure to turn off the sunroof when the driver leaves the vehicle.

**⚠** Be careful when closing the sunroof. Be sure that no one is in the range of the sunroof opening and closing to avoid injury.

 In order to ensure the driving safety, the driver is forbidden to operate the sunroof switch during the vehicle running.

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

 Do not attempt to activate the anti-pinch function with your hands or any part of your body. Otherwise, it is extremely likely to cause serious body injury.

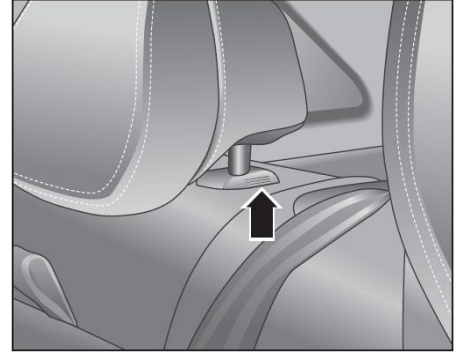
## Rear seat

### The correct sitting posture of rear passenger

In order to ensure safety, the rear passenger should do the following:

- Adjust the head restraint so that the middle of the head restraint is aligned with the middle of the rear passenger's ears, and make the rear side of the head close to the head restraint.
- Keep sitting upright with your back close to the seat back.
- Place your feet in the foot space in front of the rear seats and close to the floor.
- Wear the seat belt correctly.
- When carrying child, take appropriate protective measures according to regulations.

### Adjustment of rear seats head restraint



In order to ensure safety and comfort, please adjust the head restraint to the proper position before vehicle driving.

Move up: grab the two sides of the head restraint, lift the head restraint vertically and move it to the required position.

Move down: Press and hold the lock button first, then move the head restraint vertically downwards, and release the lock button after moving to the desired position.

## Riding vehicle

### Rear seats folding

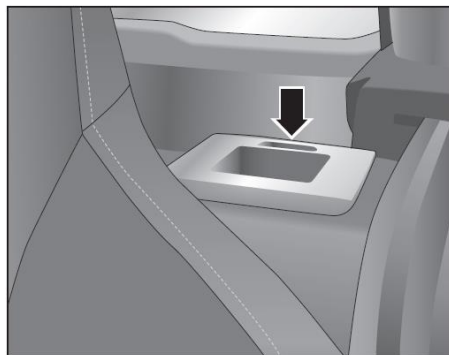
If you need to place large items in the vehicle, you can fold the rear seat back to increase the cargo storage space of trunk.

**i** The left and right sides of the rear seats can be folded separately. When only one side of the rear seats is folded up, the other side of the rear seats is not prevented from carrying passengers.

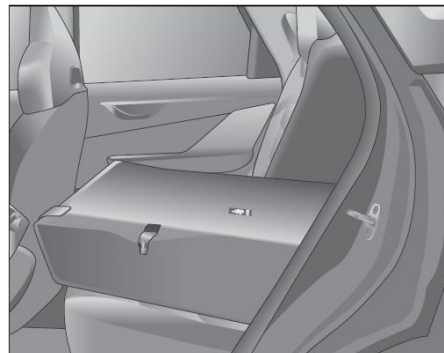
#### Preparation before folding of seat back

- Adjust the front seats forward to the proper position.
- Lower the head restraints of rear seats to the lowest position.
- Move the seat belts on both sides of the rear seats to the outside.

### Folding of seat back



1. Pull upward the unlocking switch on the left seat back;



2. Turn the seat back forward at the same time to realize the folding of the left seat back.

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

When the rear seat back is fully folded, the interior storage space can be maximized.

**e** After the seat back is put down, the maximum bearing of seat back is 100 kg.

### Seat back folding recovery

Move the seat belt to the outside, flip the seat back unlocking switch upward, and then push the seat back to its original position. Shake the seat back and forth to ensure that the seat back is locked.

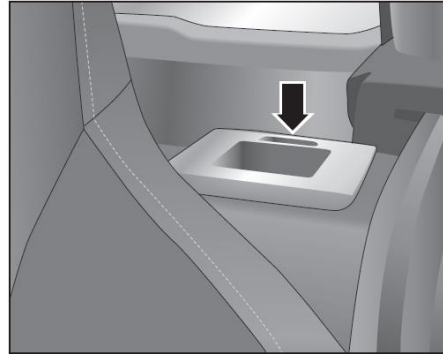
**i** If it is needed to remove the head restraint, press and hold the lock button to remove the head restraint completely.

**⚠** It is forbidden to remove the head restraint; otherwise it will cause serious personal injury in case of accident.

**⚠** After installing the head restraint, the head restraint position must be adjusted according to the height to obtain effective protection.

**⚠** In order to ensure a good view of the interior rearview mirror, the rear middle seat head restraint can be adjusted to the lowest position. When there is a person sitting in the middle of the rear row, the head restraint must be adjusted upward to a proper position.

### Rear seat back angle adjustment\*



Pull the seat back unlocking switch upward, adjust to the desired position, and then release the unlocking switch. Shake the seat back and forth to ensure that the seat back is locked.

**i** The rear seat back angle has two positions to choose.

**i** In the same way, you can adjust the seat back angle of the right side of the rear seats.

### Safe riding of children

#### Correct child's seat

Accident statistics confirm that a child sitting in a rear seat is safer than in the front seat.

It is recommended that a child aged 12 or below and with the height of not more than 1.5 meters sit on a rear seat and choose appropriate a child safety seat or use the existing seat belt according to age, height and weight of the child to ensure the child's safety in the rear seat.

**⚠** Do not allow children to enter the trunk while the vehicle is in motion. In case of accident or emergency braking, the child may be seriously injured.

**⚠** Do not allow the child to stand on the central armrest and jump out of the sunroof with their heads; otherwise they may cause injury during driving.

**⚠** As a driver, you must be responsible for the safety of the child in the car. Do not be distracted by the child while driving.

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

## Riding vehicle

⚠ Never leave the child alone in the car; otherwise, it may cause fatal injury to the child if the temperature in the car is too high or too low.

⚠ The child requires adult supervision when riding. Please select the appropriate child restraint device according to the child's stature.

⚠ When there is a child in the rear row, be sure to turn the child lock to LOCK.



Do not hold infant or child in your arms when driving; otherwise it may cause injury or death to child in case of accident.

### When carrying more than one child

ISOFIX child safety seat anchorages are provided on the seat on both sides of the rear row of the vehicle, which can be used to fix up to 2 sets of ISOFIX child safety seats.

If the child has grown up to wear the seat belt, the oldest child can be placed in the front passenger seat:

- Move the front passenger's seat backward as much as possible.
- Keep the child sitting up straight against the seat back.
- Lower the height of the seat belt and make the child wear and fasten the seat belt properly.

### Assemble child safety seat

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

⚠ If there is no child protection device, the child 12 years old and below and child under 1.5 meters in height should not only use the seat belt in the car; otherwise, the emergency braking or accident may cause injury to the child's abdomen and neck.

⚠ A child safety seat can only be used by one child.

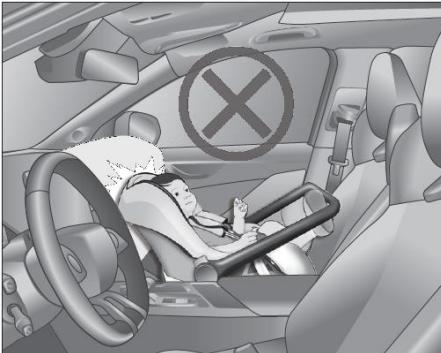
⚠ A seat belt can only be used by one person. Two children are not allowed to share a seat belt.

⚠ It is strictly forbidden to carry children in the cuddling and sitting mode.

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

⚠ It is strictly forbidden to lay the child in the rear seats during driving. Do not leave child in the back without a guardian.





It is forbidden to place the child safety seat facing backward on the front seat of the vehicle. Otherwise, when the airbag is deployed, it will hit the back of the child safety seat with great force, causing serious injury or even death to the child.



A warning sign is attached to the sun visor on the front passenger's side of the vehicle to remind the correct installation of the child safety seat. Be sure to read and follow the instructions on these plates.

Do not use a rearward-facing child restraint system in a seat protected by a frontal airbag (in the active state)!

The child safety seat classification level is for reference only.



0/0+ group child safety seat:

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

## Riding vehicle



### Group I child safety seats:

For infants or toddlers less than 4 years of age and weighing between 9 kg and 18 kg, Group I child safety seats with seat belts are preferred.

Recommended child safety seat model: Babyfirst brand Space Castle-Z (R102C) products.

When using this child safety seat, the child safety seat must be mounted backwards for child weighing no more than 18 kg (reference age 3 years).



### Group II child safety seat:

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




### Group III child safety seat:

For child over 7 years old and weighing between 22 kg and 36 kg and height below 1.5 m, it is best to use three-point seat belt with group III child safety seat.


**i** Child taller than 1.5 m can use the vehicle's existing seat belt, without the need for child safety seat.

**⚠** The upper part of the seat belt must cross from the middle of the shoulder and in no case be close to the neck and fit securely on the body.

 Lower the lap belt of the seat belt, but do not apply to the abdomen, and keep it close to the body, and adjust the seat belt if necessary.

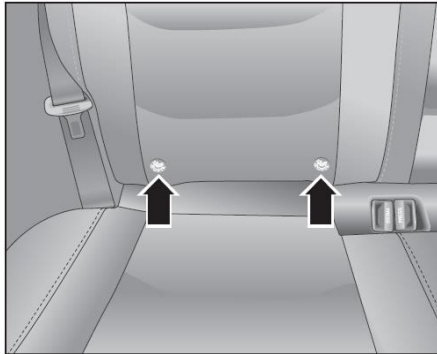
### Correctly install the child safety seat

Before installing the child safety seat in the rear seats, the front seat must be adjusted to the proper position according to the size of the child safety seat and the body shape of the children, so that in case of a collision or emergency braking, children sitting in the rear seats are not possible to hurt by hitting in hard objects, and will not hurt due to deploying of the airbag.

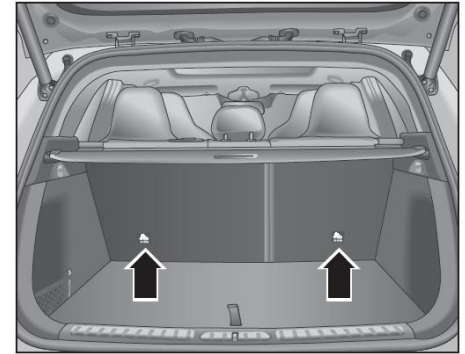
 If the child safety seat is inconvenient to install or the adjustment device is obstructed, the head restraint can be rearranged or removed to install the child safety seat.


### Child safety seat anchorage


One set of ISOFIX child safety seat anchorage is provided on both seat of rear row of vehicle, and each set includes two lower anchorage supports and one upper anchorage support.




The lower anchor support is located in the gap between the seat back and the seat cushion below the "ISOFIX" mark. Please follow the instructions provided by the child safety seat manufacturer to install it.



The upper anchor support is located at the rear of rear seat back (the position is indicated by the icon ).


 The "ISOFIX" upper anchor behind the rear seat of the head restraint can only be used for fixing the "ISOFIX" child safety seat.

 Upper and lower child safety seat anchor support can withstand the load of the child safety seat only. In any case, it is forbidden to use it to fix other articles and equipment.

## Riding vehicle


### The way of using the intelligent child safety seat

Enable the application

Click  Babyfirst on the center control display to enter the application interface.

The Child Occupant Safety Instructions are displayed if the app is enabled for the first time. You can further understand the relevant contents of child occupant safety and child safety seat, installation and guidance, and so on.

From the second time you enable the app, you will be taken directly to the seat home page.

 When installing the app for the first time, apply for relevant permissions, click Allow or Confirm for all.


Bound seat

 Ensure that the OBU's bluetooth is turned on.

1. The seat homepage includes the My Devices seat and Add Devices Function, if no devices are already bound. The user can bind the device by clicking Add Device. Note that the seat needs to be powered (12 V power supply or battery power supply child seat).

2. When the app finds the device successfully, please read the seat connection instructions and click "Connect Device".

3. After the device is connected, that is, the seat is bound successfully, the seat will appear under "My Device", and the above binding action will not be required for reuse.

 No device is found or connection fails. Please read the contents on the application in detail.


Functional use

 Ensure that the OBU's bluetooth is turned on.

Go to the page of details on seat usage by clicking on the list of my seat.

This page displays temperature of seats, battery power of seats when charging, reminder of child leaving the seat, alarm of top tether installation and alarm of ISOFIX installation.

If the seat ISOFIX is connected abnormally or the top tether is installed abnormally, an alarm will be sent out and recorded on the seat section.

 The top tether is detected only after each power-on. After the tension is detected, if the power is not off (12 V power supply is pulled out or the children leave the battery powered seat for 30 seconds), no alarm is given.

When connecting the 12 V power supply, you can turn on/off the seat heating function by pressing the heating button, and turn on/off the heat dissipation and ventilation function by pressing the fan button.

The more setting on this page, the user can turn on/off the alarm sound in more settings (default mute); At the same time, the alarm of ISOFIX and top tether can be turned on/off (the applicable group of R542 C Yao to intelligent child safety seat is 0+1+2 groups, and when using 2 groups, the user can use the car seat belt to turn off the related alarm).

Services and Messages

Users can find Babyfirst official website, video help, e-book in the seat section; At the same time, you can scan the QR code to obtain the services such as trade in and anti-counterfeiting verification.

Seat alarms (such as ISOFIX connection abnormality, top tether installation abnormality), fault information (fan failure or heating failure) will be saved in this page, and the user can read, delete and so on.

## Riding vehicle

### Fixed position corresponding to the child safety seat

Quality Group	Size category	Fixing module	Fixing position		
			Front passenger seat	Seat on both sides of the rear row	Rear middle seat
Portable 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+ : <13 kg	E	ISO/R1	X	IL*	X
	D	ISO/R2	X	IL*	X
	C	ISO/R3	X	IL*	X
Group I: 9-18 kg	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: 15-25 kg			X		X
Group III: 22-36 kg			X		X

Note: The meanings of the letters in the form are:

IUF - Universal ISOFIX child safety seat with "facing forward" fixed by top tether applicable to this quality group.

IL - Semi-universal ISOFIX child safety seat suitable for installation in one of the following ways:

- Fix with top tether or support leg in the manner of "facing back";
- Fix with support leg in the manner of "face forward";
- Secure an infant seat with top tether or support leg.

X - Not applicable to the child safety seat or infant seat of the child weight indicated.

\*: Child safety seat with support leg should be installed with care. Please refer to the installation instructions of the child safety seat manufacturer.

\*\* : The infant seat is secured by two low ISOFIX retaining rings, occupying two rear seats.

**Suitability of child safety seat in seats fitted with airbag or curtain airbags**


Table of applicability of airbag condition to child safety seat

Applicable group	Front seats		Rear outboard seats		Rear middle seat
	Airbag ON	Airbag OFF	Forward mounting	Backward installation	
Group0	X		X	U	X
Group0+	X		X	U	X
Group I	X		U	U	X
Group II	X		U		X
Group III	X		U		X

U - Applicable to general child safety seats approved by the quality group

X - This seat position is not applicable to the child safety seat of this quality group.



The vehicle can be intelligent with Babyfirst to i-Size (R542C). Please click the button  at the bottom left of the center control display to enter the interface, find the Babyfirst center control display, and follow the "installation guide" of the APP or refer to the center control display manual.

## Riding vehicle

### Child safety lock



Be sure to turn the child lock to the locked state when there is a child in the rear row.

Toggle the child lock lever to the lower right of the left rear door to enable the child safety lock; Pull the child lock lever to the lower left to release the child safety lock. For the right rear door, move the child lock lever to the lower left to enable the child safety lock; Pull the child lock lever downward to the lower right to release the child safety lock.

**i** In order to prevent the interior child from inadvertently opening the rear door, causing accidents, it is recommended to enable the child safety lock when taking the child.

**i** A door in which the child safety lock is enabled so that the door can only be unlocked from the outside of the vehicle.

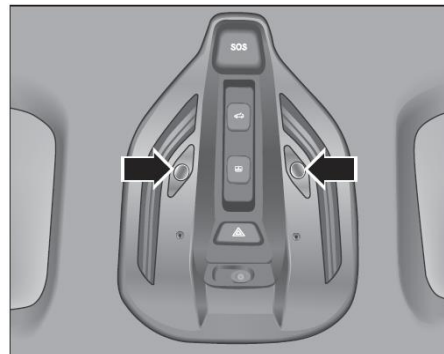
**i** Both rear doors are equipped with child safety locks.

**e** After the child safety lock is enabled, the door cannot be opened from inside the vehicle. When the rear door can't be opened with an inside handle, the child safety lock may be working. Don't pull the inside handle hard to avoid damage.

### Interior equipment

#### Interior light

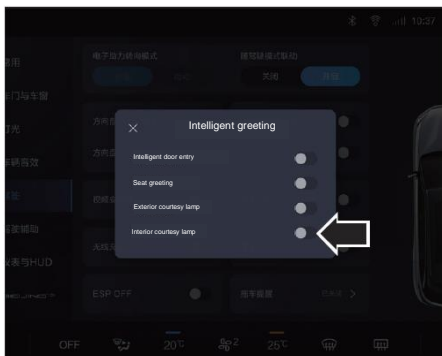
#### Front reading lamp



Touch the reading lamp shade, and the corresponding reading lamp will be lit; The reading lamp will go out after 10 minutes or if the lamp shade is touched again within 10 minutes.

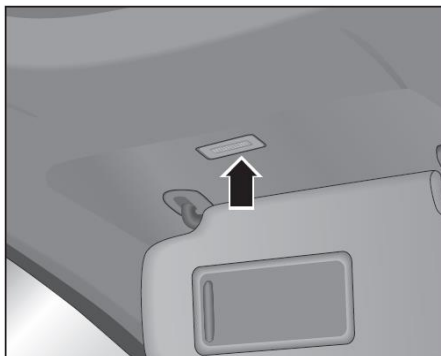


## Vanity mirror lamp



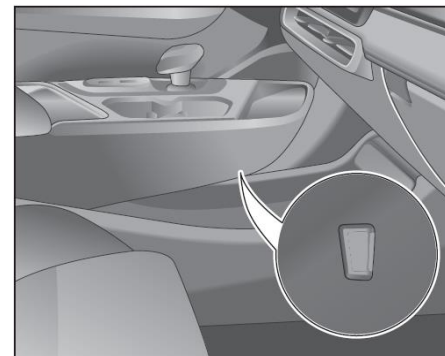
The interior courtesy lamp can be turned on/off through the center control display.

When the vehicle is turned off, the front reading lamp will turn on. After closing all doors, the front reading lamp will gradually go out. If any door is not closed, the front reading lamp will stay on about 30 seconds and then go out.



Turn on the sun visor, slide and open the vanity mirror cover on the sun visor, and the vanity mirror lamp is on. Close the vanity mirror cover and the vanity mirror lamp goes out.

## Console lamp

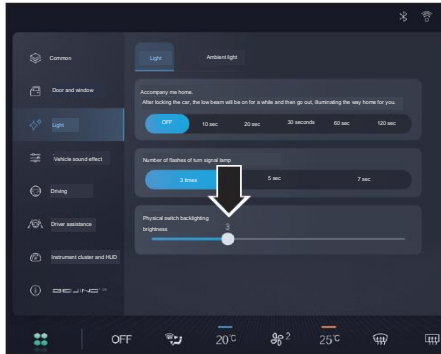


There is a lamp under the console to illuminate the area under the console.

After turning on the position lamp, the console will light up; after turning off the position lamp, the console light will go out.

## Riding vehicle

### Adjustment of backlight brightness



When the position lamp is on, the physical switch backlight brightness can be adjusted by the center control display.

### Rear lamps




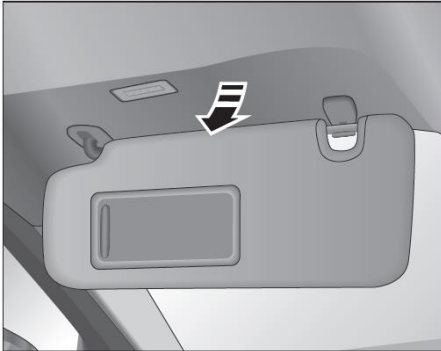
Press the lamp cover panel, and the rear lamp will go on. Press the lamp cover panel again, and the rear lamp will go out.

### Grab handle

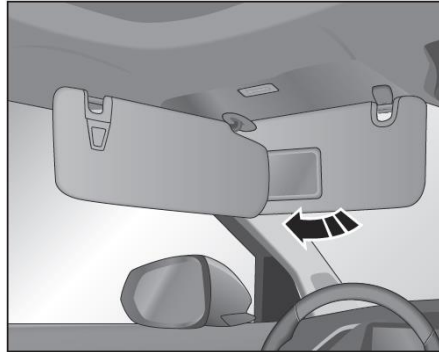


When the vehicle is running, passengers can use the grab handle to maintain their balance. When using the grab handle, just pull it down and release it. It'll be automatic to reset.


 Do not hang heavy objects or place heavy loads on the grab handle to avoid damage.

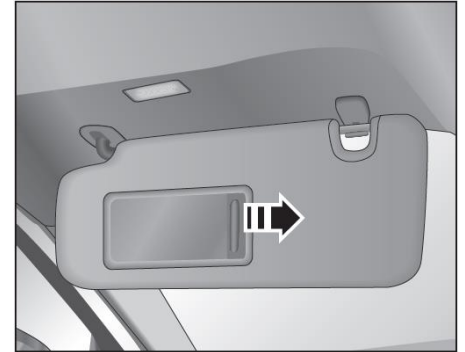
**Sun visor****Turn down the sun visor**

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


**Side overturn sun visor**

First, open the sun visor downwards, then remove the hinge on the right side of the sun visor from the hook, and then turn the sun visor to the window to block the sunlight from the side of the door.

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

**Vanity mirror**

Slide the vanity mirror cover on the sun visor and you can use the vanity mirror.

 When driving the vehicle, it is forbidden to use the vanity mirror to avoid being hurt in emergency braking or collision.

## Riding vehicle

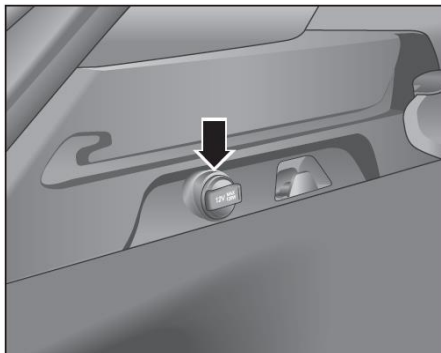
### 12 V power outlet

#### Central armrest 12 V power supply





The 12 V power outlet in the central armrest is located at the front of the central armrest. Open the 12 V power outlet protective cover, and use the vehicle power plug to get electricity through the power outlet.

### 12 V power supply in the trunk




The 12 V power outlet in the trunk is located on the left side of the trunk. Open the 12 V power outlet protective cover, and use the vehicle power plug to get electricity through the power outlet.


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


 Do not leave the child alone in the vehicle. When the start / stop button is turned on, the child may misuse the socket and the electrical equipment connected to it. If the electrical equipment is overheated, turn off the electrical equipment immediately and unplug it from the socket.


### DLC


#### Front USB interface


 Only when the keyless start/stop button is in the "RUN" mode, the USB interface and the 12 V power supply are powered.

 When the engine is not started, it shall be avoided to take power for a long time, so as not to cause low battery power.

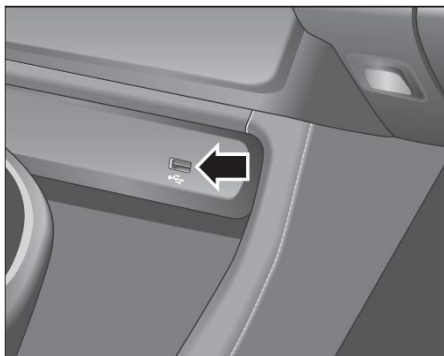
 Do not use the electrical equipment exceeding the allowable maximum power to avoid vehicle failure or serious accident.

 If the connected electrical equipment is overheated, immediately turn it off and remove the plug from the electrical outlet to avoid fire.

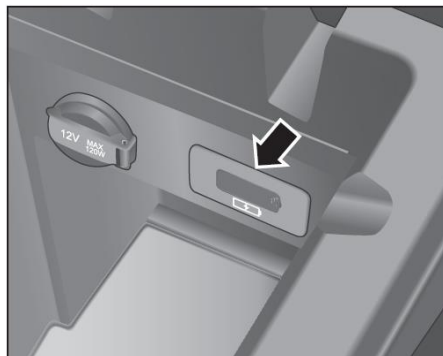
 Do not let the child play with the electrical outlets and the electrical equipment connected to them to avoid accidents.

 After using, the power outlet protective cover should be covered in time to prevent foreign matters from falling into it and causing danger.

## USB interface of central armrest



USB interface: used to connect USB devices.



The USB interface only supports charging function and does not support multimedia playback.

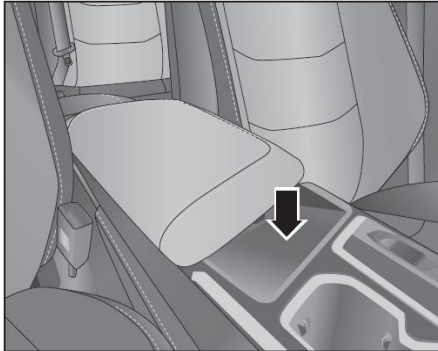
## Rear USB interface



The rear USB port is located at the rear of the central armrest box. The USB port only supports charging function, but does not support multimedia playback.

## Riding vehicle

### Mobile phone wireless charging\*



The wireless charger can charge a mobile phone equipped with a wireless charging function. The wireless charging function can be turned on or off under the "Driving" menu of the center control display vehicle settings.

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

**i** Not all mobile phones can be wirelessly charged, and only Qi wireless charging protocol mobile phones support wireless charging.

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

**i** Wireless chargers can only charge one mobile phone at a time.

**i** Wireless charging may intermittently stop and resume when the vehicle is driving on bumpy roads.

**⚠** If the charging area is used as a storage box, the wireless charging function needs to be turned off.

**⚠** Do not put metal objects, such as coins, metal keys, and metal rings, together with the mobile phone for charging. Otherwise, abnormal functions may occur and result in safety accidents.

### Mobile phone forgetting reminder function

When the mobile phone is located in the wireless charging device, set the power switch to "OFF" gear and open the left front door. The vehicle will give a prompt sound, while the combined instrument prompts "please take your mobile phone with you when you get off" to remind you not to forget the mobile phone.

### In-car storage space

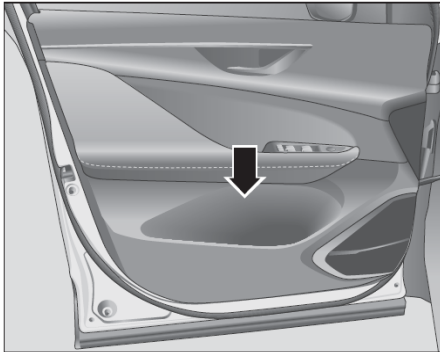
**👁** Do not place heat-resistant items such as chocolate or medicine and unsealed tea cups in the car storage box.

**⚠** Do not place any flammable and explosive article in the vehicle, such as gas lighter, spare gasoline, alcohol, beer, etc. Especially in a hot summer, these articles will cause a closed container to explode or catch fire under the high temperature inside the vehicle.

**⚠** Do not use lighters for lighting in storage areas.

**⚠** There is relative movement between metal parts in many places in the vehicle. Do not leave hazardous substances such as gas lighters on the seat slides, the engine compartment, etc. Once the hazardous substances are squeezed and cracked, it may cause explosion or even fire accidents, causing serious damage to life or property.

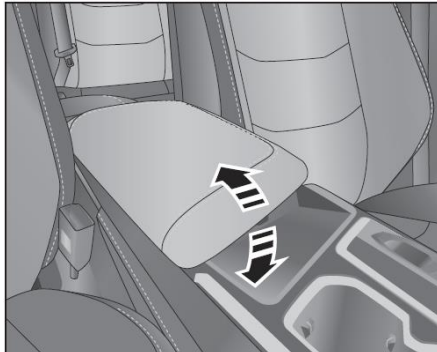
### Storage box on the door interior trim panel on driver side



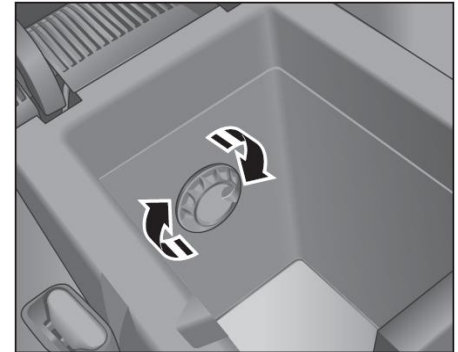
The storage box on the door interior trim panel on driver side can be used to store items such as drink bottles.

The position of the storage box on the interior trim panel of other doors is basically the same.

### Storage box of front center armrest



Pull up the front part of the center armrest to open the compartment lid. Press down to close the compartment lid.

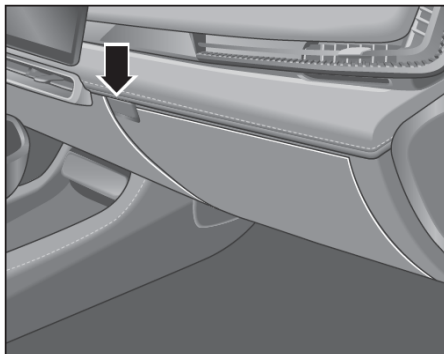


When the cooling function of the A/C is turned on, cold air can be blown into the storage box through this air outlet. This air outlet can be rotated according to actual needs. Adjust the air volume size or close the air outlet.


The cooling temperature is then adjusted to the exhaust air outlet temperature.


## Riding vehicle

### Glove box

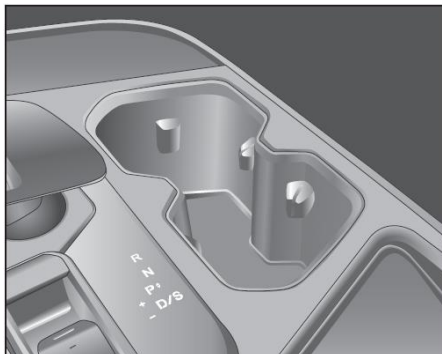


Press the glove box switch to open the glove box, and push the glove box cover up to close the glove box.


 When storing the liquid container in the glove box, its sealing cover should be tightened to avoid the damage of vehicle electrical appliances caused by the outflow of liquid.

 The glove box cover should be closed when the vehicle is running, so as to avoid personal injury in case of emergency braking or accident.

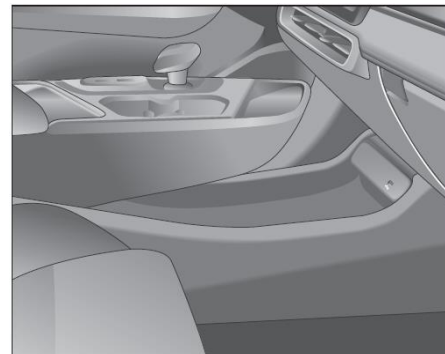
### Positioning groove of front tea cup



Drink bottle or sealed cup can be placed in positioning groove of front tea cup.

 Do not use the cup holder as an ashtray.

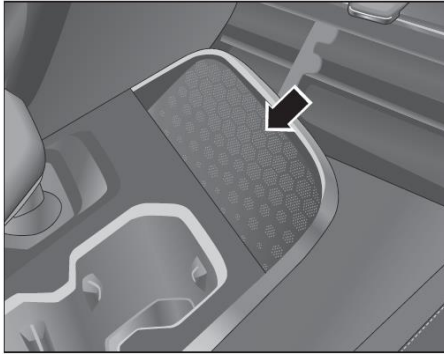
### Front row storage box



A storage box is provided under the center control display, which can be used to store light or small articles.

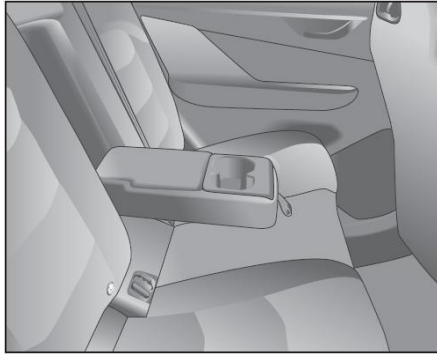


Front seat storage slot



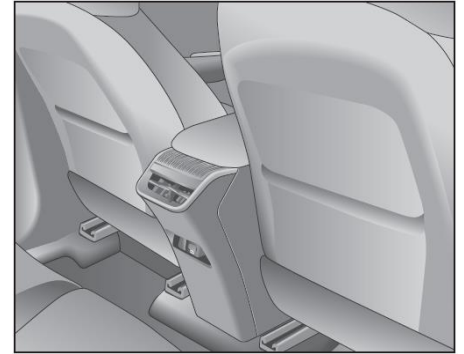
There is a storage slot in front of the gearshift lever for placing mobile phone, tickets, cards and other small items.

Rear seat center armrest (with cup holders)





Pull down the seat center armrest to open the rear seat center armrest. When flipping back the center armrest, push it into the rear seat back.

Front seat back storage bag



The storage bag behind the front seat back can be used to store light and soft items such as newspapers.


 If too thick articles are placed, it will easily affect the comfort of the rear passengers, and it may lead to unrecoverable deformation of the storage bag.


 Only light items can be placed in this storage bag. Do not place heavy, hard, sharp edges or fragile objects.


### SRS

#### Description of SRS

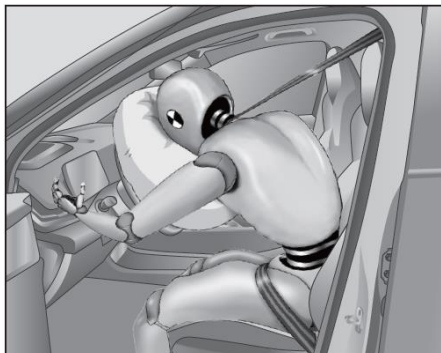
The SRS plays an auxiliary protective role. In order to give full play to the protective role of the triggered airbag system, drivers and passengers must maintain a correct sitting posture, and children also need to use appropriate child seats for protection.

 Airbag can only be used as an auxiliary protector, and cannot replace the protective effect of seat belt.

 The dust generated during airbag deployment can irritate skin and eyes, and for people with diseases of respiratory system, this dust can cause breathing problems. After the airbag is deployed in an accident, clean all exposed skin thoroughly with clean water and mild soap.

 After the airbag is deployed, the parts of the SRS will be hot. Do not touch it to avoid scalding.

#### Airbag function




In case of a serious collision of the vehicle, the SRS will quickly turn on one or more gas-filled air cushions between the occupants and the car body to mitigate injuries.

In case of a serious vehicle collision, the airbag will deploy rapidly in a very short time, and then deflate and contract to alleviate the inertial impact of human body. Therefore, the drivers and passengers must maintain the correct seating position and wear safety belts correctly, so as to effectively obtain the protection of the airbag.

In case of a serious collision, drivers and passengers who do not wear seat belts cannot control themselves, and will move randomly or be thrown out of the vehicle. Even if the airbag deploys rapidly, it cannot protect the human body effectively.

The normal seating position of the driver and passengers must be kept at a proper distance from the frontal airbag in the front row, so that the airbag can be fully deployed when triggered, effectively protecting the driver and passengers.

 In case of vehicle collision, the decisive factor of whether the airbag is triggered is related to the collision energy, collision type, collision angle, obstacles, vehicle speed and other factors. Therefore, even if the vehicle is seriously damaged, the airbag may not be triggered.

#### Operating conditions of airbag

When the start/stop button is in "RUN" mode, the instrument cluster SRS fault indicator lamp must be in normal condition (normal condition: warning lamp illuminates for a few seconds and goes out in normal use).

There is no water immersion in the passenger compartment of the vehicle (if water immersion occurs in the vehicle, it may cause a short circuit of the airbag control unit and cause the SRS to fail to function properly).

**SRS fault indicator lamp**

The SRS fault indicator lamp on the instrument cluster will alert the driver that the SRS system is faulty. When the Start/Stop button is in "RUN" mode, the warning lamp lights up for a few seconds and then goes out during system self-check.

If the following phenomena occur, it means that the SRS is faulty. At this time, the airbag and seat belt pretensioner may not work normally In case of a collision. Please go to the BAIC MOTOR franchised dealer for inspection in time:


- With the start/stop button in "RUN" mode, the SRS fault indicator lamp does not light up when the instrument cluster carries out self-test.


- When the start-up/stop button is in the "RUN" mode, the SRS fault indicator lamp is always on.
- When the vehicle is running, the SRS fault indicator lamp will light up.


**Maintenance and scrapping of airbag**


The parts of SRS are installed in different positions of the vehicle. Any operation of the SRS or disassembly of the SRS components due to maintenance of other parts of vehicle must be carried out by professional technicians; otherwise the SRS may be damaged, resulting in abnormal triggering of the SRS or no triggering 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 safety detonated by a professional.

 Do not use solvent-containing cleaner when cleaning steering wheel or instrument panel. Otherwise, the plastics may become brittle and deform. Once the airbag is triggered, the broken airbag may seriously injure the driver and passengers.

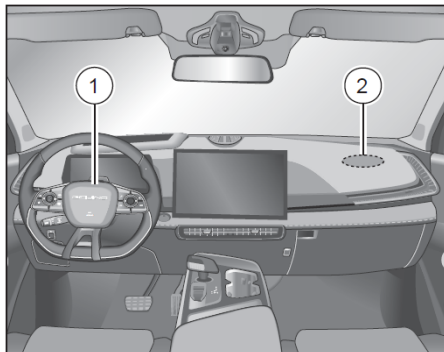
 Do not try to repair, remove, or install any part of the SRS by yourself. If the maintenance of SRS is carried out by non-professional personnel, the potential risk of injury or death will be increased. If the SRS is not properly maintained, the airbag may not deploy or deploy when it should not In case of an accident.

 Do not attempt to modify the front bumper or body structure by yourself.

 The airbag can only be triggered once, and the whole SRS component must be replaced after triggering.

## Riding vehicle


### Front seat frontal airbag



The driver's frontal airbag ① is located in the middle of the steering wheel.

The front passenger frontal airbag ② is located in the instrument panel above the glove box.

The frontal airbag deploys when the vehicle is violently impacted on the front, and may also deploy due to similar impacts (such as hitting the ditch on the road). It may not deploy and expand in case of certain front collision (such as when the front of vehicle collides with fine columnar objects such as trunk and electric poles). The extent of damage to the vehicle is not a sufficient condition for frontal airbag to deploy.


 The frontal airbag deploys or retracts in a short period of time, only works once, and does not provide protection in a second impact that follows.

Please contact the BAIC MOTOR franchised dealer as soon as possible in case of any of the following:

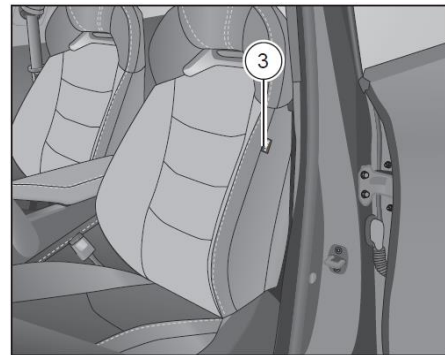
- The frontal airbag has deployed.
- The front of the vehicle has been involved in a collision, but the frontal airbag has not deployed.
- The upper part of the driver's frontal airbag or the upper part of front passenger's frontal airbag is cracked or otherwise damaged.

The airbag is equipped with vents. In case of accident, the airbag shall deploy instantaneously. When the airbag is fully deployed, it begins to deflate to reduce impact injury to the head, chest and other parts of the driver's body. At the same time, the driver shall maintain forward vision and perform steering or other operations.


It is normal for the airbag to make a loud noise as it deploys, followed by a small amount of soot.


 To ensure the best protection function in case of severe impact, please keep the correct sitting posture.


### Front side airbag



Front side airbag ③ is located on the outside of the front seat back.


 It is forbidden to place any article between the driver, front passenger and door. Otherwise, it will hinder the side airbag from deployment and affect its protective function.

 Do not block the seat side airbag with the seat cover; otherwise the deployment of the side airbag will be hindered.

 It is forbidden for the driver and front passenger to lean their heads or bodies against the door, or put their arms on the door or stretch them out of the window. Otherwise, they may be injured when the side airbag deploys.


In a side collision of vehicle, the side airbag determines whether an airbag is deployed based on the strength, impact angle, speed, and impact point of the side collision. In some side collision, the side airbag may not deploy. The damage degree of the vehicle is not a sufficient condition for the deployment of the side airbag.

In some collision, the side airbag does not deploy, and if the seat belt is not worn, it can cause personal injury. The SRS can only play its best protective role when combined with the worn-properly seat belt, so all drivers and passengers must always wear the seat belt properly.

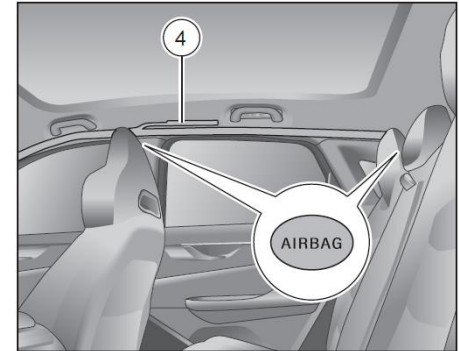
 The side airbag may also not deploy In case of a strong side impact to the vehicle engine compartment and trunk.

Please contact the BAIC MOTOR franchised dealer as soon as possible in the following cases

- Either side airbag has been deployed.
- The door part suffers collision, but the side airbag has not been deployed.
- The seat back with side airbag is scratched, cracked or otherwise damaged.

 To provide the best protection function in case of severe side impact, please keep correct sitting posture (refer to "Correct sitting posture of driver and passenger").

### Side curtain airbag



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

In case of a vehicle side collision, the system may trigger a side curtain airbag on the collision side of the vehicle.

Once triggered, the gas generator produced gas will quickly fill the side curtain airbag. The side curtain airbag deploys rapidly to cover the side windows and door pillars, providing protection for the human head.


## Riding vehicle


To provide the ideal additional protection In case of an accident, the side curtain airbag will deploy rapidly in an instant. It is normal that a small amount of smoke may be released when the curtain airbag deploys.


In case of severe collision on the side of the vehicle, the gas-filled side curtain airbag can effectively reduce the risk of head and upper body injuries to the driver and passengers.


When the vehicle suffers a certain side collision, whether the side curtain airbag is deployed or not depends on the intensity of the collision, the collision angle, the speed and impact point of the collision. Side curtain airbag does not deploy in all side collision accidents, and does not deploy in frontal collision, rear collision, or most rollovers.

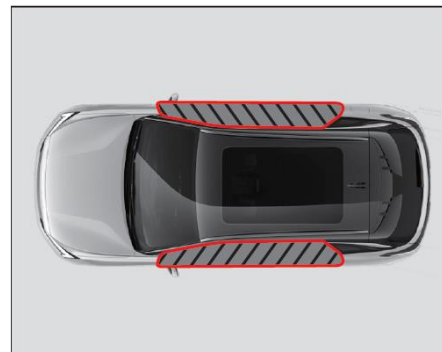
Frontal airbag, side curtain airbag, and front seat side airbag may deploy simultaneously when certain collision occurs to the vehicle.

 The side curtain airbag provides additional protection in case of a severe side collision. It is not a substitute for the seat belt.

 It is forbidden for drivers and passengers to lean on the door, or put their arms on the door or stretch their arms out of the window. Otherwise, the side curtain airbag will cause injury when it deploys.


 The side curtain airbag expands and contracts in a very short time and can only work once, and does not provide protection from a second side impact that may occur later.

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

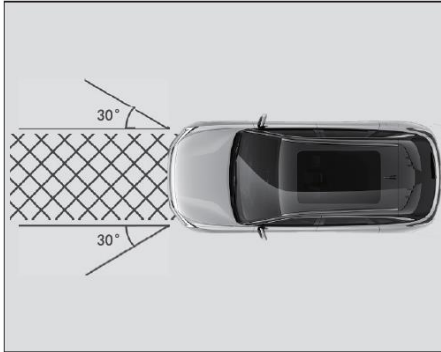


Please contact the BAIC MOTOR franchised dealer as soon as possible In case of any of the following:

- Either side curtain airbag has already been deployed.
- The vehicle side wall suffers collision, but the side curtain airbag has not been deployed.
- The exterior trim panel of the side curtain airbag is cracked or otherwise damaged.

 To provide the best protection function in case of severe impact, please maintain the correct sitting posture (refer to "correct sitting posture of drivers and passengers").

### Situations where the airbag may deploy



If the impact is received in the direction within about 30° in front of the vehicle and exceeds the set critical level, the frontal airbag may deploy.

If other protective devices are installed in front of the vehicle, the sensor will not be able to sense the impact properly, which will hinder the normal operation of the frontal airbag.

If the side of the vehicle is impacted to the extent that the set critical level is exceeded, the side airbag may be deployed.



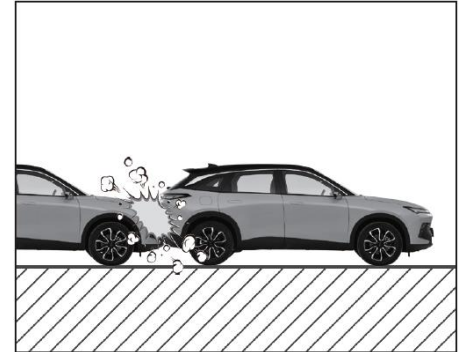
Please wear your seat belt correctly; otherwise, in case of an accident, the deployment of the airbag may impact the occupants, resulting in serious injury or even death.

### Situations where the airbag may not deploy

In a collision, the airbag determines whether to deploy based on the strength, impact angle, speed, and impact point of the collision.

In many collision accidents, such as rear-end collision, side collision, oblique collision, rollover, frontal collision with thinner columns, the airbag may not deploy.

### Rear-end collision or collision



In case of rear-end collision or collision, the driver and passengers will move to the seat back due to inertia, and the airbag deployed from the front will not protect the driver and passengers, so the frontal airbag may not deploy at this time, and the side airbag and side curtain airbag will not work.

## Riding vehicle

### Side collision



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



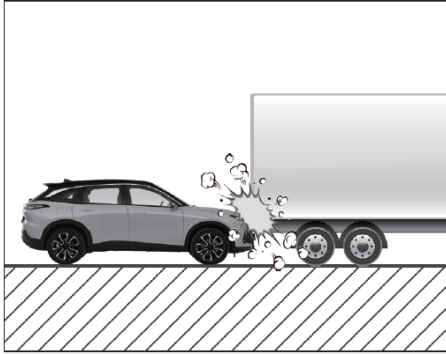
In case of a side impact outside the passenger compartment, where the body is subjected to a weak collision, the frontal airbags, side airbags and lateral curtain airbags do not operate.

### Oblique collision (angled collision)

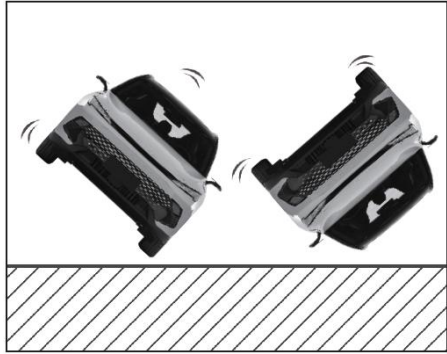


In case of a side collision, the driver and passengers will be displaced laterally, so the airbag deployed from the front will not protect them. At this time, the frontal airbag may not deploy, while the side airbag and side curtain airbag may deploy.



**Rear-end collision**

In case of a rear-end collision with a large truck, the driver instinctively makes emergency braking, and the front of the vehicle body sinks at this time. Due to the high ground clearance of large trucks, the front of the vehicle will enter the bottom of the truck, and the collapse deformation of the front of the vehicle will absorb the impact energy. The collision deceleration does not meet the airbag deployment conditions, and the airbag may not deploy at this time.

**Rollover accident**

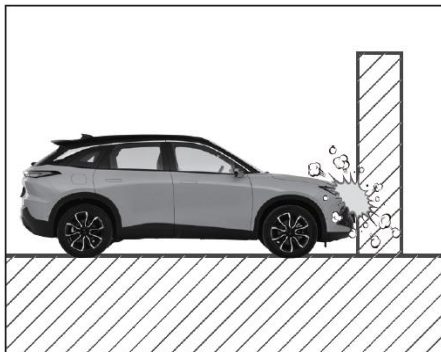
The frontal airbag may not deploy in a rollover accident, and at this time, the frontal airbag cannot provide appropriate protection for the driver and passenger either. However, if the vehicle is equipped with side airbag and side curtain airbag, these airbags may deploy when the vehicle rolls over due to a side collision.

**Special collision**

If the vehicle collides with some fine objects such as electric poles or trees, in such collision, the collision points will concentrate in one place and quickly absorb the collision force through the severe deformation of the vehicle, and not transmit it to the airbag sensor. The airbag may not deploy at this time.

The airbag will not deploy if there is a slight collision on the car body, and the collision strength does not meet the airbag deployment conditions.

## Riding vehicle



When the front of the vehicle hits a wall, and the body suffers a slight collision, but the collision strength does not meet the conditions for airbag deployment, the frontal airbag will not deploy, and the side airbag and side curtain airbag do not work.

### Collision at the bottom of the vehicle

If the vehicle suffers severe impact, such as falling or leaping steps, hitting curbs or hard objects, crossing deep potholes, even if the vehicle is slightly deformed, the airbag may be deployed when the detected deceleration reaches airbag deployment condition due to the impact of rigid vehicle.

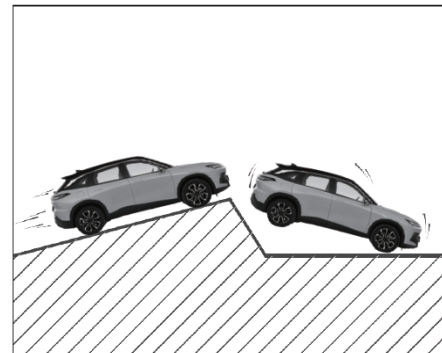
#### Hitting a curb or hard object



### Crossing a pit

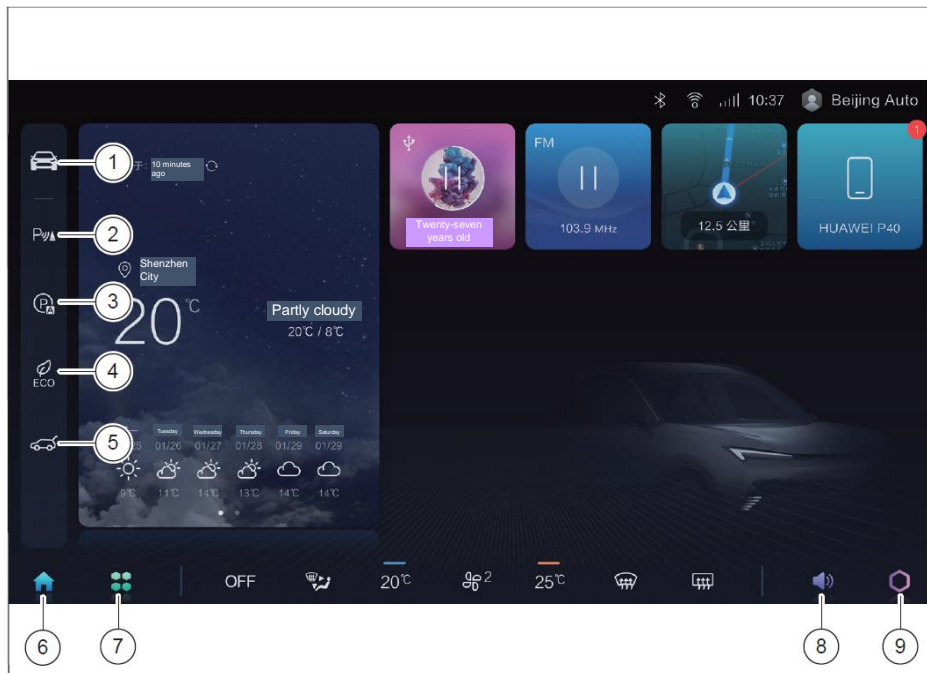


### Falling or leaping steps



## Center control display and front passenger panel

## Center control display



1. Vehicle control setting
2. UPA switch
3. Parking assist switch\*
4. Driving mode switch
5. Trunk OPEN button
6. Main interface
7. APP interface
8. Volume adjustment
9. Voice assistant

### A/C

#### A/C system

The vehicle A/C system is a device that realizes the refrigeration, dehumidification, heating, ventilation and air purification of the air in the vehicle.

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

Running A/C system adds extra load and fuel consumption to the engine machine, and it should be turned off when it is not needed.

If the ambient humidity is high, the windshield may be slightly fogged when the A/C system is turned on, which is a normal phenomenon. After the air conditioning system operates for a period of time, the fogging phenomenon will disappear.

When the blower is turned off or the temperature is near zero, the A/C will stop generating cold air.

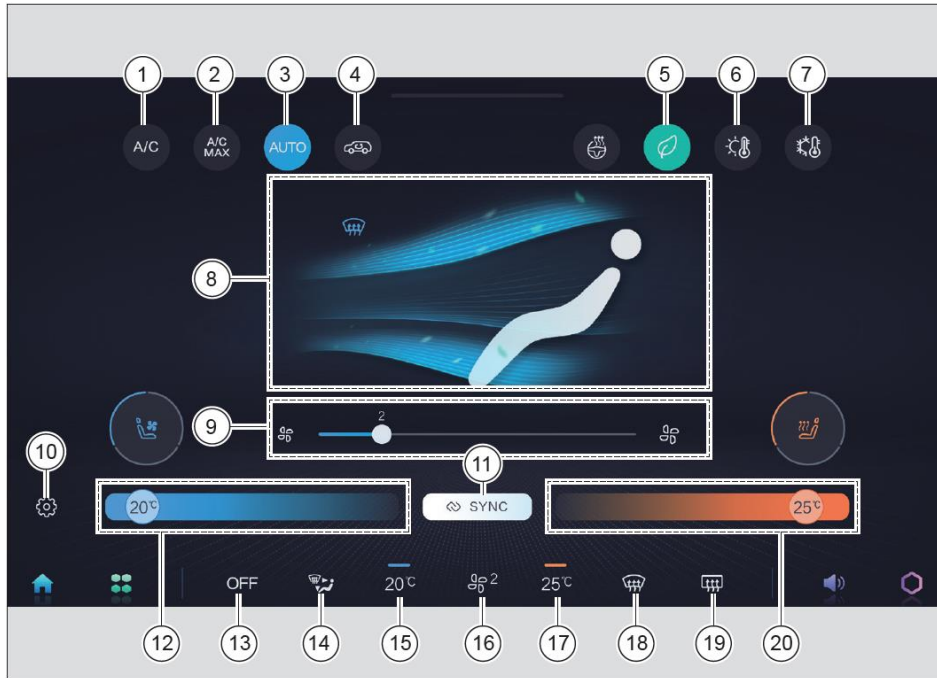
**i** The A/C works only when the engine and blower are turned on. The A/C will stop cooling when the blower is turned off or the outside temperature is near zero.

**i** In order to keep the A/C system in good condition, make sure that the A/C system is running at least once a week (even in cold winter).

**i** The A/C exterior air inlet located under the front of the front windshield should be kept clean and unobstructed to ensure the normal outside air intake of the A/C system.

**i** In summer, the vehicle is exposed to the sun, the interior temperature will be very high, short-term window and sunroof ventilation, conducive to quickly reduce the interior temperature.

## A/C control interface



1. A/C on/off key (A/C key)
2. A/C MAX key
3. Full automatic operation key (AUTO key)
4. Recirculation/fresh air selector button
5. Air purification switch\*
6. One-touch heating
7. One-touch cooling
8. Mode switching area
9. Fan speed control area
10. A/C setting button
11. Switching button (SYNC key) in the single/dual temperature area
12. Left temperature control area
13. System shutdown key (OFF key)
14. Mode switching button
15. Temperature adjustment button in the left temperature area
16. Air volume adjustment button
17. Right temperature zone temperature control button
18. Front windshield defrost/defog button
19. Rear windshield defrost/defog button
20. Temperature regulation area of the right temperature area

### 1. A/C system on/off key (A/C key)

Touch ON/OFF button (A/C) of the A/C system and the compressor will start to run. Touch this button again and the compressor will stop running.

When the system is in full automatic running mode, press this key to exit the automatic running state of the A/C system. Only when the full automatic running key is pressed again, the A/C system will resume automatic running.

### 2. A/CMAX key

After the touch is turned on, switch to the air volume to reach the highest gear, start the internal circulation, AC on, face blowing mode, maximum cooling. After touch again, turn off the A/CMAX function and enter the state before A/CMAX.

### 3. Full automatic operation key (AUTO key)

Touch the AUTO button A/C system to enter the fully automatic operation mode. In this mode, touch mode switch, air volume adjustment, A/C key, inner/outer circulation switch key, front windshield defrost/defog button any key. Then, the system will execute the key command, and exit AUTO state. Other functions that were originally automatic to run continue to be controlled automatically by the system. Touch the rear windshield defrost/defog button and temperature adjustment, and then AUTO mode will continue to operate without being affected; Touch the shutdown button, and then the A/C system stops running and the control unit shuts down.

### 4. Recirculation/fresh air selector button

The circulation status can be switched by touching the recirculation.

### 5. Air purification switch\*

By touching the air purification switch, the air purification function can be turned on/off, and the ION (Anion Air Purification) function and AQS (Air Quality Control system) function can be turned on at the same time.

### 6. One-touch heating

Touch one-button heating button, and then the A/C will start AUTO mode, the temperature will be adjusted to HI, and the seat heating \* and steering wheel heating \* functions will be enabled. Touch this button again to exit the mode, and the A/C reverts to the previous state.

Under the one-touch heating state, when the AUTO key is operated, the AUTO and one-touch heating are unchanged; When the temperature or AUTO indicator lamp goes out by operating other keys, the one-touch heating function will be turned off and the A/C will enter the user-set state.

### 7. One-touch cooling

Touch the one-button refrigeration button, and then the A/C will enable the AUTO mode, and the temperature will be adjusted to LO, and at the same time the seat ventilation \* function will be turned on. Touch this button again to exit the mode, and the A/C reverts to the previous state.

Under the condition of one-touch cooling, the AUTO and one-touch cooling will not change when operating the AUTO key; When the temperature or AUTO indicator lamp goes out by operating other keys, the One-touch cooling function will be turned off and the A/C will enter the user-set state.

**i** When the A/C system is cooled, there may be water stains on the floor under the vehicle, which is normal.

### 8. Mode switching area

By touching face-blowing, foot-blowing, and window-blowing area, you can switch the air mode as:

- Separately touch the face-blowing area: the airflow blows to the face.
- Separately touch floor air outlet area: the airflow blows to the foot.
- Separate touch window blowing area: the airflow blows to the front windshield.
- Simultaneously touch top air outlet area and floor air outlet area: airflow blows to the face and feet.
- Simultaneously touch window blowing area and floor air outlet area: airflow blows to the front windshield and feet.

In order to improve comfort during mode switching, the air volume gradually reaches the set gear with the mode switching.

### 9. Fan speed control area

This area can adjust the air volume of the A/C air outlet and display the corresponding air speed gear.

In the fan speed control area, drag the gear icon to the right to increase the wind speed. The maximum wind speed is 8th gear.

In the fan speed control area, drag the gear icon to the left to decrease the wind speed. The minimum wind speed is 1st gear.

In standby, touch the air volume multiple key or air volume reduction key, and the A/C system will be turned on.

### 10. A/C setting button

Touch this button to set the A/C self-drying, early ventilation, automatic defogging, and adjust the comfort of the automatic A/C (soft, standard, powerful).

### 11. Switching button (SYNC key) in the single/dual temperature area

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

Only the left set temperature can be adjusted in the single zone mode, that is, when the left set temperature increase/decrease key is adjusted, the right set temperature will also increase/decrease; If you adjust the setting temperature on the right side in single zone mode, the system will enter the dual zone mode and the setting temperature on the right side will change, but the setting temperature on the left side will remain unchanged.

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

When the system is in full-automatic running mode, touch this system to remain in full-automatic running state.

### 12. Left temperature control area

This area can adjust the outlet air temperature of the left temperature zone, and the set temperature of the left temperature zone is displayed above.

In the left temperature control area, slide to the right to set the temperature to increase. When the set temperature is 31°C, increase the outlet air temperature again to enter the maximum heating operation system, and the set temperature will display as HI.

In the left temperature control area, slide to the left to set the temperature to decrease. When the set temperature is 17°C, reduce the outlet air temperature again, enter the maximum cooling operation state, and the set temperature shall display LO.

### 13. System shutdown key (OFF key)

When the A/C system is turned on, touch the system OFF button and the system enters the standby. In this state, the corresponding function can be operated by the mode switch key, and the system is still in the standby.

### 14. Mode switching button

When it comes to non-A/C interface, touch this key to call up the A/C interface; When it comes to A/C interface, touch this key to exit the A/C interface.

### 15. Temperature adjustment button in the left temperature area

In non-A/C interface, touch this button to quickly adjust the left temperature zone to outlet air temperature.

### 16. Air volume adjustment button

When non-A/C interface, touching this key can quickly adjust the air volume of the A/C outlet.

### 17. Right temperature zone temperature control button

When at the non-A/C interface, touching this key can quickly adjust the right temperature zone outlet air temperature.

### 18. Front windshield defrost/defog button

Touch the front windshield glass defrost and defog the fog button, and then the system enters the front windshield defrost and fogging mode, at which time the button indicator light is lit. Touch the button again and the front windshield defrost and fogging mode turns off, at which point the key indicator is off.

**i** During defrosting, when outside temperature is low, in order to avoid windshield defrosting, it can open one-button defrost mode or turn on the maximum defrost function to ensure driving safety first. After the frost is removed, the defrosting foot blowing mode can be turned on in consideration of driving comfort, and the air volume and setting temperature can be adjusted according to actual needs. It is recommended to appropriately increase the temperature in low temperature environments.

**i** During defogging, if you feel the temperature is low, you can adjust the outlet air temperature by manual adjustment of the A/C temperature control button, so as to ensure the comfort in the car and the efficiency of defogging.

### 19. Rear windshield defrost/defog button

Touch the rear windshield the defrost/defog button to activate the function, and the button indicator lamp will light up. Touch the rear windshield the defrost/defog button and turn it off after about 15 minutes, or turn it off manually.

### 20. Temperature regulation area of the right temperature area

The area can adjust the outlet air temperature in the right temperature area, and the right temperature zone set temperature is displayed above.

In the left temperature control area, slide to the right to set the temperature to increase. When the set temperature is 31°C, increase the outlet air temperature again to enter the maximum heating operation system, and the set temperature will display as HI.

In the left temperature control area, slide to the left to set the temperature to decrease. When the set temperature is 17°C, reduce the outlet air temperature again, enter the maximum cooling operation state, and the set temperature shall display LO.



### Using A/C

The A/C can provide cooling, heating and dehumidification functions. It can reduce the temperature of the A/C and remove the humidity of the air during refrigeration. Air temperature can be increased when heating. The A/C is only available when the engine and blower are running, and keep the window and sunroof off when using the A/C.

The operation of the A/C system will put extra load to the engine machine. In extremely hot conditions, or when the engine is required to run at full capacity (such as climbing long mountains or driving in heavy traffic), the engine will be very hot. If the pointer in the engine coolant thermometer approaches the red zone, turn off the A/C until the engine temperature returns to normal.


If the humidity is high, the car window may appear slightly foggy when the A/C system is turned on, which is normal. After the A/C system runs for about a few seconds, the fogging phenomenon will disappear.

### Reduce humidity

The A/C can reduce the humidity of the air in the vehicle and quickly demist the window in a humid environment.

Used in conjunction with the heater, it can also heat and dry the air inside the vehicle.

When the outside temperature is above zero, this setting is suitable for most driving conditions. After turning on the A/C, first set it according to the display and adjust the temperature control and air outlet speed as required.

 In high temperature climates, if the interior temperature of the vehicle is high when starting the engine, set the blower to maximum speed and open the windows and sunroof before turning on the A/C and set the A/C to fresh air mode to circulate and exchange the air inside the vehicle in a short period of time, which helps to reduce the temperature inside the vehicle quickly.

### A/C pollen filtering function

The pollen filtration function can filter the fresh air of A/C and indoor circulating air, effectively remove the pollen and dust predicate in the air, and provide clean air for the cab occupants.

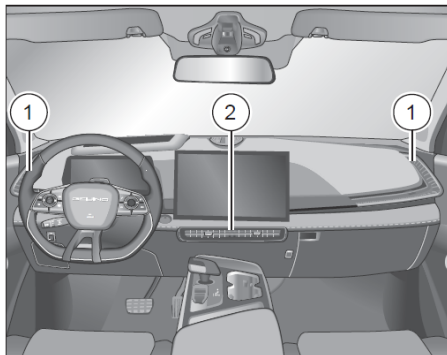
### Maintenance of A/C

The maintenance work related to the A/C system should be carried out by qualified technicians.

To keep the system in the best condition, the vehicle owner should ensure that the system operates at least a short time every week (even in 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 driving at a constant vehicle speed.

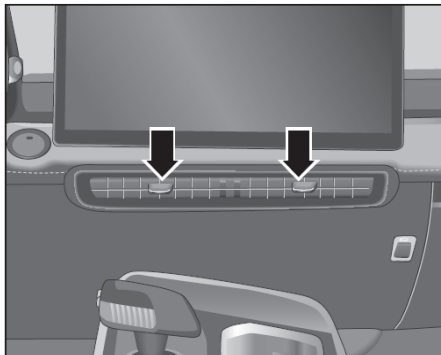
The excess water generated in the refrigeration and dehumidification process is discharged out of the vehicle by the system through the drainage pipes underneath the vehicle, which may cause ponding on the road when the vehicle is stationary, which is a normal phenomenon.

Air outlet



- ① Air outlet on both sides
- ② Central air outlet

Central air outlet

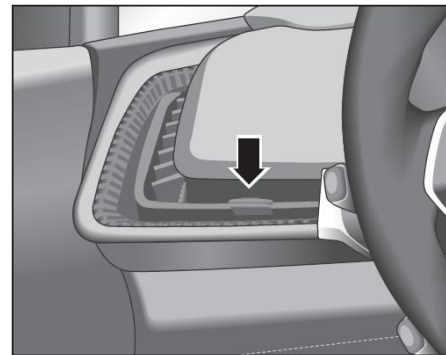


Toggle the paddle in the middle of the air outlet to adjust the airflow direction.

For the right air outlet, slide to the left to open the air outlet, or slide to the right to close the air outlet.

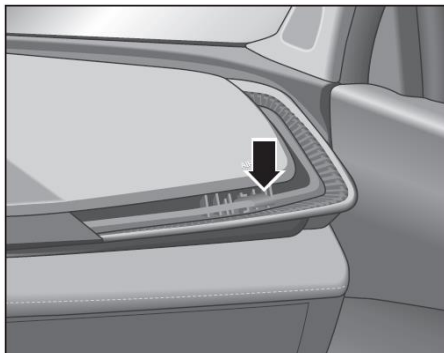
For the left air outlet, slide it to the right to open the air outlet and to the left to close it.

Left air outlet



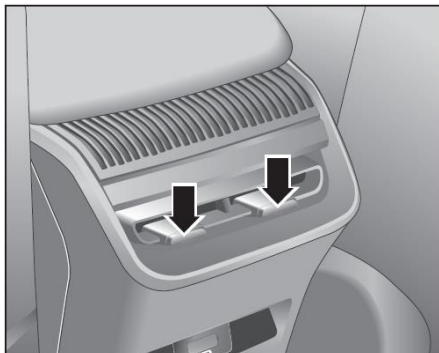
Toggle the paddle in the middle of the air outlet to adjust the airflow direction.

Slide it to the left to open the air outlet, and to the right to close it.

**Right air outlet**

Toggle the paddle in the middle of the air outlet to adjust the airflow direction.

Slide to the right to open the air outlet, and slide to the left to close the air outlet.

**Rear row air outlet**

Toggle the paddle in the middle of the air outlet to adjust the airflow direction.

For the right air outlet, slide to the left to open the air outlet, or slide to the right to close the air outlet.

For the left air outlet, slide it to the right to open the air outlet and to the left to close it.

### Start

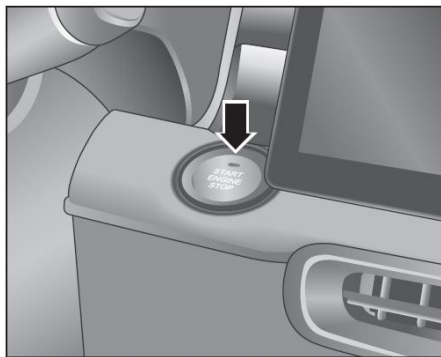
#### Vehicle start

##### Precautions

- Check that all windows, exterior rearview mirrors and exterior lights are clean.
- Check the condition of the tire and confirm that the tire pressure is normal.
- Check the vehicle bottom for leakage.
- Make sure there are no obstacles behind the vehicle before reversing.
- Regularly check the oil/fluid level (such as engine oil, engine coolant, brake fluid and windshield washer fluid, etc.).
- Close all the doors.
- Adjust the seat to the proper position.
- Wear the seat belt properly.
- Adjust the interior and exterior rearview mirrors to the proper position.
- Confirm that all lights of the vehicle work normally.
- Confirm that the instrument cluster works normally.

- When the start/stop button is in the "RUN" mode, check whether each warning lamp functions normally.
- Release the parking brake and confirm that the parking brake indicator lamp goes out.

##### Start / Stop button



Start/Stop button is located on the instrument panel.

##### Power mode switching


Set the gearshift lever to P or N gear, do not step on the brake pedal, press Start/Stop button, 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, in the "OFF" mode (the button background lamp does not light up).
- When the button is pressed for the first time: the "RUN" mode is turned on (the button background lamp is lit, and all electrical equipment are turned on).
- Press the button for the second time: return to the "OFF" mode (the button background lamp goes out).

Press the Start/Stop button step by step to switch cyclically between the modes "OFF" → "RUN" → "OFF".


**i** The engine can be started only when the gearshift lever is in the "P" or "N" position and the brake pedal is depressed.


**i** Press the Start/Stop button to start the engine or switch the power mode, but the smart key must be placed in the valid area that the vehicle can detect.


 At the ambient temperature of -20 °C and below, do not start the engine without setting the gearshift lever to the non-P position; otherwise the instrument cluster will prompt "Please start the engine."


### Engine start


1. Step on the brake pedal to the bottom and hold it;
2. Set the gearshift lever to the P or N gear;
3. Press down the start / stop button to start the engine.


 Start the engine when the start / stop button is in the "RUN" mode. If the brake pedal is not depressed, the engine cannot be started. "Please depress the brake pedal for start" prompt will be displayed on the instrument cluster (the specific configuration is subject to the actual vehicle).


 Depress the brake pedal, and press the start / stop button. If the gearshift lever is not in P or N gear, the instrument cluster will display "please engage P or N gear to start", the vehicle will not start, and the start / stop button jumps to "RUN" mode.


 When it is necessary to stop and turn off the engine, press the start/stop button to turn off the engine. If the vehicle speed is less than or equal to 2 km/h, set the gearshift lever to the P gear. If it is more than 2 km/h, set the gearshift lever to the N gear. Instrument cluster shows "Please switch to P to stop" to prompt.


 Do not run the engine for a long time in a poorly ventilated place or closed room. That is because the toxic gas in the exhaust of the engine can cause personnel coma and even suffocation.


 When the battery power is too low to start the engine, try using the jumper cable to start the engine through the battery of another vehicle.


 Never start the engine by pushing or pulling the vehicle. Otherwise, collision may be caused. And unburned gasoline into the catalytic converter may cause vehicle fire.

 If the engine fails to start for 3 consecutive times, please wait 3 minutes and try again. If the engine still cannot be started after 5 consecutive times, please contact the BAIC MOTOR franchised dealer for inspection and repair.

 Do not leave the engine unattended when the vehicle is running to avoid accidents.

 If it is difficult to start the engine, do not run the starter continuously for more than 10 seconds each time you start the engine. If the engine can't be started, you must stop operation, wait for about 30 seconds, and then try to start again, so as to avoid overheating damage to the starter and low battery power.

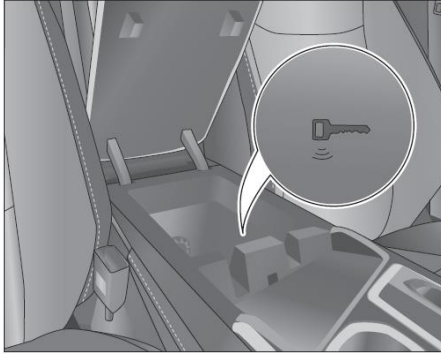
 At ambient temperatures of -10 °C or lower, the engine start-up time may increase. Therefore, all unnecessary electrical equipment should be turned off at startup.

 If you can't start the engine in remote or Bluetooth mode outside the vehicle, you need to unlock the vehicle with a legal key, and then step on the brake pedal and press Start/Stop button.

## Driving operation

### Standby start with smart key

If the vehicle is in a strong signal interference area, or if the smart key battery is low, standby start function shall be adopted when you press the start /stop button to try to start the vehicle.



Step on the brake pedal, set the gearshift lever to P or N, place the smart key in the central armrest marked with the emergency start logo, and press the Start/Stop button to start the engine.

**i** Scope of application of the standby start function:

- When the smart key battery power is insufficient and the battery cannot be replaced in time.
- When the vehicle is in the area with strong signal interference, use the standby start function to drive the vehicle away from the area, and the keyless start function can restore to normal.

### Description of gear

#### P gear (parking gear)

Used when parking or starting the engine. Make sure the vehicle stops completely before setting the gearshift lever to "P". When parking, this gear can prevent sliding.

#### R gear (reverse gear)

Used when reversing. Make sure the vehicle is completely stopped and the engine is idling before setting the gearshift lever to "R" gear.

#### N gear (neutral gear)

When the vehicle needs to stop for a short time and the engine is idling (e.g. waiting for a traffic light), set the gearshift lever to "N". The transmission is not locked in the "N" gear position, so the brake pedal needs to be stepped on or the parking brake applied to prevent slippage.

**i** When the vehicle engine fails to start, if you want to shift the trailer to N gear, please operate as follows:

- Switch the keyless start/stop button to "RUN" mode, and engage gear N when the door is closed.
- Switch the keyless start/stop button to "RUN" mode. After the door is opened, the transmission will automatically be shifted into P gear. At this time, engage gear N and close the door.

**i** Please do not coast the vehicle in N gear.

**i** Please pay attention to your surroundings and depress the brake pedal if necessary to avoid accidents when the trailer is engaged in N gear.

**Gear D (D position)**

The gearshift lever is in this position in normal driving mode, where the transmission will automatically upshift or downshift according to the engine speed and vehicle speed.

**+/- gear (manual mode)**


In case of acceleration for overtaking or uphill or downhill driving, it is recommended to use the +/- gear.

When in bumpy road sections, ramps and other road conditions, it is recommended to use the lower gear of the manual mode.

**S gear (sports mode)**

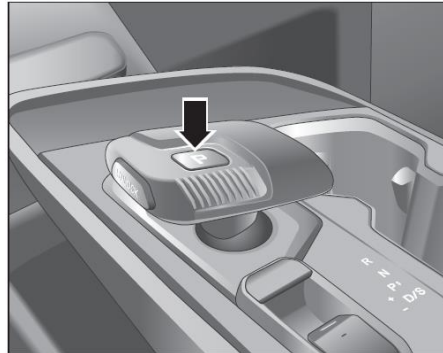
Priority shall be given to ensuring the power performance and acceleration of the vehicle. It is suitable for flat road with less vehicle and better road conditions.

**Gearshift lever**


 Do not put the gearshift lever in D position and depress and hold the brake pedal to keep the vehicle standstill for a long time while the engine is running. When it is necessary to idle for a long time, set the gearshift lever to the gear "P" or "N".

**Gear shifting**

Set the gearshift lever to gear P:

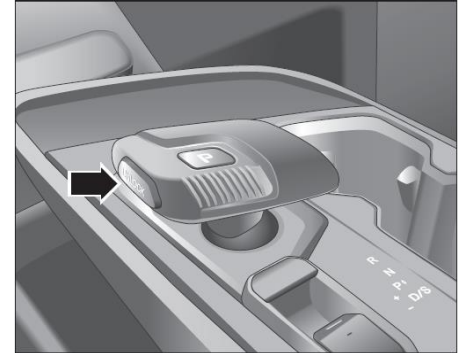


Press the P gear switch button to set the gearshift lever to P gear. At this time, the "P" gear indicator lamp is on.

 The gear will automatically switch 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 stationary and the gearshift lever is in R/N/D/S/+/- gear, open the door on driver side and release the brake pedal.

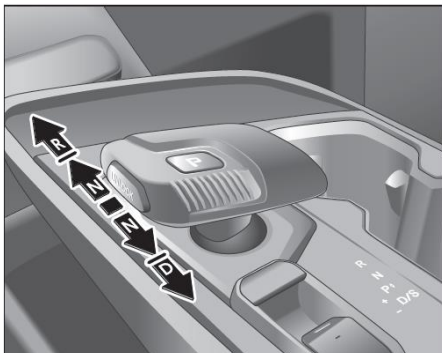
Unlocking button:



The gearshift lever unlocking button is located on the left side of the gearshift lever to avoid accidentally switching the gearshift lever to R/D and accidentally switching from P gear to other gear. To unlock the gearshift lever, press the unlocking button.

## Driving operation

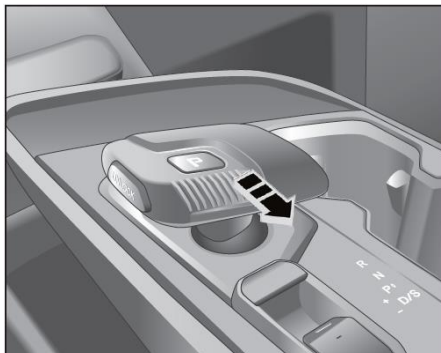
Set the gearshift lever to R, N, D position:



When parking, to shift out of P gear or set the gearshift lever to R/N/D position, you need to depress the brake pedal and press the unlocking button.

Press the gearshift lever in the desired direction and, press it beyond the pressure action point if necessary. Release the gearshift lever and return to the middle position.

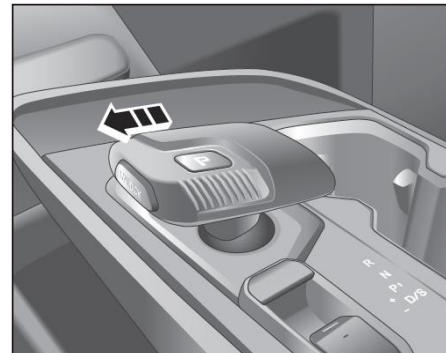
Set the gearshift lever to gear S (sports mode):



After setting the gearshift lever to D gear, press the gearshift lever backwards to switch to S mode. At this time, the transmission activates the vehicle sports mode. The instrument cluster shows the gearshift lever is in S gear.

In the vehicle S mode, press the gearshift lever backward again to exit vehicle S mode (sports mode), and switch to the previous vehicle mode.

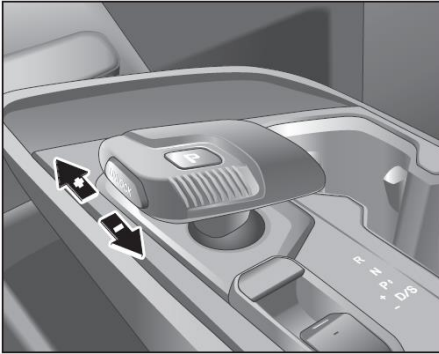
Set the gearshift lever to +/- gear (manual mode):



After setting the gearshift lever to the D gear, press the gearshift lever to the left to switch to the +/- gear (manual mode). At this point, the transmission is activated in manual mode. The instrument cluster gear display area displays the selected gear, such as M1.

Press the gearshift lever to the right to exit +/- gear (manual mode) and switch to D gear.





Gear shifting in manual mode:

- To engage the low gear, pull the gearshift lever backward.
- To shift into the high gear, press the gearshift lever forward.

**i** Gear shifting is performed only at appropriate speed and vehicle speed. For example, when the engine speed is high, downshifting will not be done.

**⚠** During driving, do not suddenly set the gearshift lever to "R" or "P" gear; otherwise the transmission may be damaged or even accidents may occur.

**i** Before starting the engine, check that the gearshift lever is in "P" or "N" position. Do not try to start the engine in other gear.

**i** The vehicle will start the corresponding gear shifting procedure according to the change of resistance (such as towing, climbing long slopes, etc.), and provide greater power to the vehicle by shifting into a lower gear, so as to prevent frequent gear shifting.

**i** When the vehicle is stopped, do not increase the engine speed; otherwise, the vehicle may move unexpectedly.

**i** When switching the gear from the "N" gear to another gear, please let the engine idle.

### Vehicle start and stop

1. Step on the brake pedal to the bottom, set the gearshift lever to "P" gear or "N" gear, and start the engine;
2. Step on the brake pedal, press the lock button in front of the gearshift lever, and then set the gearshift lever to the "D" or "R" position. Firstly release the EPB, then release the brake pedal, slowly step on the accelerator pedal, and the vehicle can start driving;
3. When parking, depress the brake pedal, stop the vehicle, apply parking brake, and set the gearshift lever to the "P" gear.

**i** When the parking brake automatic release function is enabled, depress the accelerator pedal to automatically release the EPB.

**i** When the vehicle is stopped, after the keyless start/stop button is set to "OFF" mode, the vehicle can apply parking brake automatically.

## Driving operation

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**i** When the AVH is in standby state, and the gear lever is in "D" or "R" position, depress the brake pedal while driving. When the vehicle is stopped, the AVH is active, that is, the parking brake is kept applied automatically.

### Operation method of automatic transmission

The following information is particularly important for drivers unfamiliar with vehicles equipped with automatic transmission.

The engine can be started only when the gearshift lever is in "P" or "N".

Before starting the engine, you shall step on the brake pedal.

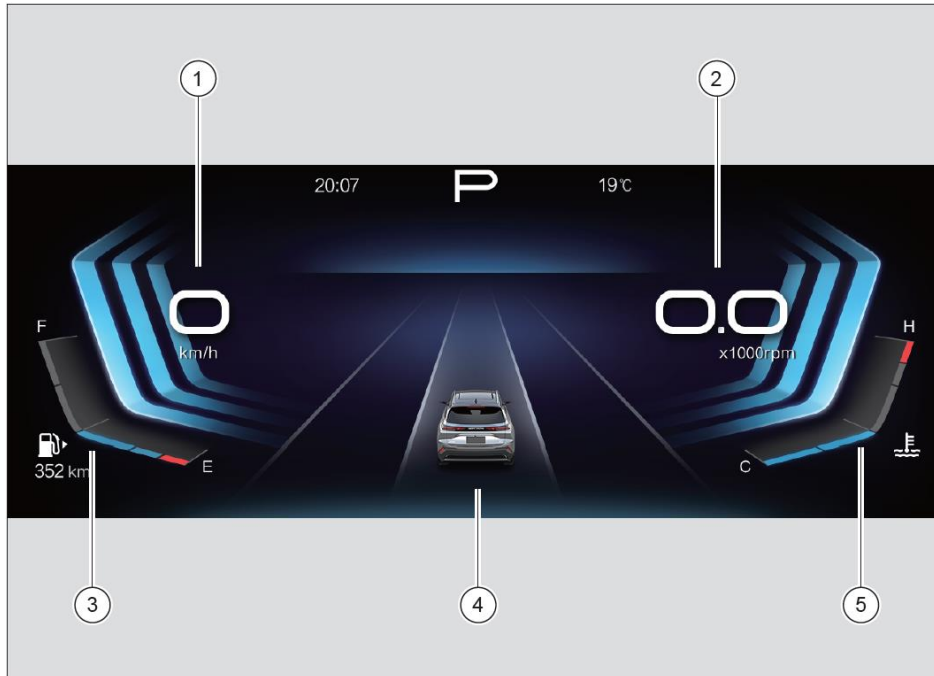
After setting the gearshift lever to "D" or "R" gear, please do not run the engine at high speed if the vehicle is stationary.

Always apply the parking brake until you are ready to drive the vehicle away, remembering that once D position is selected, the automatic vehicle will move slowly forward or backward.

After the D position is selected and the engine is running, do not leave the vehicle stationary (if you want to idle for a long time, set the gearshift lever to N).

## Instrument cluster

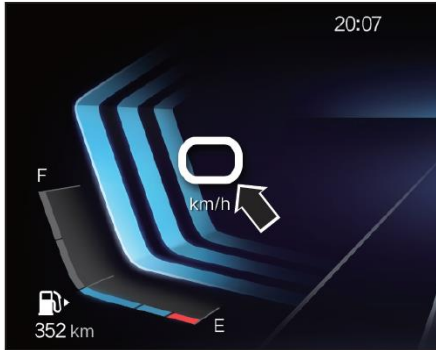
## Instrument cluster view




1. Odometer
2. Trip computer display area (engine speed, trip information, navigation, etc.)
3. fuel gauge
4. ADAS information
5. Engine coolant temperature gauge

## Driving operation

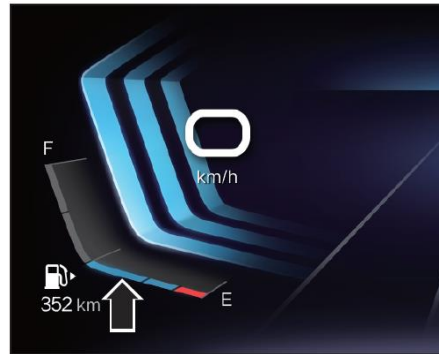
### Odometer



The odometer shows the instant speed of the vehicle in km/h.

 When driving the vehicle, watch the speedometer from time to time and do not exceed the speed limit.

### Fuel gauge





The fuel gauge shows remaining fuel in the fuel tank and the driving range.

When the vehicle is braking, accelerating, turning or driving on a ramp, the fuel in the fuel tank will shake, thus affecting the accuracy of the fuel gauge display. The vehicle fuel level should be checked on a level surface.

When the fuel is insufficient, the last section of the fuel gauge is lit, and the low fuel level warning lamp lights up.

The distance you can drive can be estimated and displayed based on the driving mode available and the fuel in the tank. The driving range may increase further if the vehicle is driven more economically or in better road conditions.

 Do not drive the vehicle to the extent that the fuel of the fuel tank is completely exhausted. Irregular fuel supply may lead to poor engine ignition, and unburned fuel entering the exhaust unit will damage the catalytic converter!

 Timely shifting into high gears can help save fuel and reduce engine running noise.

### Driving range

The distance you can drive can be estimated and displayed based on the driving mode available and the fuel in the tank. The driving range may increase further if the vehicle is driven more economically or in better road conditions.

## Engine speed




The tachometer indicates the revolutions per minute (x1000 rpm) of the engine. The tachometer can also assist in evaluating the performance of the engine.

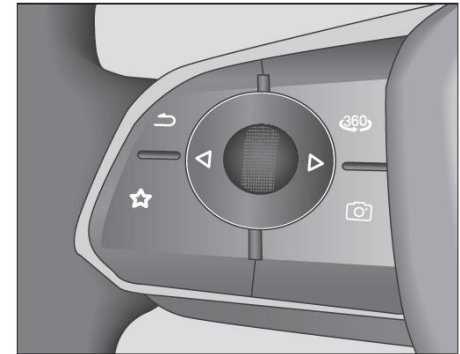
## Engine coolant temperature gauge



This gauge indicates the temperature of the engine coolant. During normal driving, the blue indicator bar shall be near the middle position.

 If the indicator bar enters the red scale area, it means that the coolant is too hot, which may cause serious damage to the engine. If the safety permits, stop the engine immediately. If the corresponding indicator bar enters the red scale area several times, you shall stop the engine at the appropriate position as soon as possible and check the coolant level.

## Instrument control button





: return

Scroll up roller: page up

Scroll down roller: page down

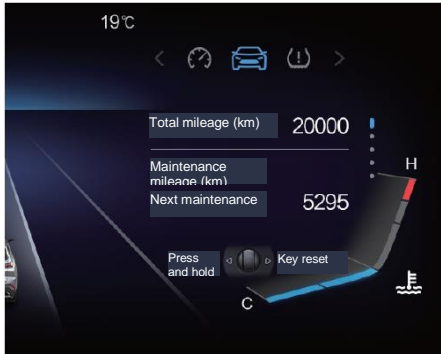
Press the roller: confirm

: Turn leftwards (turn leftwards the roller)

: Turn right (turn the roller rightward)

## Driving operation

### Trip computer



The display content of the trip computer includes: tachometer, driving information, tire pressure, historical fault inquiry, Bluetooth phone, navigation, multimedia.

Through the instrument cluster button on the left of the steering wheel, you can view the trip computer, switch the menu and set the instrument cluster function.

### Driving information



When the keyless start/stop button is in the "RUN" mode, you can scroll through the trip information by dialing the left/right scroll roller, including odometer, self-reset, self-restart and self-refueling.

### Odometer:

The odometer interface displays the total mileage and maintenance mileage of the vehicle.

The odometer indicates the total distance that the vehicle has driven, with the display range of 0~2000000km.

The maintenance mileage shows the mileage until the next maintenance. The first maintenance mileage of the vehicle is 5000 km and the maintenance interval mileage is 10000 km. Users are advised to do regular inspection and maintenance in time. Press the roller in the maintenance mileage interface and follow the instrument cluster prompts to reset the maintenance mileage.

**Self-reset:**

The self-reset interface shows the trip meter, average fuel consumption, average speed and driving time since the last resetting.

The trip meter can accumulate the mileage in a certain section. Display range: 0.0 ~ 99999.9km

The average fuel consumption is the average fuel consumption for the trip meter.

The average speed is the speed value of the mileage traveled divided by the driving time.

The running time is the accumulated time of this driving. The timing will start when the Start/Stop button is in the "RUN" mode. The maximum display value is 99: 59.

**Self-reset mode:**

1. Press and hold the roller for 5 s to reset it directly in the display interface;
2. The trip meter indicates the maximum value of 99999.9km;
3. Disconnect the battery.

The mileage/average fuel consumption will be reset at the same time.

**Self-restart:**

The self-restart interface displays four kinds of information, i. e. trip meter, average fuel consumption, average speed and traveling time.

The trip meter can accumulate the mileage in a certain section. Display range: 0.0 ~ 99999.9km

The average fuel consumption is the average fuel consumption for the trip distance.

The average speed is the speed value of the mileage traveled divided by the driving time.

The running time is the accumulated time of this driving. The timing will start when the Start/Stop button is in the "RUN" mode. The maximum display value is 99: 59.

## Driving operation

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### Self-restart reset mode:

1. Press and hold the roller for 5 s to reset it directly in the display interface;
2. The start/stop button is in "OFF" mode for more than 2 hours continuously;
3. The trip meter indicates the maximum value of 99999.9 km;
4. Disconnect the battery.

The mileage/average fuel consumption will be reset at the same time.

### Self-fueling:

The self-refueling interface shows four kinds of information: trip meter, average fuel consumption, driving time and average speed since the last refueling.

The trip meter indicates the accumulated mileage after refueling. Display range: 0.0 ~ 99999.9km.

The average fuel consumption is the average fuel consumption of the trip meter after the refueling.

The average speed is the speed value of the mileage traveled divided by the driving time.

The driving time is the accumulated driving time after refueling. The timing starts when the Start/Stop button is in "RUN" mode. The maximum display value is 99: 59.

### Reset mode of self-fueling:

1. The fuel quantity change is detected to be greater than 6 L (it shall be ensured that the fuel quantity is greater than 6 L at a time);
2. The trip meter indicates the maximum value of 99999.9km;
3. Disconnect the battery.

The trip meter / average fuel consumption is reset at the same time.




## Instantaneous fuel consumption:

The transient fuel consumption indicates the magnitude of the transient fuel consumption, which can help the user adjust his driving habits to achieve the desired fuel consumption. The running time is the accumulated time of this driving. The timing will start when the Start/Stop button is in the "RUN" mode. The maximum display value is 99: 59.

## Historical fault inquiry:



Press the roller in the "fault information" interface to enter the fault information query interface. Afterwards, scroll the roller up and down to select and view the pop-up window stored in the fault list, and press the key  to return to the previous interface.

## Bluetooth telephone:



Bluetooth phone interface can display information such as call status and recent calls.

## Driving operation

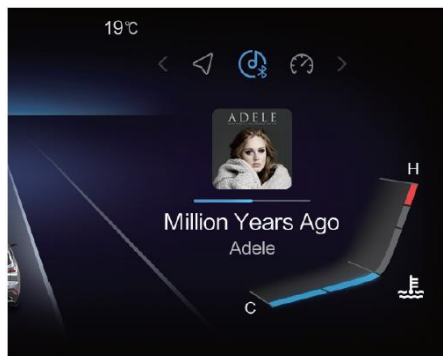
### Navigation:



The navigation function can display map and navigation information.

**i** The [navigation] function of base instrument cluster does not display the map information, but only displays the recommended turn-by-turn navigation information.

### Multimedia:



The multimedia interface contains music and radio functions. Scroll up and down the roller for switching among the cover, song title and artist information in the music function and cover and frequent information in the radio function.

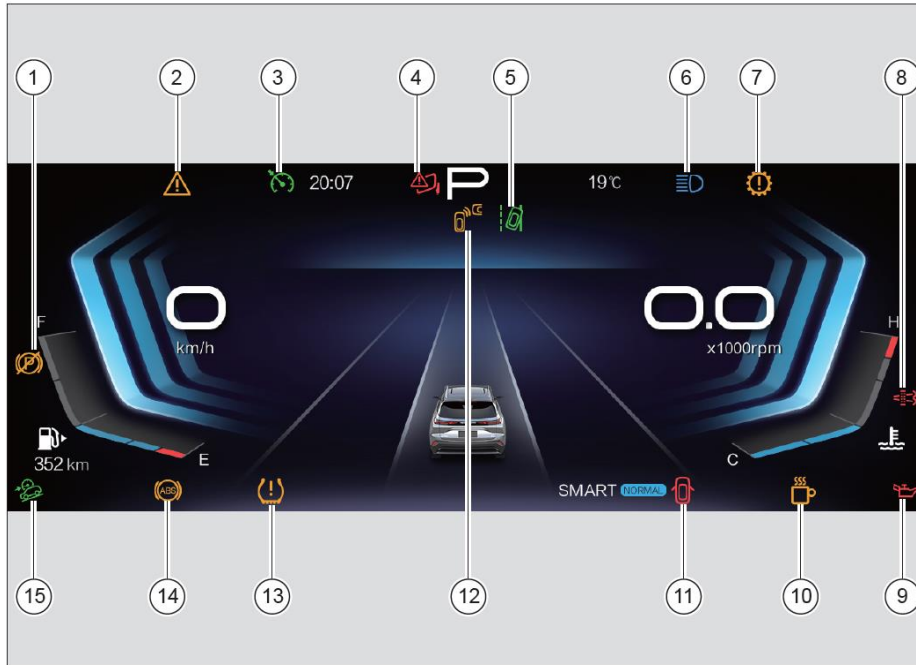
### Closures ajar reminder



If the door, engine hood and trunk lid are not closed properly, the trip computer display will show the corresponding unclosed door, engine hood or trunk lid in red.

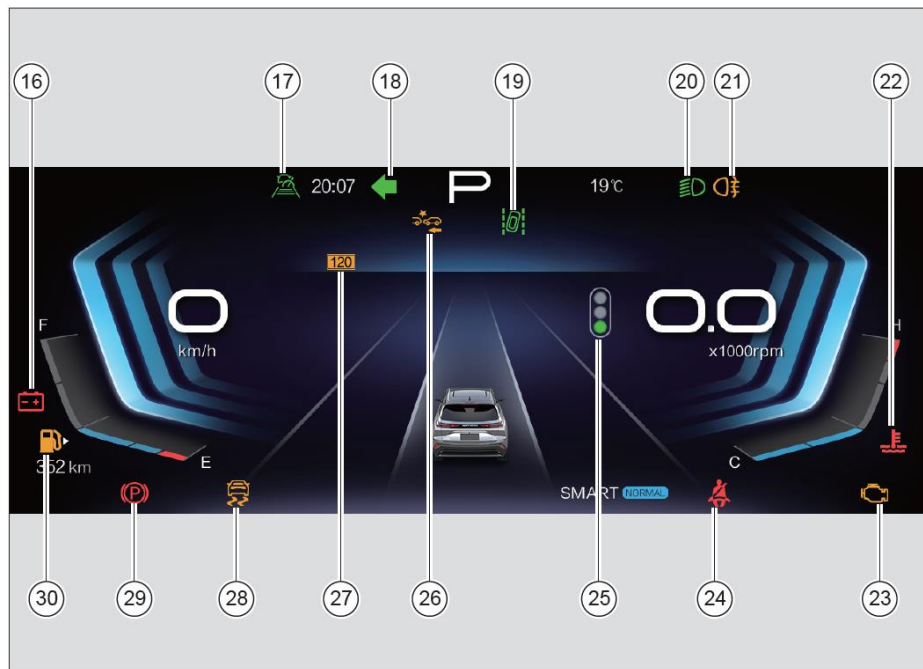
**⚠** Before driving, you must ensure that all doors, engine hood and trunk lid have been closed. If the instrument cluster indicates that the door, engine hood and trunk lid are not closed properly, it is strictly prohibited to drive.

Instrument cluster alarm indicator lamp

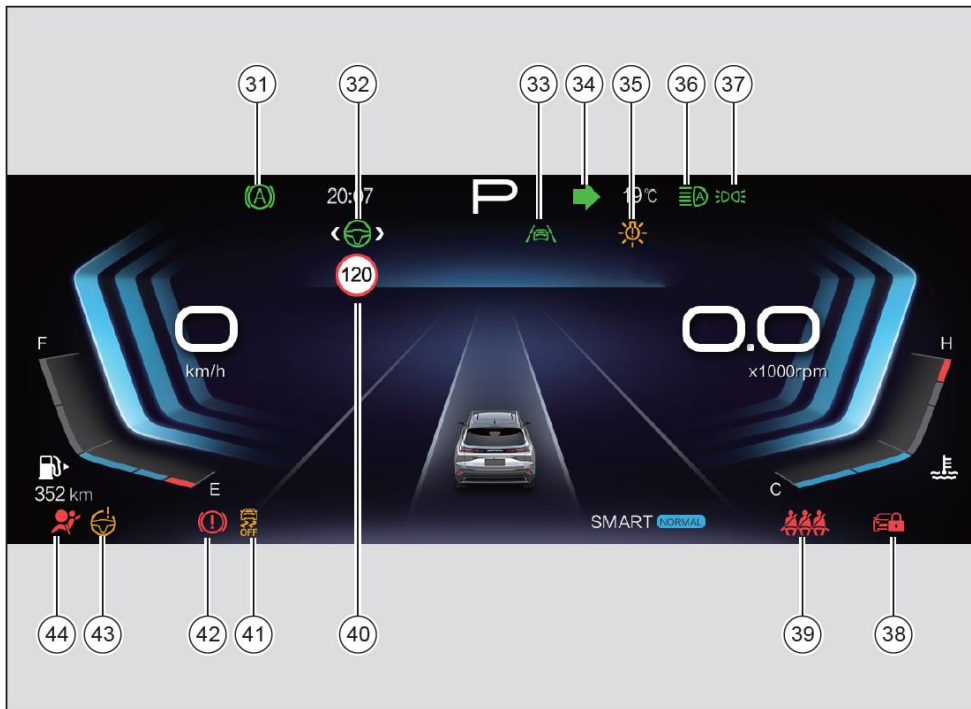


1. EPB fault indicator lamp
2. Fault indicator lamp
3. Cruise control indicator lamp\*
4. Electric exterior rearview mirror fault indicator lamp\*
5. LDW indicator lamp\*
6. High beam turn-on indicator lamp
7. Transmission fault warning lamp
8. GPF indicator lamp\*
9. Oil pressure indicator lamp
10. Fatigue driving indicator lamp\*
11. Door ajar indicator lamp
12. Front cross traffic alert fault indicator lamp\*
13. Tire pressure warning lamp
14. ABS fault warning lamp
15. HDC indicator lamp

## Driving operation



16. Charging indicator lamp
17. ACC indicator lamp\*
18. Left turn signal indicator lamp
19. RDP indicator lamp\*
20. Low beam on indicator lamp
21. Rear fog lamp on indicator lamp
22. High water temperature warning lamp
23. Engine system fault warning lamp
24. Driver's seat belt indicator lamp
25. Traffic light display\*
26. AEB fault indicator lamp\*
27. Overspeed warning lamp
28. ESP operation/fault indicator lamp
29. EPB indicator lamp
30. Low fuel level warning lamp



- 31. AVH operation indicator lamp
- 32. IACC operation indicator lamp\*
- 33. LKS indicator lamp\*
- 34. Right turn signal indicator lamp
- 35. Lighting system fault indicator lamp
- 36. IHA status indicator lamp\*
- 37. Position lamp indicator lamp
- 38. Engine immobilizer indicator lamp
- 39. Rear seat belt warning lamp\*
- 40. Speed limit sign display\*
- 41. ESP OFF indicator lamp
- 42. Brake system fault/brake fluid level warning lamp
- 43. Electric power steering system fault warning lamp
- 44. SRS fault indicator lamp

## Driving operation

### Description of warning lamps and indicator lamps

#### 1. EPB fault indicator lamp (yellow)


When the start/stop button is in the "RUN" mode, this lamp shall come on for self-inspection, and then go out after self-inspection.


This indicator lamp indicates the status of the EPB system and will come on when the EPB system fails. The instrument cluster prompts "EPB system failure". If this indicator lamp comes on during driving, please contact the BAIC MOTOR franchised dealer for troubleshooting.

#### 2. Fault indicator lamp (yellow)

When there is fault information under "Fault Viewing" menu, this lamp will come on.

#### 3. Cruise control indicator lamp (green)\*

When the start/stop button is in the "RUN" mode, the cruise control ON indicator lamp  (green) lights up for self-test, and goes out after self-test. This indicator lamp will be on when the cruise control system is activated.


When the cruise control switch is turned on, but the system is not activated, the cruise control standby status indicator lamp  (white) will be on.


#### 4. Electric exterior rearview mirror fault\*

When the system detects a fault in the electric exterior rearview mirror, this light will come on.

#### 5. LDW indicator lamp (green)\*

When the LDW system is normally turned on, the LDW indicator lamp  (green) will be lit.

When the LDW system is in standby, the LDW standby status indicator lamp  (white) will be lit.

When the LDW system fails, the LDW fault indicator lamp  (yellow) will be lit.

#### 6. High beam ON indicator lamp (blue)


It indicates the working state of the high beam and comes on when the high beam is turned on.


#### 7. Transmission fault warning lamp (yellow)


When the start/stop button is in the "RUN" mode, this lamp shall come on for self-inspection, and then go out after self-inspection.

After the self-test, if the indicator lamp is on, it indicates that the automatic transmission system is faulty. In case of a gearbox failure, the vehicle performance will be significantly degraded and the engine speed will be limited to about 3500 rpm.

#### 8. GPF indicator lamp (yellow) \*

When the GPF is actively regenerated, the  (green) indicator lamp \* is lit. The instrument cluster prompts "GPF active regeneration, the user does not need to do anything."

When the GPF needs to be regenerated, the  (yellow) indicator lamp \* is lit. The instrument cluster prompts "GPF needs regeneration, it is recommended to run the vehicle at a high speed or go to the service station for treatment".

When the GPF is to be serviced, the  (red) indicator lamp \* is lit. When the instrument cluster prompts "GPF saturation, the user shall go to 4S store for parking regeneration."

#### 9. Oil pressure indicator lamp (red)

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

If this warning lamp illuminates after the engine is started, it indicates low oil pressure. When the instrument cluster prompts "low oil pressure", accompanied by three beeps, you should ensure the safety of the vehicle, then stop immediately, and not continue driving.

#### 10. Fatigue driving indicator lamp

When the system detects that the driver is in a state of fatigue driving, this light will light up.

#### 11. Door ajar indicator lamp (red)

It indicates the opening and closing state of the four doors, engine hood and trunk lid. When any door is not closed, this indicator lamp will be on.

#### 12. Forward cross traffic alert fault indicator lamp\*

When the front vehicle collision is detected, this lamp will come on.

#### 13. Tire pressure warning lamp (yellow)

When the start/stop button is in "RUN" mode, this lamp will light up for self-inspection, and then go out after self-inspection.

If the indicator lamp does not go out after self-inspection or stays on during driving, it indicates that the tire pressure is abnormal. The instrument cluster prompts "abnormal tire pressure", accompanied by a prompt sound; The indicator lamp does not go out after self-inspection or flashes for 60 s and then stays on during driving. It indicates that the tire pressure monitoring system is faulty. The instrument cluster prompts "tire pressure monitoring system failure".

In case of the above situation, pull over and check the tire if the safety is ensured.


#### 14. ABS fault warning lamp (yellow)


When the start/stop button is in the "RUN" mode, this lamp shall come on for self-inspection, and then go out after self-inspection.

If the warning lamp does not go out or comes on when the vehicle is running, it indicates that there is something wrong with ABS system.

#### 15. HDC indicator lamp (green)

When the start/stop button is in the "RUN" mode, this lamp shall come on for self-inspection, and then go out after self-inspection.

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


When the HDC is faulty, the HDC fault indicator lamp  (yellow) lights up.

## Driving operation


### 16. Charging indicator lamp (red)


When the start/stop button is in the "RUN" mode, the charging indicator lamp lights up. After the engine is started, this light goes out.


If the warning lamp is still on after the engine is started, it means that the battery charging system is faulty. Contact the BAIC MOTOR franchised dealer for troubleshooting as soon as possible.

 If the warning lamp is on during driving, stop the vehicle immediately and contact the BAIC MOTOR franchised dealer for inspection and repair as soon as possible if the safety is ensured. If no measures are taken, the battery may be short of power seriously and the engine will not work.

### 17. ACC Standby status indicator lamp (white) \*

When the ACC is in standby status, the ACC standby status indicator lamp  (white) will light up.


When the ACC is turned on, the ACC indicator lamp  (green) is on.


The ACC fault indicator lamp  (yellow) lights up when the ACC fails.


### 18. Left turn signal indicator lamp (green)

It indicates the working state of the left turn signal lamp. When the left turn signal lamp or hazard warning lamp is turned on, the indicator lamp flashes. If the indicator lamp flashes faster than normal, it indicates that the left turn signal lamp is faulty. Please go to a nearby BAIC MOTOR franchised dealer for inspection and repair as soon as possible.

### 19. RDP indicator lamp (green) \*

When the RDP is normally turned on, the RDP indicator lamp  (green) will light up.

When the RDP is in standby state, the RDP standby status indicator lamp  (white) is lit.

When the RDP is faulty, the RDP fault indicator lamp  (yellow) will light up.

### 20. Low beam on indicator lamp (green)

It indicates the working status of low beam, and comes on when the low beam is turned on.

### 21. Rear fog lamp indicator lamp (yellow)

It indicates the working status of the rear fog lamp and lights up when the rear fog lamp is turned on.

### 22. High water temperature warning lamp (red)

When the start/stop button is in the "RUN" mode, this lamp shall come on for self-inspection, and then go out after self-inspection.

If the warning lamp does not go out after self-inspection or lights up during driving, it indicates that the current engine coolant temperature is high. The instrument cluster prompts "high engine coolant temperature", accompanied by a sound of prompt. At this moment, reduce the engine speed and stop the vehicle immediately provided safety is ensured.



**23.  Malfunction indicator lamp (yellow)**

When the start / stop button is in the "RUN" mode, the lamp is on for self-inspection. After the vehicle is started, if there is no fault, this lamp will be off. When the engine is started, the warning lamp does not go out or comes on during driving, indicating that the engine system is faulty.




If this warning lamp comes on during driving, contact the BAIC MOTOR franchised dealer for inspection and repair as soon as possible. If no measures are taken, the performance of the engine may be seriously affected.


**24.  Driver's seat belt warning lamp (red)**

This light indicates the status of the seat belt on the driver side. When the driver does not fasten the seat belt, this light will be on.

When the vehicle speed is  $\geq 25$  km/h or the driving duration is  $\geq 60$  s or the trip distance is  $\geq 300$  m, and the driver seat belt is not fastened, the driver seat belt warning lamp flashes with sound alarm, and the corresponding seat in the alarm pop-up window turns red.

**25.  Traffic light display (red light, green light, yellow light) \***

When the system recognizes the signal light, the light is on.

**26.  AEB system fault indicator lamp\***

When the system detects the failure of the AEB system, the light is on.

**27.  120 Overspeed warning lamp**

This indicator lamp indicates whether the current speed exceeds the speed limit set by the drivers. When it exceeds, the corresponding speed will be displayed and the overspeed alarm will be triggered. The system default setting is 120 km/h and the drivers can set the speed on their own or turn off the system.

**28.  ESP operation/fault indicator lamp (yellow)**

When the start/stop button is in "RUN" mode, this lamp will light up for self-inspection, and then go out after self-inspection.

If the indicator lamp flashes rapidly during driving, it means that ESP is in operation; If the indicator lamp comes on after the self-test or during driving, it indicates that the ESP system is faulty. The instrument cluster displays the prompt message "Please check ESP" with a sound. If the indicator lamp stays on, please go to the nearby BAIC MOTOR franchised dealer for inspection and maintenance as soon as possible.

**29.  EPB indicator lamp (red)**

It indicates the working state of EPB function. When this lamp is on, it indicates that the EPB parking function has been turned on. After the vehicle is turned off, the parking function is turned on automatically.

**30.  Low fuel level warning lamp (yellow)**


When the start-up/stop button is in the "RUN" mode, this lamp will come on for self-inspection, and then go out after self-inspection.

## Driving operation


If the warning lamp does not go out after self-inspection or comes on during driving, it indicates that the fuel is insufficient. Supplement the fuel in time at this point.


The flashing of the warning lamp means the fuel sensor is faulty. At this time, the fuel gauge cannot indicate the current fuel level normally, please go to the BAIC MOTOR franchised dealer nearby for inspection and repair as soon as possible to avoid the vehicle breaking down.

### 31. AVH indicator lamp (green)


When the AVH is working, the AVH indicator lamp  (green) will be lit.


When the start / stop button is in "RUN"


In this mode, the AVH fault indicator lamp  (yellow) will light up for self-inspection, and will go out after self-inspection.

When the AVH system fails, the AVH fault indicator lamp  (yellow) will be lit.


### 32. IACC indicator lamp (green)\*


When the IACC is activated, the IACC indicator lamp  (green) is lit.


When the IACC is turned on, but the system is not activated, the IACC standby status indicator lamp  (white) is lit.

When the IACC is faulty, the IACC fault indicator lamp  (yellow) will light up.

### 33. LKS indicator lamp (green)\*

This indicator lamp indicates that the LKS is on, and when the system is active, the LKS indicator lamp  (green) lights up.

When the LKS is in standby mode, the LKS standby status indicator lamp  (white) is lit.

When the LKS does not work normally, the LKS fault indicator lamp  (yellow) will light up.


### 34. Right turn signal indicator lamp (green)


It indicates the working status of right turn signal lamp, and flashes when the right turn signal lamp or hazard warning lamp is turned on. If the indicator lamp flashes more frequently than normal, it indicates that the right turn signal lamp is faulty. Please go to a nearby BAIC MOTOR franchised dealer for repair as soon as possible.


### 35. Light system fault indicator lamp (yellow)

This indicator lamp indicates the status of the vehicle's exterior lights, and will be on when the vehicle's exterior lights fail. The instrument cluster prompts "Light System Failure". If this indicator lamp comes on during driving, please stop the vehicle and check the exterior lights if the safety is guaranteed.

**36.  IHA fault indicator lamp (yellow)\***

When the IHA fails, the IHA fault indicator lamp  (yellow) lights up, please contact the BAIC MOTOR franchised dealer for inspection and maintenance.

When the IHA is in standby, the standby status indicator lamp  (white) is lit.

When the IHA is working, the IHA indicator lamp  (green) lights up.

**37.  Position lamp indicator lamp (green)**

It indicates the working state of the position lamp, and will come on when the position lamp is turned on.

**38.  Engine immobilizer indicator lamp (red)**


When the start/stop button is in the "RUN" mode, this lamp shall come on for self-inspection, and then go out after self-inspection.



When the key fails to pass the anti-theft certification of the engine, this light is always on and the engine cannot be started.

**39.  Rear seat belt warning lamp (red) \***

This light indicates the seat belt status of the rear passengers. When the rear passengers do not fasten the seat belt, this light is on.

When the vehicle speed is  $\geq 25$  km/h or the vehicle driving time is  $\geq 60$  seconds or the trip distance  $\geq 300$  m, and the rear passenger seat belt is not fastened, the rear passenger seat belt warning lamp flashes, accompanied by sound alarm, and the corresponding seat in the alarm pop-up window turns red at the same time.


**40.  Speed limit sign display (take 120 km/h as an example)\***

This indicator lamp represents the speed limit sign of the TSR detection. When the system is turned on but the speed limit sign is not recognized, the speed limit sign is not displayed; When the system starts and recognizes, for example, the 120 km/h speed limit sign, the indicator light  is in the state; When the system is turned on and detects that the speed limit sign is cancelled, the indicator lamp is in the  state, and no indicator lamp is displayed when the system is turned off.

**41.  ESP OFF indicator lamp (yellow)**

When the start/stop button is in "RUN" mode, this lamp will light up for self-inspection, and then go out after self-inspection.

This lamp indicates whether the ESP system is turned off, and will come on when the ESP system is turned off.

 During normal driving, turning on the ESP system will help improve the comfort and safety of the vehicle, but you shall always drive carefully!

### 42. Brake system failure/brake fluid level warning lamp (red)

When the start/stop button is in the "RUN" mode, this lamp shall come on for self-inspection, and then go out after self-inspection.

If the warning lamp is not off or illuminates during driving, it indicates that the brake fluid level is low or the brake system is faulty.

If this warning lamp is on during driving, you should stop the vehicle immediately under safe conditions. Do not step on the brake pedal repeatedly.

### 43. Electric power steering system fault warning lamp (yellow)


When the start/stop button is in the "RUN" mode, this lamp shall come on for self-inspection, and then go out after self-inspection.


If it does not go out after self-inspection or comes on during driving, it indicates that EPS system is faulty. The instrument cluster prompts "Please check EPS".

### 44. SRS fault indicator lamp (red)

When the start/stop button is in the "RUN" mode, this lamp shall come on for self-inspection, and then go out after self-inspection.

After self-inspection, if the indicator lamp is lit, it means that the SRS is faulty. When this fault warning lamp is lit, the SRS function cannot be guaranteed to be normal.

 When the SRS fault indicator lamp is lit, the SRS cannot be guaranteed to function properly.

 If the warning lamp does not light up during the self-test, it indicates that the SRS or warning lamp is damaged. Please go to a nearby BAIC MOTOR franchised dealer for repair as soon as possible.

### Tire pressure monitoring system

Direct tire pressure monitoring system uses tire pressure sensor mounted on a rim to monitor tire pressure and temperature, and sends the messages through wireless transmitters to the receiving unit and displays them 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, tire pressure warning lamp in the instrument cluster is on, accompanied by a prompt sound, and the tire pressure information of the faulty tire on the instrument cluster is displayed in red.

When the tire pressure monitoring system is abnormal, the tire pressure warning lamp in the instrument cluster will flash for 60 seconds, accompanied by a prompt tone. When the tire pressure monitoring system signal is lost, the instrument cluster has no tire pressure display, and the tire pressure warning lamp flashes.

**i** After the vehicle starts, the driving speed exceeds 30 km/h and after a period of time, the instrument cluster updates to display the current tire pressure/tire temperature value, and the tire pressure monitoring system automatically enters the normal working mode.


**i** This figure is for reference only, and the specific value is subject to the real vehicle display.

**i** After the vehicle is turned off, restart the vehicle. After the self-test of the instrument is finished, the instrument can display the tire temperature and pressure value, which is the historical value before the last stop and engine shutdown, and is not the tire temperature and pressure value of the current vehicle state. 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 corresponding faulty tire alarm will be displayed in the alarm pop-up window of the instrument cluster, and the tire


pressure warning lamp  on the instrument cluster will also be lit accordingly. The driver should stop the vehicle if safety is ensured and contact the BAIC MOTOR franchised dealer immediately.


## Driving operation


### Tire pressure monitoring system fault alarm





When the tire pressure monitoring system suffers system fault, tire pressure sensor fault, tire pressure sensor loss, low tire pressure sensor power, the corresponding tire pressure monitoring system failure alarm will be displayed in the alarm pop-up window of the instrument


cluster, and the tire pressure warning lamp  on the instrument cluster will be lit accordingly. At this time, please go to the BAIC MOTOR franchised dealer to inspect and repair the tire pressure monitoring system in time, so as not to affect driving safety.

 The tire pressure monitoring system is not a tire pressure gauge, nor can it prevent the tire from leaking and bursting. Its main function is to monitor the tire temperature and pressure.

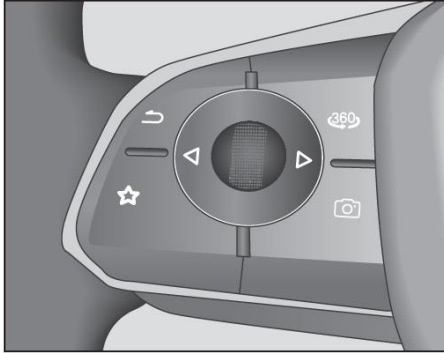
 The operation of the tire pressure monitoring system may be disturbed if radio transmitters (such as wireless headsets, walkie-talkies) are used in or near the vehicle.

 After replacing the wheel, you should go to the BAIC MOTOR franchised dealer to install and adapt the tire pressure sensor (vehicle spare wheel does not have this tire pressure sensor).

 After tire rotation, you should go to the BAIC MOTOR franchised dealer to readapt the tire pressure sensor; otherwise the tire position displayed on the instrument cluster will not match the actual situation.

 When there is 400~480 MHz frequency band in the surrounding environment, it will interfere with the tire pressure monitoring system and cause abnormal operation.

### Manual adjustment of HUD display height and brightness.



After selecting a manual adjustment, operate the roller to the left of the steering wheel to adjust the height and brightness of the HUD display.

Scroll up the roller: adjust the HUD display height upward

Scroll down the roller: Adjust the HUD display height downward

Press the roller: exit the HUD adjustment

◀ (Scroll left the roller): decrease the HUD display brightness

▶ (Scroll right the roller): increase the brightness of the HUD display.

**i** The light-transmitting area of the HUD is the image output port, and foreign objects may affect the clarity and integrity of the HUD image.

**i** Do not place any foreign matter on the HUD light-transmitting cover; otherwise, it may damage the HUD light-transmitting cover.

**i** Please do not touch the HUD light-transmitting cover with your hands. The particulate needs to be sucked out with a vacuum cleaner before subsequent cleaning.

**i** The particulates need to be sucked out with a vacuum cleaner before subsequent cleaning.

**i** When using the dust remover, make sure that the dust remover does not collide with the HUD transparent cover to avoid scratches on the transparent cover.

**i** To clean the HUD light-transmitting cover, gently wipe it with a soft brush or eyeglass cloth, and gently wipe it with neutral cleaner drops if necessary; Do not pour the cleaner directly onto the HUD transparent cover.

**i** Do not use corrosive cleaner.

**i** Do not pour or spray water directly onto the light-transmitting area of the HUD.

**i** HUD is precision optical equipment. If you have any other problems, please contact the BAIC MOTOR franchised dealer for handling. Unauthorized personnel are not allowed to disassemble, assemble and repair HUD.

## Driving operation

### Driving vehicle

#### Precautions for driving and riding






A driver must obtain a driver's license before driving a vehicle.

Be sure to observe the traffic regulations when driving the vehicle.

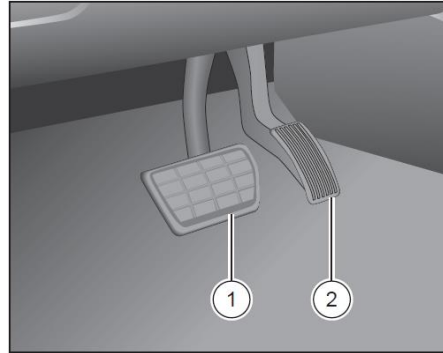
Ensure that all drivers and passengers have used the seat belt correctly.

During driving, do not perform operations unrelated to driving (such as answering telephone, smoking, adjusting equipment, etc.).


When children are present, the appropriate child safety seat should be used and installed on the non-front seat.


-  Do not drive after drinking.
-  Do not drive tired.
-  Do not violate traffic laws to avoid accidents.
-  Do not adjust the driver's seat while driving to avoid accidents.
-  Do not place anything that may interfere with driving operation under the driver seat to avoid accidents.

#### Pedal area




1. Brake pedal
2. Accelerator pedal


 Before driving the vehicle, it is necessary to ensure that all pedals can be easily stepped on to the bottom and can automatically return in any time.


 It is strictly forbidden to wear high-heeled shoes and slippers to drive the vehicle, because high-heeled shoe heel may hinder the brake pedal to be depressed to the floor; Slippers may cause slipping when stepping on the brake pedal, and the maximum braking force cannot be applied in time, which may easily lead to accidents.


#### Footrest on driver side


The footrest shall be fixed in the footwell. Please make sure that the footrest clings to the carpet and that there is a certain distance between the footrest and the brake pedal and accelerator pedal so that there is no interference between the footrest and the pedal.

 When stepping on the brake pedal, if it is blocked by footrest and other objects, it will affect the vehicle braking and may cause serious traffic accidents.

 Do not lay other footrests or coverings on the footrest to prevent reduced pedal travel and blocked pedal movement.

 Do not store any objects in the driver's foot space as they may slide into the pedal area and interfere with the driver's handling of the pedal. In case of emergency braking or emergency, once the driver cannot control the brake pedal, it is easy to cause serious accidents.

 It must be ensured that the footrest is firmly fixed to the floor.

 The thickness of the footrest used shall not exceed 10 mm.



## Driving mode



With the keyless start/stop button in the "RUN" mode, the driving mode can be selected through the center control display.

By setting the gearshift lever to the "S" gear, you can switch to the sports mode. Move the gearshift lever out of the "S" gear to switch back to the comfort mode.

### COMFORT:

It combines vehicle power performance and economy, suitable for a variety of road conditions.

### Economic mode (ECO):

It improves the fuel economy of vehicle, and is suitable for urban roads and paved roads.

### Sports mode (SPORT):

It improves the power performance of vehicle, giving priority to ensuring the power performance and acceleration of vehicle. It is suitable for the flat road with less vehicle and good road conditions.

### Smart mode (SMART):

According to the vehicle status and driver intention, the ECO, COMFORT and SPORT modes are called automatically.

**i** The vehicle defaults to comfort mode. If you want to switch to other modes, please select the mode according to the actual situation.

## Driving operation

### Brake system

#### ESP

ESP system can improve the driving stability of the vehicle, such as in acceleration and bends, and it can reduce the risk of vehicle slipping.


ESP integrates ABS, EBD, EBA and TCS.


ESP will only work when the engine is running.

In special cases, the ESP function shall be deactivated, for example:

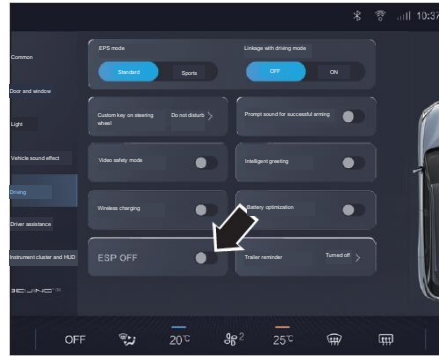
- When the vehicle is driving with tire chains.
- When the vehicle is driving in deep snow or on the soft road.
- When the vehicle is trapped in the muddy road section and needs to be moved back and forth.


#### ESP indicator lamp

If the ESP indicator lamp  flashes during driving, it means that the ESP system is performing stable adjustment.


If the ESP indicator lamp  stays on during driving, it means the ESP system is faulty and the vehicle should drive to the nearest BAIC MOTOR franchised dealer at low speed for troubleshooting.

#### ESP function off



The ESP OFF function can be turned on/off through the center control display. When the ESP OFF function is turned on, the ESP OFF indicator lamp  on the instrument cluster will be lit.

Each time you start the engine, the ESP function will be automatically turned on.

 The electronic stability system (ESP) has some limitations on vehicle stability control. Even if the vehicle is equipped with ESP, the driver should always adjust the driving mode according to the road and traffic conditions. This is especially important for driving on slippery and wet roads. Do not rely on this system to drive at risk; otherwise there will be a risk of accidents!

#### Hydraulic brake assist

When the ESP control unit monitors a vacuum deficiency through the vacuum sensor (e. g. high altitude, cold start), the ESP control unit actively increases the brake line pressure through the drive motor to compensate for the temporary vacuum deficiency.


When the hydraulic brake assist function intervenes, you can feel the brake pedal jitter and hear a "click" sound, which is normal.

### Hydraulic brake system

The hydraulic brake system transmits hydraulic pressure to the brake through double circuits. If one circuit fails, the other circuit will continue to work. At this time, you should drive to the nearest BAIC MOTOR franchised dealer at a low speed for overhaul provided that safety is ensured. To brake in this case, it is necessary to exert more force on the pedal.

### ABS

ABS prevents wheel lock during braking. The system helps the driver to better control the vehicle and reduces side-slipping during braking on slippery roads. ABS fault warning lamp


If the ABS fault warning lamp  lights up during driving, it means that the ABS system is faulty. In this case, drive the vehicle at low speed to the nearest BAIC MOTOR franchised dealer for overhaul.


### Working mode of ABS


When the ABS system works, you can feel the brake pedal shake and hear the "click" sound at the same time, which is a normal phenomenon and does not mean that there is a fault.

During the emergency braking, never release the brake pedal until the vehicle is stopped or out of danger (this is crucial!), and do not depress the brake pedal repeatedly; otherwise the ABS will stop working and the braking distance may be increased.

If the road is slippery, the ABS system will be activated even if the brake pedal is lightly pressed, so that the driver can obtain the road characteristic information through braking, and then adjust his/her driving style.

 In order to obtain the shortest possible braking distance and braking stability, the brake pedal should be depressed as hard as possible.

 After ABS failure, the vehicle's conventional brake system can still work normally, but there is no wheel anti-lock function, and in some cases the braking distance may be longer.

 The function of ABS has certain limitations. Developing a good driving habit is the basic guarantee of safe driving. Do not rely on the ABS to drive carelessly.

### EBD

The EBD automatically adjusts the distribution ratio of the front and rear axle braking force, improves the braking efficiency, shortens the braking distance to a certain extent, and improves the brake stability with ABS.

### HAS

When the vehicle is on a slope, the HAS function prevents the vehicle from sliding back when the driver releases the brake pedal by delaying the pipeline pressure release of the brake system. 2 seconds are left to allow the driver to move the foot from the brake pedal to the accelerator pedal for start. If the vehicle slips while the HAS is in operation, the brake line pressure will be released immediately to keep the vehicle under control.

## Driving operation


### Hydraulic brake assist

For fast but underpowered brake pedal input, ESP performs active boost to increase the brake line pressure. The braking distance was shortened because the brake stress was increased to the level of ABS intervention. This function can be triggered in any driving state and mode.

### Brake wear indicator

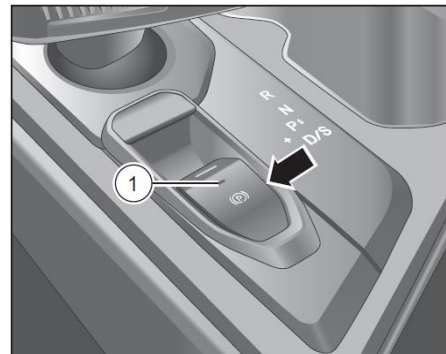
The brake pad is equipped with an abrasion sound indicator. If you hear harsh squealing or scraping sound when stepping on the brake pedal (this is different from brake squeezing, which is usually caused by dust on the brake surface during slight brake), you need to replace the brake pad.




### Brake system fault indicator lamp




If the brake system fault indicator lamp  lights up during driving, it indicates that the brake system is faulty and the brake fluid level needs to be checked. If the brake fluid level is normal, it means that there are other faults in the brake system. In this case, provided that safety is ensured, pull over immediately and contact the BAIC MOTOR franchised dealer for inspection and repair.

### EPB system



#### Manual release and application of EPB





With the keyless start/stop button in "RUN" mode and the parking brake clamped, depress the brake pedal, and press down the EPB switch  to release the EPB. At this time, the EPB switch indicator lamp  goes out, and the parking brake indicator lamp  on the instrument cluster goes out.


When the vehicle is stationary and the keyless start/stop button is in "RUN" mode, the parking brake is released. Pull up the EPB switch  to apply EPB. At this time, the EPB switch indicator lamp  is on, and the parking brake indicator lamp  on the instrument cluster is on.


### Automatic release or application of EPB

With the keyless start/stop button in "RUN" mode and the parking brake applied, when the vehicle is on a flat road, fasten the driver's seat belt, close all doors, switch the gearshift lever from "P" to "D" or "R" (no need to operate EPB switch), and depress the accelerator pedal to achieve automatic release of EPB. At this time, the EPB switch indicator lamp  goes out, and the parking brake indicator lamp  on the instrument cluster goes out.


After the vehicle is stopped, the vehicle can apply the parking brake automatically when the keyless start/stop button is switched to "OFF" mode or the gearshift lever is placed in "P" position. At this time, the EPB switch indicator lamp  is on, and the parking brake indicator lamp  on the instrument cluster is on.


### Precautions for parking safety


 Do not park vehicle near the flammable and explosive article to avoid fire.


 For automatic transmission models, the gearshift lever must be set to the "P" position. Otherwise, the vehicle may move unexpectedly, which may lead to accidents.


 Confirm that the parking brake is reliable.

 Always carry the vehicle key with you when leaving the vehicle. Otherwise, the person left in the vehicle may start the engine or electrical equipment by mistake, causing serious casualties.

 Never leave a child or someone who needs to be taken care of in the vehicle alone! Otherwise, it may make them suffocate or unintentionally move the vehicle, resulting in serious accidents.

 It is strictly forbidden to stay in the vehicle for a long time with the A/C or heating turned on when the vehicle is stopped while the engine is running; otherwise people inside the vehicle may be poisoned by exhaust gas and dead.

 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 keep the accelerator pedal depressed for a long time during parking with engine in operation. Otherwise, the engine or exhaust system may overheat and cause a fire.

### Parking method

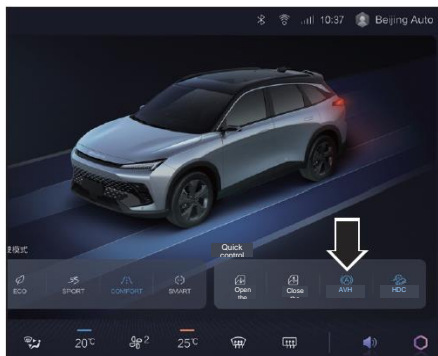
1. Stop the vehicle stably, apply parking brake, and confirm that the parking brake is reliable;
2. Set the gearshift lever to gear "P";
3. Check that all lamps and electrical equipment are turned off, confirm that the sunroof (if equipped) and windows are closed, and turn off the engine;
4. Take valuables and car keys with you and lock all doors. When the anti-theft indicator lamp on the instrument cluster flashes at low frequency, it indicates that the anti-theft system has been activated;


## Driving operation

- In case of parking on the ramp, in order to prevent the vehicle from entering the driving road when accidentally moving, when parking on the downhill road with curbstone, turn the steering wheel to make the wheel face the direction of curbstone; When parking on an uphill road with curb, turn the steering wheel so that the wheel is oriented away from the curb; Turn the steering wheel so that the wheel is facing the roadside when the vehicle nose is facing uphill or downhill and there is no curb. Chock the wheels when parking on a steep slope.


### AVH

The AVH helps keep the vehicle stationary in any stationary condition. The driver does not have to step on the brake pedal all along, to keep the vehicle stationary.




The AVH function can be turned on/off by the AVH switch  located in the center control display.


### Standby

When the keyless start/stop button is at "RUN" mode, close all the doors, fasten driver's seat belt, touch the AVH switch , and the AVH function is on standby.

### Execution

With the AVH in standby state and the gearshift lever in the "D" gear, when the brake pedal is deeply stepped down during driving, after the vehicle stops, the AVH enters the execution state, that is, it automatically maintains the parking brake state. At this time, the AVH indicator lamp  on the instrument cluster will come on.

### Automatic release

With the AVH on and the gearshift lever in "D" position, step on the accelerator pedal, then AVH will be automatically released, and the parking brake will be automatically released. At this time, the AVH indicator  on the instrument cluster will go out.



When the parking brake is applied, do not step on the accelerator pedal quickly; otherwise it will reduce the life of the EPB.



The automatic release function of the EPB will reduce the service life of the parking system. It is recommended to use it only when starting on a hill.

⚠ After the vehicle with AT is parked, the parking brake should be applied before setting the gearshift lever to the "P" position.

⚠ Be sure that the driver's seat belt is securely fastened and confirm that the doors are closed; otherwise the automatic undocking function of EPB will not work.

⚠ If the brake pedal is not depressed, press the EPB switch downward, the parking brake will not be released. The instrument cluster display prompts "please step on the brake pedal to release the EPB".

⚠ In some special cases, if the EPB is not required for parking, the EPB switch can be pushed down before turning off the start/stop button, hold for more than 3 seconds and turn off the power, then the vehicle will not apply parking brake.

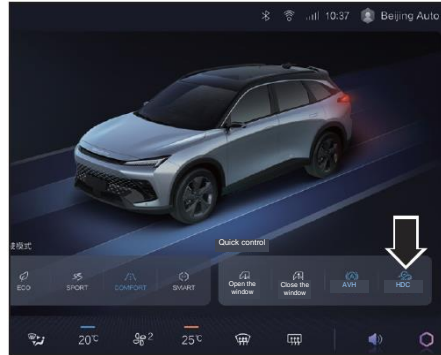
## HDC



The HDC helps the driver actively brake the vehicle in downhill conditions (the maximum gradient is 50%) to ensure that the driver can drive down steep slopes at a constant and safety speed.

👁 The HDC function is off by default. After the vehicle restarts, if you want to turn on the HDC function, you need to press the HDC switch.





## ON/OFF





When the vehicle speed is  $\leq 35$  km/h, touch the HDC switch , and the HDC enters the standby state. The green indicator lamp  of the instrument cluster is on.

With the HDC in standby state, the vehicle can go downhill at the current vehicle speed (vehicle speed  $\geq 8$  km/h and  $\leq 35$  km/h) when the gearshift lever is in the forward gear and the vehicle is downhill (head down), and the driver does not need to apply brake or acceleration.

The green indicator lamp  on the instrument cluster flashes at this moment. The driver shall change the vehicle speed by applying brake or acceleration.

With HDC in standby state, when the vehicle speed is  $\geq 60$  km/h, the HDC function is turned off automatically and the green indicator lamp  on the instrument cluster goes out.

The driver touches the HDC switch  again to turn off the HDC and the green indicator lamp  on the instrument cluster goes out.

### Factors affecting braking effect

#### 1. Wear

The wear and tear of a brake pad depends largely on the conditions of use and driving mode, especially for vehicles that are often driving in urban traffic and short distances or sports mode. Therefore, it is necessary to check the thickness of the brake pad within the specified interval of maintenance.

#### 2. Wet or salted road

Wet roads: during driving in ponding, heavy rain, or after vehicle washing, where the brake disc and brake pad are wet or frozen at low temperature in winter, the braking efficiency is reduced, so please gently press the brake pedal a few times to dry the brake and restore its performance.

Road with salt spray: When driving on a road with salt spray, if the brake is not used for a long time, there will be salt on the brake disc and brake pad, and the braking efficiency will be reduced. In this case, gently step on the brake pedal several times to remove the salt on the brake disc and brake pad.

#### 3. Mountain environment


The braking efficiency will be deteriorated due to the high altitude and long slopes of mountain environment and high frequency and long-time use of brake under high intensity. Therefore, when the vehicle goes downhill, do not slide in neutral and avoid frequent braking. Try to use the low gear to control the vehicle speed through the engine auxiliary brake, which can reduce the wheel braking intensity and the brake temperature. When using the engine auxiliary brake, the lower the transmission gear, the higher the engine speed, the greater the drag, the more obvious the braking effect.

#### 4. Plateau environment

Because of the thin air and low tire pressure, the brake vacuum boost will be smaller, and the brake in the plateau requires more brake pedal force. When braking is required, do not step on the brake pedal by snubbing, but keep the foot on the brake pedal to ensure braking efficiency by controlling the brake pedal force.

#### 5. Snow and ice weather

Due to the low friction coefficient on the icy road, the braking distance will be greatly extended during braking and will increase with the vehicle speed, so pay special attention to controlling the vehicle speed and keeping a large safety distance with the lead vehicle and side vehicle.

 It is forbidden to slide in neutral gear when driving on icy or snowy road.


#### 6. The brake disc is corroded

If the vehicle is parked for a long time, the brake disc may become rusty and the brake pad may become dirty simultaneously. It is recommended to clean the brake disc by driving at low speed and braking for several times before driving.

#### 7. Failure of brake system

If you notice that the braking distance suddenly becomes longer or the brake pedal travel becomes longer, there may be a malfunction in the brake system. Provided safety is ensured, adjust the driving style, apply more force to the brake pedal during braking, and drive at a low speed to the nearest BAIC MOTOR franchised dealer.



 When the vehicle completely loses brake, do not drive forcibly. In this condition, you should pull over with safety, contact the BAIC MOTOR franchised dealer and wait for rescue.

#### 8. Overheating of brake

When you don't need to brake, don't put your foot on the brake pedal, which will make the brake "slip". Otherwise, the brake will overheat, the braking efficiency will be reduced, braking distance will be prolonged, and brake pad and brake disc wear will increase.


## Driving assistance


### Cruise control\*


Cruise control is a kind of system in which the vehicle can automatically maintain a constant speed by controlling the throttle. After using the cruise control during long-distance driving on the expressway, the driver does not need to step on the accelerator pedal, and the vehicle can keep running at a set speed, thereby reducing driving fatigue and improving driving comfort.

Control conditions of cruise control:

- The cruise control works only when the vehicle speed is between 40 and 130 km/h. If the speed is not in this range, the cruise control cannot be activated.
- The gearshift lever is in the "D" gear.
- Fail to meet any condition leading to cruise exit (e. g. stepping on the brake pedal).
- The cruise control function must be selected.

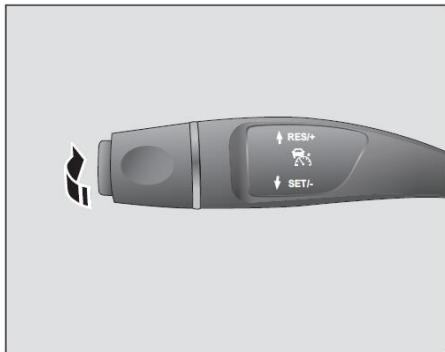
 Do not use the cruise control in extreme weather (such as fog, rain, snow, hail, etc.), and on slippery road, steep slope or curves, so as to prevent loss of control of vehicle and accidents.


 The set cruising speed and distance from the lead vehicle must be appropriate to the prevailing traffic conditions. The cruise control system is only a driver assistance system and should be used with caution.


 The cruise control system should be shut down in time after use.

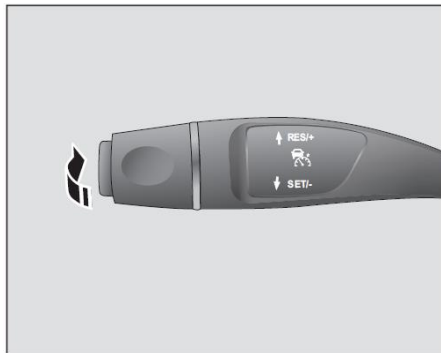
## Driving operation


### Turning on/off cruise control



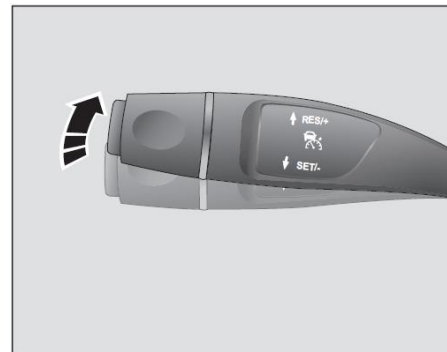
1. Push the control lever forward to turn the cruise control on, and the white cruise control indicator lamp  in the instrument cluster lights up at the same time.
2. Increase the vehicle speed to the cruise starting speed (no less than 40 km/h);

3. Pull down the control lever to set the vehicle to cruise control at the current speed, and the green cruise control indicator lamp  in the instrument cluster will light up. If the vehicle speed memory is not cleared, pull the control lever upward to resume cruise control at the last memorized vehicle speed;
4. Release the accelerator pedal, and the vehicle enters the cruise control state.

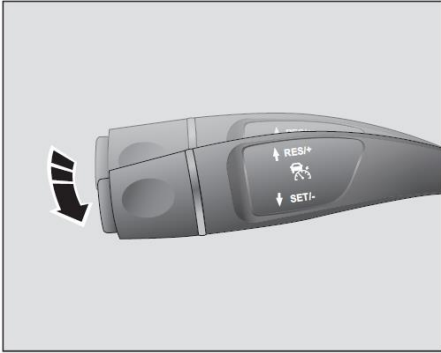


When the cruise control function is on, push the control lever forward to exit the cruise control, and the green cruise indicator lamp  of the instrument cluster will go out.

### Increasing/reducing cruising speed



1. Toggle the control lever upward to increase the cruise target speed by 2 km/h;
2. Press and hold the control lever upward to increase the target speed by 10 km/h, which may not be higher than 130 km/h.

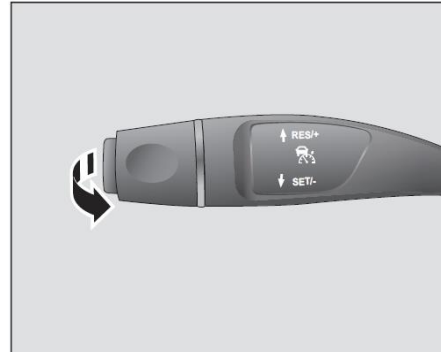



3. Pull down the control lever, and the cruise target speed will decrease by 2 km/h;
4. Pull down the control lever and hold it, the vehicle speed will decrease continuously but should not be lower than 40 km/h; release the control lever, and the cruise control will be achieved according to the new set vehicle speed.

### Overtaking

When you need to overtake, press the accelerator pedal to accelerate. After you release the accelerator pedal, the vehicle will gradually return to the cruising speed previously set.

### Cruise control suspension




The following four actions will temporarily deactivate the current cruise control, but the vehicle speed memory will not be erased, and the white cruise control indicator lamp  in the instrument cluster will light up.

- Step on the brake pedal.
- Set the gearshift lever of the transmission to the N gear.

- Pull the control lever backward.
- When ESP is in operation.

### Resuming the cruise control

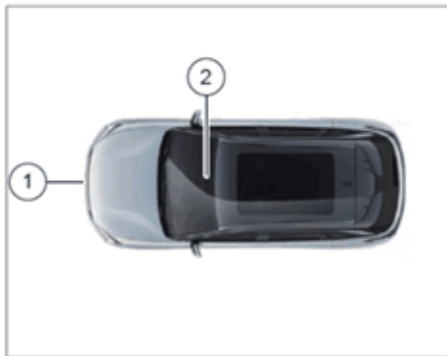
After the cruise control is temporarily deactivated, pull the control lever upward when the vehicle speed reaches higher than 40 km/h, then the green cruise indicator lamp  on the instrument cluster will light up, and the vehicle speed will return to the memorized value set by the previous cruise and maintain it. Pull down the control lever for cruising at the current vehicle speed.

## Driving operation


### Introduction to ADAS


The ADAS can actively monitor the road conditions around the vehicle to achieve driving assistance.

### Position of ADAS sensor




- ① Front MMR
- ② Front camera


 If the front windshield or bumper needs to be replaced, send the vehicle to the BAIC MOTOR franchised dealer. This ensures proper handling, installation of the camera and MMR. Otherwise, some functions of the ADAS may fail.

 To ensure that the various components of ADAS provide as accurate information as possible, these components should be kept clean, free from obstructions and damage. Occasionally, use a soft cloth dipped in warm water to wipe the bumper and front windshield on the outside of the parts and parts to remove dirt and slush.

 Do not use corrosive or abrasive cleaner.

 Do not use a high-pressure washer.


 Do not use sharp or abrasive objects to clean the camera lens, so as not to scratch or damage its surface.


 Do not install any metal or alloy (including electroplating) decoration on the bumper in front of the radar


**ACC\***


ACC uses MMR to detect the relative distance and relative speed between the vehicle in front and the vehicle on the basis of traditional cruise control, and controls the vehicle's speed automatically, so as to achieve the purpose of following cruise. Depending on whether there is a vehicle ahead, the system can automatically switch between cruise control and following cruise.


With the ACC, your vehicle can carry out the following cruise with the vehicle in front within the speed range of 0~150 km/h and the cruise control within the range of 20~150 km/h. You can also set the headway to the lead vehicle.


 ACC is not a safety system, obstacle detector, or collision warning system, but a comfort system. The driver must always maintain control of the vehicle and take full responsibility for the vehicle.

 Towing trailers will degrade the dynamic performance of the ACC system.

 The ACC function can provide driving assistance for the driver, but it cannot replace the driver to drive. The driver must drive carefully and obey traffic rules even if the ACC system is activated.


 ACC system is suitable for use on expressway and roads in good road conditions, not on complex urban roads or mountain roads.


 The ACC system automatically controls the vehicle as the target moves within 3 seconds of following the target in front. At this time, the driver should observe the vehicle in real time to ensure that there are no obstacles or other traffic participants that could cause a collision.


 Due to the complexity of real-time traffic, road, weather, etc., the radar cannot guarantee correct detection. Please turn off the ACC function and drive carefully in bad conditions.


## Driving operation


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 ACC system will cause a certain degree of performance degradation when the camera is blocked or faulty.


 In the environment with strong reflection on the magnetic wave generated by MMR (such as multi-story parking lot, tunnel, etc.), the performance of radar may be greatly reduced. Please cancel or turn off ACC.


 The driver needs to adjust the following distance according to the traffic flow ahead and the current weather conditions (such as rain, snow, etc.) and set the ACC properly. The driver needs to monitor the vehicle in real time and ensure the safety of the vehicle.


 Never use the ACC system in extreme weather (such as heavy fog, rain, snow, hail, etc.), slippery road, steep slope or curve.


 In some cases (the relative speed of the car in front is too fast, the lane change is too fast, or the safety distance is too small, etc.), the system does not have enough time to reduce the relative speed. In this case the driver needs to respond appropriately.


 Due to safety, ACC cannot be activated when ESP is not enabled.


 ACC can apply at maximum about 40% of the vehicle's braking force. When ACC is on, if the vehicle is too close to the lead vehicle, it will trigger the takeover request alarm and the instrument cluster will send out continuous alarm. The driver must immediately take over the vehicle control and take collision avoidance measures to avoid danger.


 The ACC system cannot give an audible or visual warning in every case. It is the driver's responsibility to maintain a distance from the lead vehicle. The driver shall maintain a suitable distance depending on the environmental conditions.


 When the ACC system is working, if the driver steps on the accelerator pedal, the vehicle will be taken over by the driver. The distance control function of ACC system will be inhibited.


 ACC system only works on vehicle moving in the same direction in front of the lane, instead of working on oncoming, cross-passing, stationary or slow-moving vehicle, pedestrians, animals and other objects on the road.


 If the vehicle with the ACC system activated is too close to the vehicle on the adjacent lane (or the vehicle on the adjacent lane is too close to the lane of ACC vehicles), the ACC system may react to the vehicle and brake.


 Never use the ACC system when driving on unpaved or earth roads.


 A sudden brake of the lead vehicle (emergency stop) can cause the ACC system to fail to respond or respond too slowly for lead vehicle, leading to a risk of delayed braking. In this case, the driver will not receive a takeover request.

 The ACC system is subject to the limitations of radar sensors, and the system may brake when it is unnecessary or the system may not brake when it is necessary. Therefore, if it is necessary to brake immediately, the driver has the responsibility to take the initiative to take braking measures.

 The radar sensor is installed in the front area of the vehicle. Care should be taken that the field of vision of the sensor cannot be obscured or defaced; otherwise it will interfere with its performance. This can cause the system to exit, especially if the sensor is completely covered by snow. The system will convey the information of the system exit to the driver through the instrument cluster.

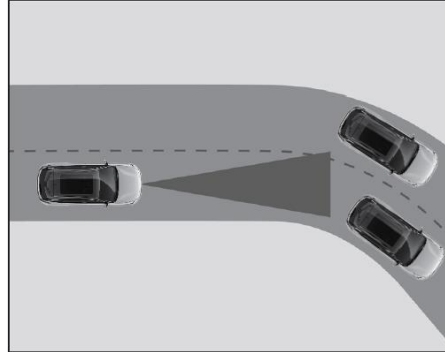
 During the theme switching process, the instrument cluster cannot display the status of the ACC system and related prompt alarm information. Please keep an observation of the vehicle and road conditions, and take over the control of the vehicle in time if necessary.

 It may be difficult to see the information on the instrument cluster when the sunlight is strong or the driver is wearing sunglasses. When the window is turned on, the vehicle is driven at high speed, or the sound of the in-vehicle entertainment system is too loud, it may be difficult to hear the prompt sound from the instrument cluster. Drivers should always pay attention to vehicle driving status and the road conditions and take over the control of the vehicle in time.

 When the ACC is activated, the instrument cluster shows the situation of the lead vehicle and the vehicle in adjacent lane, which may be different from the actual situation. You must maintain real-time observation of the vehicle and real lane, and be fully responsible for maintaining safe driving.

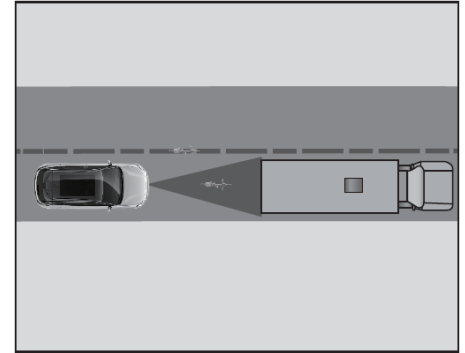
### Detection problem

The radar may be unable to detect the target vehicle or delay the detection in the following cases:



#### 1. Driving in a curve

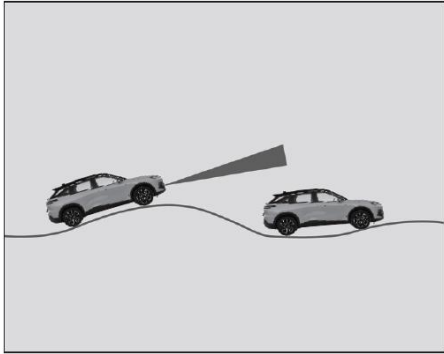
When the vehicle passes a curve, the radar may not detect the vehicle in front of this lane, or the vehicle in the adjacent lane.



#### 2. The narrow vehicles in the front

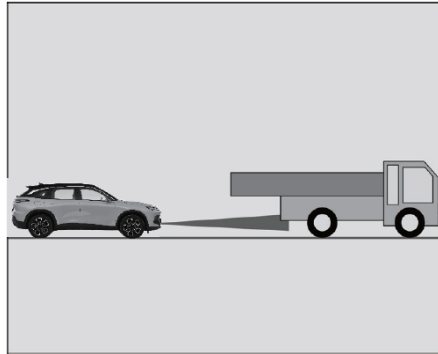
The radar may not be able to detect narrow vehicle such as motorcycle and bicycle.

## Driving operation



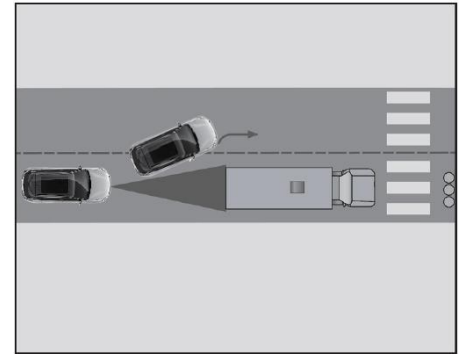
### 3. Ramp

When the vehicle enters the ramp, the radar may not be able to detect the vehicle ahead.



### 4. Vehicle with special loads/equipment

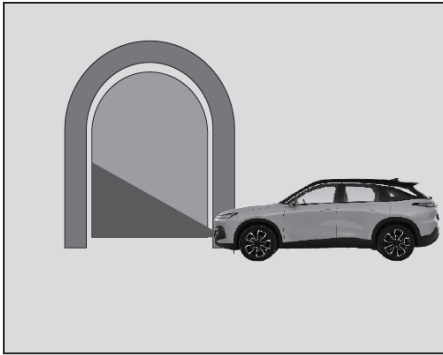
The radar is unable to detect items or accessories loaded on the front vehicle that extend beyond the sides, rear ends or roof of the vehicle. If the front vehicle is equipped with the above-mentioned special items or accessories, the driver should remain alert when such vehicle are passed, and if necessary, take emergency measures and temporarily turn off the ACC function.



### 5. Stationary vehicle ahead

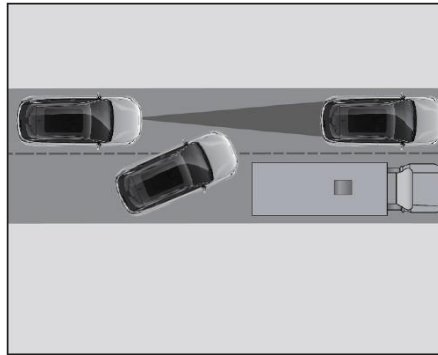
The radar cannot reliably identify a stationary vehicle ahead.





#### 6. Driving through tunnel

The radar sensor does not work properly when the vehicle is driving in the tunnel, so the vehicle must not use it when driving in the tunnel.



#### 7. Other vehicles change the lane

When a vehicle in an adjacent lane merges into your lane, if the vehicle does not enter the detection range in front of the vehicle, the radar sensor may not detect the vehicle, resulting in a delay in the ACC response.

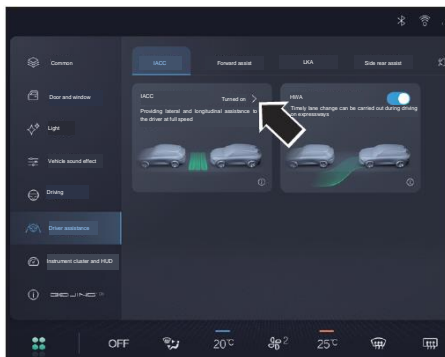
**i** The system brake may make a sound when ACC is working. This phenomenon is normal and you can use it safely.

**👁** ACC will cause vehicle braking when brake is not required or when you do not intend to brake. This may be caused by the detection of vehicles or objects in adjacent lanes (especially on curves).


**👁** The ACC function cannot cover all driving scenarios and traffic, weather and road conditions. Even if the ACC is activated, the driver must drive carefully and obey traffic rules. The driver must always maintain control of the vehicle and be fully responsible for the vehicle.

## Driving operation

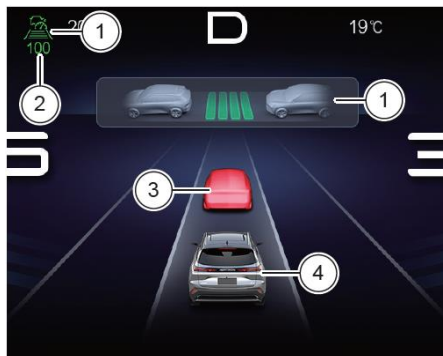
### Turning on/off ACC



Through the center control display, the IACC function (including the ACC function) can be set on/off, and the lead vehicle departure prompt and destination prompt tone can be selected.

Turn on the IACC in the center control display, the white ACC indicator  in the instrument cluster lights up and the ACC enters the standby.


Open the interface:



- ① Set headway
- ② Set cruising speed
- ③ Identified lead vehicle
- ④ Ego vehicle

### Activating/deactivating ACC

ACC can be activated by pulling the control lever toward the steering wheel or pulling the shift lever up or down when ACC is ON and the system meets the activated conditions. At this time, if the current vehicle speed is  $\geq 20$  km/h, the current vehicle speed is set as target speed; If the current vehicle speed is  $\leq 20$  km/h, the target speed should be set to 20 km/h. At this time,

when the green ACC indicator lamp  in the instrument cluster lights up, the ACC function is activated.

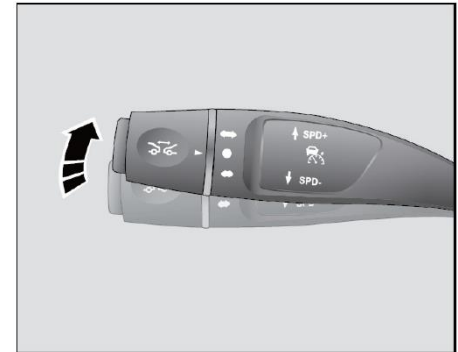
**i** After the ACC function is enabled, the following conditions must be met for the ACC to work normally:

- In gear D or gear S (ACC function cannot be used in gear M).
- The engine is in operation.
- No EPB is applied.
- The brake pedal is not stepped on.
- The ESP switch is not turned off.
- The vehicle runs stably, and the EPB system is not involved.
- The brake temperature is not too high due to frequent braking.
- The door on driver side and hood are not open.
- The radar is not obscured.
- The driver seat belt is not unfastened.
- $0 \leq \text{ego vehicle speed} \leq 150 \text{ km/h}$ .

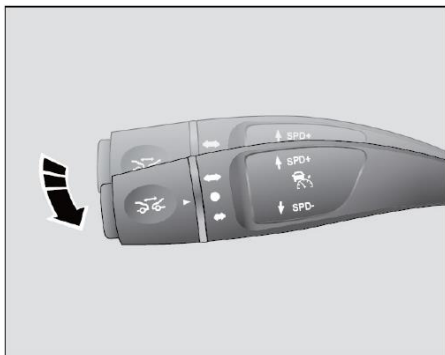
**i** The ACC will be deactivated automatically when the following conditions occur:

- Turn off the IACC function in the center control display setting.
- Stop following the vehicle for more than 10 minutes.
- Push the control lever forward.
- The vehicle slides backwards after following stop.
- The driver keeps pressing the accelerator pedal more than 15 minutes for acceleration.
- ABS, ESP, etc. are activated.
- Other activation conditions are not met.

### Increasing/reducing target speed

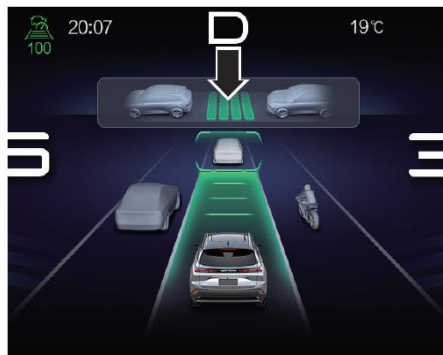


After the ACC is activated, pull the control lever upwards, and the cruising speed will increase by 5 km/h. Pull the control lever upwards for the first time to increase the target speed to the nearest multiple of 5 (for example, 43 km/h will increase to 45 km/h); Press and hold the control lever upward to increase the target speed by 1 km/h/s. The instrument cluster displays the updated target speed in real time.



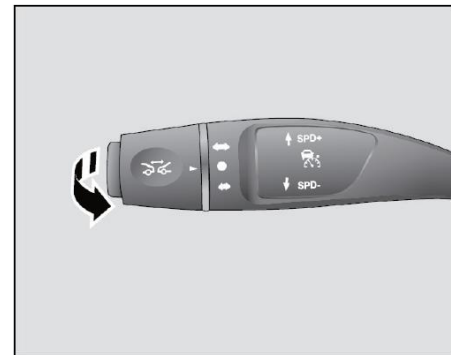
After ACC is activated, pull down the control lever, and the target speed will decrease by 5 km/h. Pull down the control lever for the first time to decrease the target speed to the nearest multiple of 5 (for example, 43 km/h will decrease to 40 km/h); Press and hold the control lever downwards to decrease the target speed by 1 km/h/s. The instrument cluster displays the updated target speed in real time.

### Adjustment of headway



When ACC is activated, turn the control knob to adjust the time gap between the vehicle and the front vehicle. The headway is set with four gears, 1.0 s, 1.5 s, 1.9 s and 2.3 s respectively.

### Resuming ACC



After the ACC is disabled, pull back the control lever, and the ACC will be reactivated at the previously set target speed.

**Vehicle following stop/start**

ACC system can control the vehicle to stop following the lead vehicle under normal driving conditions. If the stopping time is within 3 seconds, the vehicle can automatically follow the lead vehicle to start.

If the vehicle is stopped for less than 10 minutes, the driver needs to press the accelerator pedal or pull the control lever backward to reactivate ACC.

If the vehicle is stopped for more than 10 minutes, ACC will enter the standby and the EPB function will be enabled.

**Active acceleration/deceleration during use of ACC system**

When ACC is activated, step on the accelerator pedal and the vehicle will continue to accelerate. After reaching the required vehicle speed, release the accelerator pedal. If the vehicle speed is greater than 150 km/h or the accelerator pedal is kept depressed for more than 15 minutes, the system will enter the standby state. At this time, the ACC needs to be reactivated.

When ACC is activated, depress the brake pedal, the vehicle decelerates continuously, the ACC system will automatically enter the standby state. After releasing the brake pedal, you need to reactivate ACC.

**i** When the driver steps down the accelerator pedal to accelerate actively, the vehicle will be taken over by the driver, and ACC distance control will not be activated.

**Troubleshooting**

When the system detects a malfunction, the cruise control indicator lamp on the instrument cluster turns yellow. The radar is blocked:

Please clean the radar, and if the fault cannot be eliminated automatically for a long time after cleaning, please go to the BAIC MOTOR franchised dealer for treatment. Functional limitation:

If a fault occurs, and the fault reminder cannot be eliminated automatically for a long time, the fault still exists after restarting the vehicle, please go to the BAIC MOTOR franchised dealer for maintenance.

Be sure to go to the BAIC MOTOR franchised dealer for professional calibration of the radar in the following cases:

- Remove or re-install the radar and front collision cross member.
- The radar is not stable or its position is abnormal due to external force.
- The vehicle has suffered a collision.
- ACC performance degradation (such as abnormal shortening of the distance from the detected target or frequent mistaken identification of vehicles in the next lane, etc.).
- Warning and auxiliary brake system functions are abnormal (such as frequent false warning or braking, etc.).

## Driving operation

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### IACC\*


Please read and familiarize yourself with the entire contents of this chapter before using the IACC.


IACC provides the longitudinal and lateral assistance of the vehicle to the driver within the full speed range.


Longitudinal assist is realized by ACC, and controls the vehicle for following cruise with the lead vehicle in the vehicle speed range of 0-150 km/h and cruise control in the range of 20-150 km/h. The headway to the lead vehicle can also be set.

The working speed range of IACC is 0 ~ 150 km/h. IACC performs steering assistance control by identifying the clear lane markings on both sides of the lane. At this time, IACC is in the control mode of lane markings. On the instrument cluster, the IACC icon is displayed in green and the lane marking is displayed in green.

 The IACC cannot cover all driving scenarios and traffic, weather and road conditions. Even the system is active, the driver must drive carefully and obey traffic rules. The driver must take control of the vehicle at all times and be fully responsible for the vehicle.


 IACC is a driver assistance function, and there are many restricted exit situations, so the driver shall always hold the steering wheel.


 IACC is not a collision avoidance system, so in case of emergency, the driver should intervene in time.


 The IACC system may falsely detect the lane marking or fail to detect the lane marking, and may falsely detect or fail to detect a target ahead. Although the system is turned on, it may not work under the following conditions:

- Poor view of camera, such as when driving in rain, snow, fog and other bad weather;
- The windshield is foggy, dirty or the front of the camera is blocked;
- The camera temperature is too high;
- Camera dazzling and self-dazzling caused by direct sunlight, oncoming traffic and waterlogging on road;
- Sudden changes in ambient brightness, such as when entering and leaving tunnels;
- The system found that the driver did not operate steering wheel for a while;
- The lane marking is damaged, unclear or invisible, or the color of the lane marking is difficult to distinguish, or the lane marking is covered by dirt or snow;

- The number of lane suddenly increases or decreases;
- Isolation belts on both sides of the road or other objects cast shadows on the lane marking;
- There are more than two lane markings on the left and right sides of the vehicle;
- Change of markings in a short time, such as at ramps and expressway exits;
- Driving on a curve with too small radius of curvature;
- Too wide or narrow lane;
- Vehicle lane change;
- ABS and ESP are activated;
- The vehicle yaw rate is too high;
- Driver intervention when the system works;
- APA is activated;
- Driver accelerator pedal speed, steering angle rate is too high or brake pedal is depressed.


 The longitudinal control of the IACC system should be based on ACC, and the limited conditions should refer to the content of ACC.

 During the operation of IACC, the system braking sound may occur. This phenomenon is normal and you can use it safely.

 The system may cause the vehicle to brake when it doesn't require a brake in the working process, or when you do not intend to brake. This may be caused by the detection of vehicles or objects in adjacent lanes (especially on curves).

 The use of the IACC function is not recommended in the following cases:

- The lane marking is worn or missing;
- The lane marking is not clear, such as in case of crossing or converging, etc.;
- Low visibility, bad weather conditions, such as backlight, sunset, rain, snow, fog, slippery, watery road;

- There are edges, such as curbs, joints, shadows or obstacles, near the lane;
  - Driving the vehicle aggressively on unpaved roads;
  - Driving in urban areas, intersections, construction sites and other complex traffic environments, or on mountain roads, undulating roads, expressway entrances and exits, and so on;
  - The high intensity magnetic environment will interfere with the response of electric power steering system (EPS). Do not put high intensity magnetic objects near EPS. When the vehicle is in the high intensity magnetic environment for a long time, please pay attention to the EPS performance of the vehicle. Do not use the IACC when there is an abnormality, and immediately go to the BAIC MOTOR franchised dealer for overhaul;
  - When the vehicle is connected to the trailer.
-  The control function or performance of IACC system may not be guaranteed under the following circumstances:
- Vehicle overload;



## Driving operation

- When the vehicle tire pressure is too high or too low, but does not necessarily reach the alarm status;
- The road is bumpy and uneven;
- Strong crosswind;
- Sharp turn or narrow road;
- The parts related to vehicle handling are non-original parts or have been modified.

## Turning on/off IACC

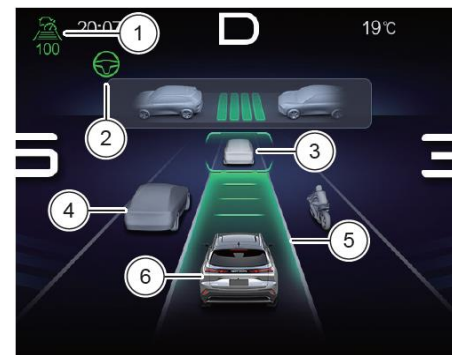




Through the center control display, the IACC function can be set on/off, and the lead vehicle departure prompt and destination prompt tone can be selected.


Turn on the IACC in the central control display. At this time, the cruise control indicator lamps (  and  ) in the instrument cluster are on, and the IACC enters the standby state.

Users can also select the sensitivity of IACC through the alarm sensitivity of LKA on the central control display.

## Display interface



Indicates the status of longitudinal control ACC, whether the lead vehicle is detected, the set cruising speed and headway. During standby, the ACC standby status indicator lamp (white indicator lamp)  will light up; After ACC is activated, the ACC indicator lamp (green)  is on; The number of horizontal lines under the indicator lamp represents the time span gear set by the driver , including 1st gear, 2nd gear, 3rd gear and 4th gear.



② indicates the IACC status. When the longitudinal control and lateral control are activated, the indicator lamp  lights up in green and shows white in standby.



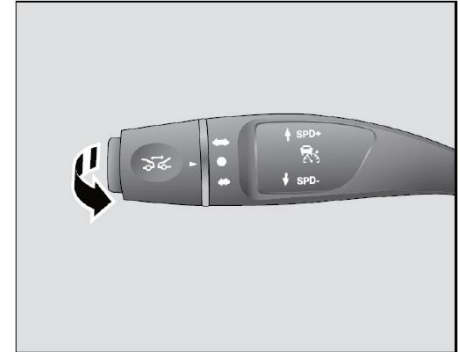
- ③ indicates the identified target vehicle and will be highlighted after the system identifies the target vehicle.
- ④ Other target vehicles.
- ⑤ indicates lane markings. When the lane marking is visible, IACC is based on visual mode for control, and lane markings are highlighted in green.
- ⑥ indicates ego vehicle.

### Activating/deactivating IACC

When the main cruise switch is on and the system meets the activation conditions, first activate ACC by setting the control lever to "SET/RES" or "SPD+" or "SPD-". If the current vehicle speed is  $\geq 20$  km/h, the current vehicle speed is set as target speed; If the current vehicle speed is  $\leq 20$  km/h, the target speed should be set to 20 km/h. The green ACC

indicator lamp  in the instrument cluster lights up, the ACC function is activated. Toggle the control lever to "SET/RES" again, the green cruise indicator lamp  in the instrument cluster will light up and the IACC function will be activated.

### Resuming IACC



After IACC exits to ACC, IACC will be reactivated automatically when the activation conditions are met; After IACC exits completely, we need to press SET/RES to activate ACC, and press and hold SET/RES to re-activate IACC.

## Driving operation

### Take-over

When the IACC detects that the driver's hands are out of the steering wheel, the system will issue a prompt "please hold the steering wheel." If the driver does not respond in time, the system will issue a takeover request, "Please take over now".

After receiving the takeover request, the driver should immediately apply appropriate braking and hold the steering wheel, not panic or slam the steering wheel. When the IACC system detects that the user operates the steering wheel, it will automatically activate the lateral auxiliary function again.


IACC system's brake capability is limited, and when the system requires driver to intervene in the brake, the instrument cluster will display "Please Take Over Now".


### LKA\*


#### LDW system\*


The Lane Departure Warning (LDW) system detects the lane marking through the camera. When it detects that the vehicle is drifting out of its lane and the driver has no intention to change lane, the system issues a visual and audible alarm, warning the driver that the vehicle is drifting out of its lane and driving should be careful.

 This function only plays an auxiliary warning function and cannot replace the control of driver.

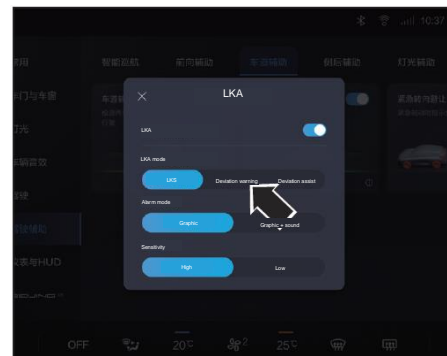
 When the system fault is indicated, please contact the BAIC MOTOR franchised dealer for inspection.


 In case of road construction, ponding or cracks on the road, or unclear markings, this function will cause false and neglected alarms. Please drive carefully.

 When the camera is covered by rain, snow, mud, ice, etc., this function will give false alarm and neglected alarm. Drivers are required to drive carefully and keep the camera area clean.

 In case of driving in night, rain, snow, fog, shadow, etc., this function will give false alarm and neglected alarm. Drivers are required to drive carefully.

### Turning on/off LDW



The user can turn on/off the LDW function through the center control display, and select the alarm mode and alarm sensitivity. When the system is turned on, the instrument cluster lane departure warning indicator lamp  will light up.

When the vehicle is started, the LDW switch is on, and the vehicle speed is higher than 60 km/h, the LDW function is activated.

**i** When LDW is activated, it can exit if any of the following conditions are met:

- The vehicle speed is less than 55 km/h or the vehicle speed is greater than 150 km/h.
- ABS or ESP function is activated.
- Turn off the LDW.
- The lane markings on both sides are not visible.

**i** When the vehicle is in the backlighting, glare and other environmental conditions, the LDW function may exit for a short time, or there may be false alarms or neglected alarms, and the system will automatically recover after a period of time, so drivers need to drive carefully.

Display interface



Lane marking identification and system interface display status are as follows:

- When the lane marking is not recognized, the lane marking is not displayed.
- When the lane marking is identified and the vehicle is not deviated, the lane marking is white.
- When the lane marking is identified and the vehicle deviates, the lane marking is red.

#### LDW sensitivity

LDW sensitivity refers to the trigger frequency of LDW alarm. In high sensitivity, there are fewer conditions to suppress alarm, and in low sensitivity, there are more conditions to suppress alarm.

High sensitivity suppression condition:

- The vehicle deviates from the direction with the turn signal indicator lamp turned on.
- ESP or ABS intervention.
- Quick and continuous crossing of lane markings.
- Crossing over lane markings.
- Merging of lane markings.
- Strong braking. Inhibition conditions of low sensitivity:
- All high sensitivity suppression conditions.
- Sharp turning (excessive steering angle rate).
- Slam open the throttle.

## Driving operation

### LKS\*

The LKS detects lane marking through camera. When the lane markings on both sides are detected, the system assists the driver in keeping the vehicle in the center of the lane by applying steering intervention.

This function only plays an auxiliary role and does not replace the control of the driver. When using this function, the driver should always concentrate, hold the steering wheel, be ready to make steering corrections or take over the vehicle; otherwise, it may cause personal injury or property damage.

If the camera cannot detect the lane marking ahead due to road construction, waterlogging on road, pavement cracks or unclear markings, this function will not work. Please drive carefully.

When the camera is covered by rain, snow, mud, ice, etc., this function will not work, so the driver shall drive carefully and keep the camera area clean.

This function will mis-work or not work under the circumstances of night, rain, snow, fog, shadow, etc., so the driver shall drive carefully.

When encountering the situation of increasing lanes or lane merging, this function may malfunction or not work, the driver shall drive carefully.

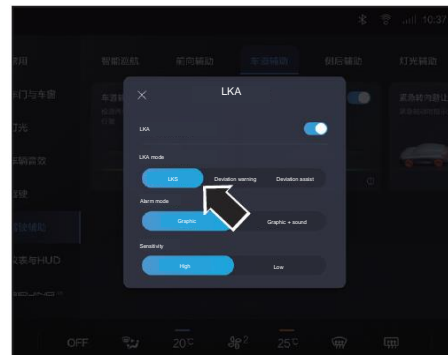
When the system fault is indicated, please contact the BAIC MOTOR franchised dealer for inspection.


When encountering intersection, traffic jam and other complex conditions, this function may malfunction or not work, the driver shall drive carefully.

When the tire pressure of the vehicle is too high or too low, but does not reach the alarm state, the LKS function may be unavailable or suffer performance degradation.

When the parts related to vehicle handling are not original parts or modified, the function of LKS may be unavailable or the performance of LKS may be degraded.

### Turning on/off LKS



The user can turn on/off the LKS and select its alarm mode and alarm sensitivity through the center control display. When the system is turned on, the LKS indicator lamp  on the instrument cluster lights up.

When LKS is activated, it can exit if any of the following conditions is met:

- The vehicle speed is less than 55 km/h or the vehicle speed is greater than 150 km/h.
- ABS or ESP function is activated.

- Turn off the LKA switch button.
- The lane is too wide or too narrow.

**i** When the vehicle is in backlighting, glare and other environmental conditions, the LKS function may be deactivated for a short time, or there may be false alarm and neglected alarm, and after a period of time, the system will automatically recover, so the driver shall drive carefully.

Display interface



Lane marking identification and system interface display status are as follows:

- When the lane marking is not recognized, the lane marking is not displayed.
- When the lane marking is identified and the vehicle is not deviated, the lane marking is white.
- When the lane marking is identified and the vehicle deviates, the lane marking is red.
- When the lane marking is identified and the steering intervention is applied, the lane marking is green.

#### LKS sensitivity

The sensitivity of LKS refers to the trigger frequency of LKS. In high sensitivity, there are fewer conditions for inhibition, and in low sensitivity, there are more conditions for inhibition.

High sensitivity suppression condition:

- The vehicle deviates from the direction with the turn signal indicator lamp turned on.
- ESP or ABS intervention.
- Quick and continuous crossing of lane markings.
- Crossing over lane markings.
- Merging of lane markings.
- Strong braking. Inhibition conditions of low sensitivity:
- All high sensitivity suppression conditions.
- Sharp turning (excessive steering angle rate).
- Slam open the throttle.

## Driving operation

### RDP\*

The RDP (RDP) detects the lane marking by camera. When it detects that the vehicle is about to deviate from the lane and the driver has no intention of changing lanes, the system applies steering intervention to keep the vehicle in the lane.

This function only plays an auxiliary role and does not replace the control of the driver. When using this function, the driver should always concentrate, hold the steering wheel, be ready to make steering corrections or take over the vehicle; otherwise, it may cause personal injury or property damage.

When the camera is covered by rain, snow, mud, ice, etc., this function will not work, so the driver shall drive carefully and keep the camera area clean.

If the camera cannot detect the lane marking ahead due to road construction, waterlogging on road, pavement cracks or unclear markings, this function will not work. Please drive carefully.

This function will mis-work or not work under the circumstances of night, rain, snow, fog, shadow, etc., so the driver shall drive carefully.

When encountering the situation of increasing lanes or lane merging, this function may malfunction or not work, the driver shall drive carefully.

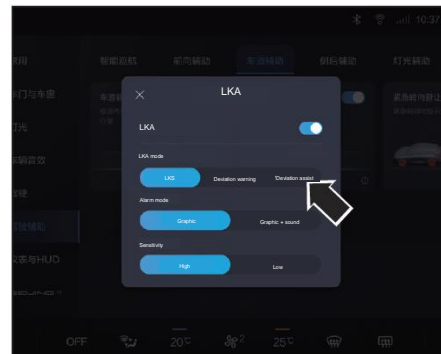
When encountering intersection, traffic jam and other complex conditions, this function may malfunction or not work, the driver shall drive carefully.


When the system fault is indicated, please contact the BAIC MOTOR franchised dealer for inspection.

When the tire pressure of the vehicle is too high or too low, but it does not reach the alarm status, the function of the RDP may be unavailable or the performance may be degraded.

When the parts related to vehicle handling are non-original or have been modified, the function of the RDP may be unavailable or the performance may be degraded.

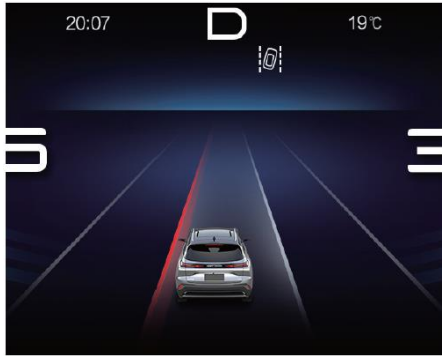
### Turning on/off RDP



The user can turn on/off the RDP function through the center control display, and select the alarm mode and alarm sensitivity. When the system is turned on, the RDP working indicator lamp  of the instrument cluster is lit.

The RDP function is activated when the vehicle is started and the RDP is on, and the vehicle speed is greater than 60 km/h.

## Display interface



Lane marking identification and system interface display status are as follows:

- When the lane marking is not recognized, the lane marking is not displayed.
- When the lane marking is identified and the vehicle is not deviated, the lane marking is white.
- When the lane marking is identified and the vehicle deviates, the lane marking is red.
- When the lane marking is identified and the steering intervention is applied, the lane marking is green.

**i** When RDP is activated, it can exit if any of the following conditions are met:

- The vehicle speed is less than 55 km/h or the vehicle speed is greater than 150 km/h.
- ABS or ESP function is activated.
- Turn off the LKA switch button.
- The lane is too wide or too narrow.

**i** When the vehicle is in backlighting, glare and other environmental conditions, the RDP may exit for a short time, or there may be false alarm, neglected alarm, and after a period of time, the system automatically recovers. So please driver carefully.

## RDP sensitivity

RDP sensitivity refers to the trigger frequency of RDP alarm. In high sensitivity, there are few conditions to suppress alarm, and in low sensitivity, there are more conditions to suppress alarm.

High sensitivity suppression condition:

- The vehicle deviates from the direction with the turn signal indicator lamp turned on.
- ESP or ABS intervention.
- Quick and continuous crossing of lane markings.
- Crossing over lane markings.
- Merging of lane markings.
- Strong braking. Inhibition conditions of low sensitivity:
- All high sensitivity suppression conditions.
- Sharp turning (excessive steering angle rate).
- Slam open the throttle.

## Driving operation

### Emergency Lane Keeping\*

When a vehicle deviates or changes lanes unconsciously, the emergency lane-keeping system (ELK) detects that there is a risk of collision between the vehicle and vehicle in the adjacent lane or the vehicle from rear direction or the edge of the road, and the system applies steering intervention to reduce the risk of collision. This function can enhance the safety of driving.

👁️ This function only plays an auxiliary role and does not replace the control of the driver.

👁️ When using this function, the driver should always concentrate, hold the steering wheel, be ready to make steering corrections or take over the vehicle; otherwise, it may cause personal injury or property damage.

👁️ When the camera or radar is covered by rain, slush, snow, etc., this function shall not work. Please drive carefully and keep the camera and radar area clean.

👁️ This function does not work when the camera cannot detect the lane marking or curb due to road construction, waterlogging on road, pavement cracks or unclear marking, etc. Please drive carefully.

👁️ When in night, rain, snow, fog, shadow, backlighting, glare, etc., this function will malfunction or not function. Please drive carefully.

👁️ When encountering the situation of increasing lanes or lane merging, this function may malfunction or not work, the driver shall drive carefully.

👁️ When encountering intersection, traffic jam and other complex conditions, this function may malfunction or not work, the driver shall drive carefully.

👁️ For motorcycle, bicycle and other small objects, the function may not work properly or even not work, so please drive carefully.

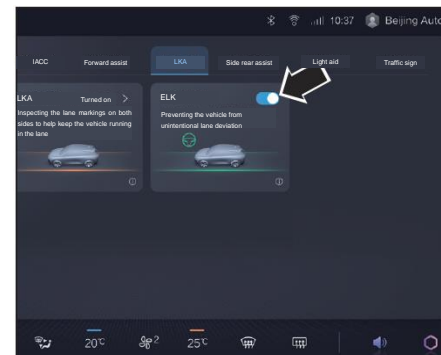
👁️ For stationary targets, the function may not work normally or not work, and the driver shall drive carefully.

👁️ When the current vehicle is too close to the lead vehicle, blocking the camera detection, the function may not work normally or not work, and the driver shall drive carefully.

👁️ When the rear vehicle is too close to your own vehicle, blocking the sensor detection, the function may not work normally or not work, the driver shall drive carefully.

👁️ When the system fault is indicated, please contact the BAIC MOTOR franchised dealer for inspection.

### Turning on/off ELK



The user can set the ELK function on/off in the center control display.




The ELK function can be activated when the vehicle is started, the ELK is on and the vehicle speed is higher than 60 km/h.

**i** The emergency lane keeping function will be inhibited if the following conditions are met. After the suppression condition disappears, the function can be restored automatically:

- The vehicle speed is less than 55 km/h or the vehicle speed is greater than 150 km/h.
- ABS or ESP function is activated.
- No relevant side curb or lane marking is detected.
- The lane is too wide or too narrow.
- Quick and continuous crossing of lane markings.
- Crossing over lane markings.
- Merging of lane markings.
- Strong braking.
- The curvature of the lane is too large.
- Driver turns the vehicle actively.

**i** If the instrument cluster indicates that the ELK function is limited and the rear corner radar

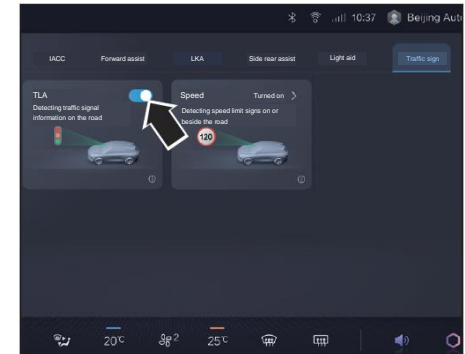
fault indicator lamp  is on, the two MMRs at the lower part of the rear bumper may be dirty. Please clean them. If the above phenomena still exist after driving, please go to the BAIC MOTOR franchised dealer for repair.

### TLA\*

TLA uses camera to detect traffic lights on the road and display them on the instrument cluster.

TLA is a driver assistance feature and cannot be applied to all driving situations. You must always observe your vehicle environment, drive carefully and follow traffic rules.

### Turning on/off TLA



The user can turn on/off the TLA function through the center control display.

TLA detection performance is affected by weather, illumination, location constraints of traffic light, etc.

TLA detection will be limited in the following cases:

- Traffic light that is completely/partially obscured or improperly placed.
- Traffic light covered by snow, ice or thick dust.
- Sign outside the view of camera.

## Driving operation

- Environments with poor visibility such as rain/snow/fog.
- Insufficient lighting at night.
- The vehicle is driving in backlighting.

**i** The above example does not fully describe all the circumstances that affect the normal operation of TLA. Many reasons may lead to the failure of TLA to send alarms or produce false alarms. Do not rely solely on TLA to drive vehicles. Instead, please drive according to actual traffic light conditions.

**i** If the instrument cluster prompts "TSR fault", which cannot be eliminated for a long time and will exist even after the vehicle is restarted, please go to the BAIC MOTOR franchised dealer for handling.

**i** Improper maintenance of the windshield may cause the position of camera to change, which may affect the function of the TLA. Therefore, maintenance must be handled by the BAIC MOTOR franchised dealer.

## Active safety of vehicle FCW\*

The FCW system detects vehicles and pedestrians by radars and cameras. When the potential risk of collision between vehicles, pedestrians or other objects is detected, audible and visual alarm will be given to remind the driver, and when the driving assistance continues to deteriorate, the system will apply a short brake, and even stop according to the emergency level of automatic braking, to avoid collision or reduce collision injury.

The FCW system includes the vehicle collision warning function and the pedestrian collision warning function.

## Turning on/off FCW



Users can turn on/off the FCW function, and set FCW sensitivity in the center control display.

## Forward collision warning system

The FCW contains early warning and emergency alarm functions.


### Early warning


During the driving process, when there is a risk of collision between the vehicle and the vehicle in front, the system will give visual and audible warning, and the instrument cluster will display prompt information, accompanied by an audible alarm. The driver should take appropriate actions in time to ensure a safe driving distance.


### Emergency alarm


After the early warning, if the driver still does not respond, the emergency alarm will be triggered and the system will apply a short brake. In some emergency situations, the early warning may be skipped and the emergency alarm will be triggered directly. When the camera fails, the emergency alarm will not be triggered.


The ego vehicle speed range of early warning and emergency alarm to stationary target is about 30-85 km/h; The vehicle speed range of the ego vehicle for the moving target is about 30-150 km/h.


 Improper modification of vehicle (such as lowering the chassis height, changing the front license plate of the vehicle, etc.) may degrade the FCW system or increase the false trigger rate.


 Improper maintenance may cause the sensor to be misaligned and affect the normal operation of the system.


 During emergency alarm, if the driver is alert (such as turning the steering wheel or emergency braking), the system does not continue to trigger the AEB.


 Due to the inherent limitations of system, FCW system may misidentify vehicles and pedestrians under some complex working conditions, causing unnecessary alarm and braking intervention. Please drive carefully.

 FCW is an auxiliary function for the driver, so don't take advantage of the extra convenience offered by the FCW to venture on driving. This function is not a substitute for the driver's attention to traffic conditions. If the FCW function issues an alarm, the driver must apply timely brake to reduce the vehicle speed or avoid obstacle by steering according to traffic conditions.

 The FCW system cannot guarantee that collisions will be avoided under all circumstances, and the driver must maintain control of the vehicle at all times and have full responsibility for the vehicle.


 The FCW works in the background, which cannot be detected by the driver. It will not be displayed to the driver if the vehicle ahead is detected by the system.


 Heavy rain, fog, snow or sludge may weaken the performance of radar sensor and camera. Please keep the radar sensor and camera clean to avoid affecting the normal operation.


 If the camera is blocked by bird droppings, dirt, ice, insects, etc., the warning and auxiliary brake system may not work. It is therefore strictly forbidden to carry out windshield repairs in the vicinity of the camera (at the position of the interior rearview mirror). Cracks on the windshield also affect the effect of the camera, and the entire front windshield must be replaced.


## Driving operation

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 Drivers always have the responsibility to take timely and effective braking measure.


 When parking distance control is affected by the environment such as electric field interference, underground parking lot, tunnel, bridge, track, construction area, gate with width and height limits, etc., the detection will be disturbed, FCW performance will decrease or the false trigger rate will increase.


 The FCW performance will be greatly limited for targets that cut into the lane, targets that are detected only after the ego vehicle changes lanes, and targets in sharp turns.

 The FCW is only a driver assistance function, and the risk that the pedestrians cannot be identified due to the objective conditions cannot be detected:


- Special targets such as non-moving pedestrians.
- Pedestrians covered, or pedestrians with no strong contrast with the environmental background, or pedestrians in rain, snow, fog or low illumination environment.

- Pedestrians carry large items or wear clothing that makes the outline unclear.

 When loading goods, do not make the carriage exceed the laden mass and the allowable load of the front and rear axles; otherwise, the vehicle may be damaged or casualties may be caused.

 About pedestrians:

- When system detects the pedestrians, the following exact information is required: the pedestrian's head, arms, shoulders, legs, upper and lower body, and the pedestrian's normal movement. The body contours must be clearly visible and contrast with the background.

 The FCW system may not work under the following conditions:

- The FCW system is turned off or fails.
- The driver brakes heavily.
- The system considers that the danger of collision has been removed.
- The vehicle is unstable.

- Initialization of system.
- Instrument cluster failure.
- The vehicle is not shifted into the forward gear.
- The vehicle speed is outside the working speed.
- Driver does not wear the seat belt.
- Driver turns the vehicle actively.
- The driver depresses the accelerator pedal sharply.
- Powertrain is shut down.
- Failure in manual turn-off of ESP or ESP.
- Radar sensor or front camera is dirty or covered.
- Driving in snowy or rainstorm days
- Narrow vehicles (e.g. motorcycle) moving ahead.
- There are vehicles on the left and right sides.
- Driving in a place with strong reflection of the radar signal (e.g. in a multi-story parking lot).

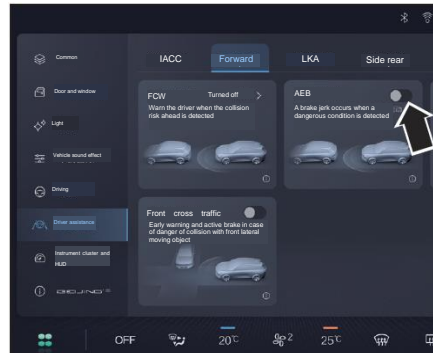
- In case of cross-driving vehicle.
- There is a stationary obstacle ahead (e.g., a broken vehicle).
- There is an oncoming vehicle ahead.
- All brake signal lights fail, etc.

**i** The FCW system must be used in the following cases:

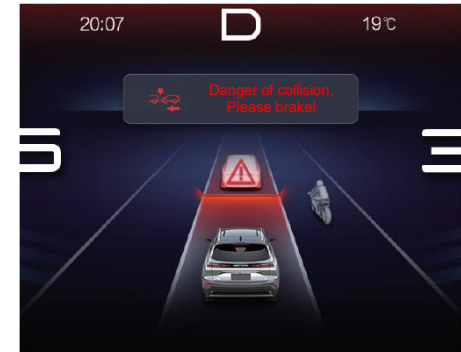
- The vehicle is being towed.
- The vehicle is on the dynamometer test bench.
- The radar sensor or front camera is faulty.
- An external force (e. g., a rear-end collision) acts on the radar sensor.

### AEB system\*

#### Turning on/off AEB



The user can set the AEB function on/off in the center control display.



When there is a detected danger of collision with the front vehicle or pedestrian in an extremely urgent case, if the driver has taken measures but the braking force is insufficient, the brake system shall provide the rest braking force to achieve the best target, so as to avoid or mitigate the injury caused by the collision. If the driver fails to take the braking measure, the system will apply braking force automatically within its capabilities to avoid or mitigate injuries caused by the collision.

The working speed of the AEB system is about 4~85 km/h for vehicle targets and 4~64 km/h for pedestrian and two-wheeler targets.

## Driving operation

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⚠ Improper modification of vehicle (such as lowering the chassis height, changing the front license plate of the vehicle, etc.) may reduce the AEB system performance or increase false trigger rate.

⚠ Improper maintenance may cause the sensor to be misaligned and affect the normal operation of the system.

⚠ During emergency alarm, if the driver is alert (such as turning the steering wheel or emergency braking), the system does not continue to trigger the AEB.

⚠ Due to the inherent limitations, the AEB system may misidentify vehicles and pedestrians under some complex conditions, causing unnecessary alarm and braking, so the driver are advised to drive carefully.

⚠ AEB is an auxiliary function to the driver, so don't take advantage of the extra convenience offered by the AEB system to risk driving. This function is not a substitute for the driver's attention to traffic conditions. If the AEB function gives an alarm, the driver must apply brake in time according to traffic conditions to reduce the vehicle speed or avoid obstacles by steering.

⚠ When the ESP function is enabled or the malfunction lamp is on, the AEB function will be disabled.

⚠ AEB cannot guarantee that a collision will be avoided under all circumstances, and the driver must remain in control and fully responsible for the vehicle at all times.

⚠ If the AEB works in the background, it will not be undetected by the driver, and not displayed to the driver if the vehicle ahead is detected by the system.

⚠ Heavy rain, fog, snow or sludge may weaken the performance of radar sensor and camera. Please keep the radar sensor and camera clean to avoid affecting the normal operation.

⚠ When the AEB brakes, if the driver steps on the brake pedal, obviously applies the throttle or turns the steering wheel in an emergency, the braking of the AEB will be inhibited and exited.


⚠ If the camera is blocked by bird droppings, dirt, ice, insects, etc., the warning and auxiliary brake system may not work. It is therefore strictly forbidden to carry out windshield repairs in the vicinity of the camera (at the position of the interior rearview mirror). Cracks on the windshield also affect the effect of the camera, and the entire front windshield must be replaced.

⚠ Drivers always have the responsibility to take timely and effective braking measure.


⚠ When the parking distance control is affected by the environment (such as electric field interference, underground parking lot, tunnel, railway bridge, railway track, construction area, margin high door, etc.), the detection will be interfered, and the performance of the early warning auxiliary brake system will decline or the false trigger rate will increase.

⚠ If the AEB system actively brakes to completely avoid collision. After stopping for about 1.5 seconds, the system will release and the driver will take over the control.

⚠ The AEB performance will be greatly limited for cut-in object, object detected after vehicle changes the lane and object in the sharp turn.


 AEB is only a driver assistance function. There is a risk that pedestrians cannot be identified due to objective conditions, and it cannot detect:

- Special targets such as non-moving pedestrians.
- Pedestrians covered, or pedestrians with no strong contrast with the environmental background, or pedestrians in rain, snow, fog or low illumination environment.
- Pedestrians carry large items or wear clothing that makes the outline unclear.

 When loading goods, do not make the carriage exceed the laden mass and the allowable load of the front and rear axles; otherwise, the vehicle may be damaged or casualties may be caused.


 About pedestrians:

- When system detects the pedestrians, the following exact information is required: the pedestrian's head, arms, shoulders, legs, upper and lower body, and the pedestrian's normal movement. The body contours must be clearly visible and contrast with the background.

 The AEB system may not work in the following cases:

- The AEB system is turned off or the system fails.
- The driver brakes heavily.
- The system considers that the danger of collision has been removed.
- The vehicle is unstable.
- Initialization of system.
- Instrument cluster failure.
- The vehicle is not shifted into the forward gear.
- The vehicle speed is outside the working speed.
- Driver does not wear the seat belt.
- Driver turns the vehicle actively.
- The driver depresses the accelerator pedal sharply.
- Powertrain is shut down.
- Failure in manual turn-off of ESP or ESP.
- Radar sensor or front camera is dirty or covered.

- Driving in snowy or rainstorm days
- Narrow vehicles (e.g. motorcycle) moving ahead.
- There are vehicles on the left and right sides.
- Driving in a place with strong reflection of the radar signal (e.g. in a multi-story parking lot).
- In case of cross-driving vehicle.
- There is a stationary obstacle ahead (e.g., a broken vehicle).
- There is an oncoming vehicle ahead.
- All brake signal lights fail, etc.

 The AEB system must be turned off in the following cases:

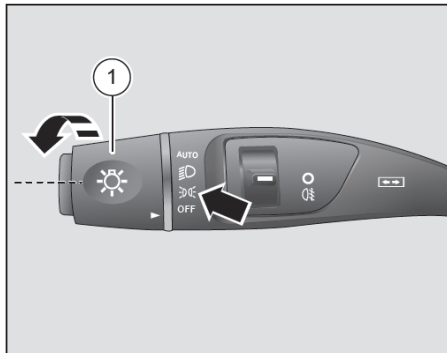
- The vehicle is being towed.
- The vehicle is on the dynamometer test bench.
- The radar sensor or front camera is faulty.
- An external force (e. g., a rear-end collision) acts on the radar sensor.



## Driving operation

### Driving at night

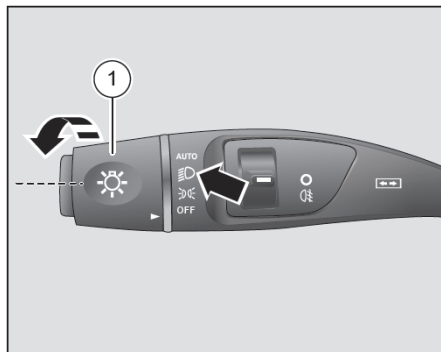
#### Exterior lamp



#### Position lamp



Turn the light control knob ①. When the mark  on the light control knob is aligned with the  position, the front and rear position lamps, rear license plate lamp, key backlight and position lamp indicator on the instrument cluster come on, and go out when the knob is turned back to the OFF position.

#### Low beam



When the start/stop button is in "RUN" mode, turn the light control knob so that the mark  on the light control knob ① is aligned, the headlamp will  light up, and turn it back to the OFF position to turn it off.

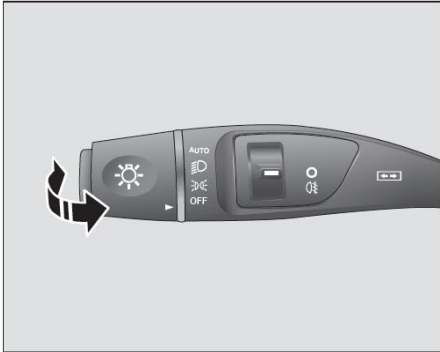
#### High beam



When the low beam lights up, push the light control lever forward to turn on the high beam, and pull the light control lever back again to turn off the high beam.

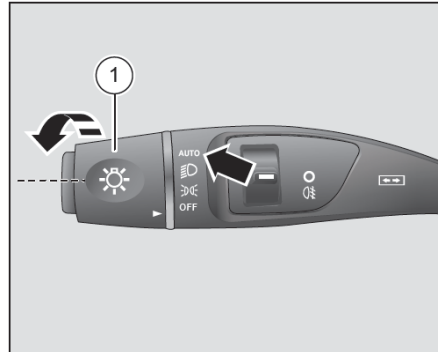



## High beam warning



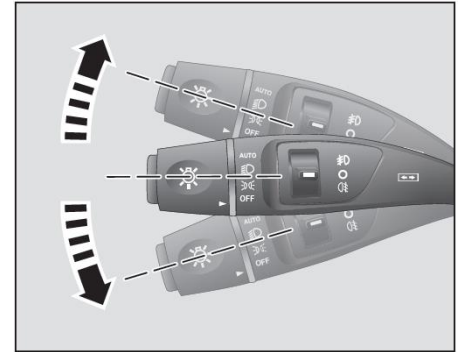
Pull back the light control lever and the high beam will light up. When released, the light control lever will spring back automatically and the high beam will go out to warn the vehicles and pedestrians in front

## The headlamp comes on in an automatic way.



When the start/stop button is in "RUN" mode, turn the light control knob ① to align the mark  on the light control knob **AUTO**, the headlights will be automatic when the outside light is dark (such as at night or driving through the tunnel, etc.), and turn the light control knob to OFF.

## Turn signal lamp

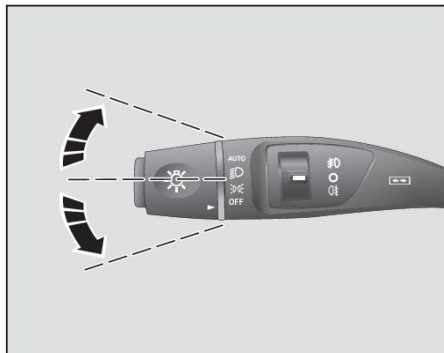


Pull the light control lever down or up thoroughly, the corresponding turn signal lamp flashes, accompanied by a ticking prompt sound.


When the steering is finished, the control lever will be automatically returned to the correct position with the steering wheel, and the turn signal lamp will go out.

## Driving operation

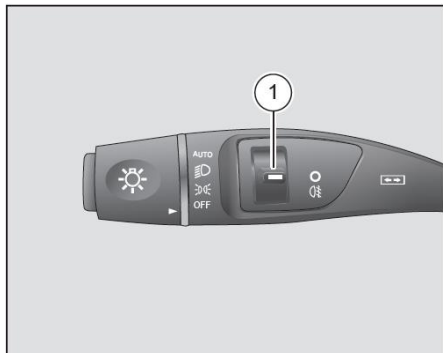
### Lane change flashing signal






Toggle the light control lever downward or upward gently, then release the control lever, it automatically return, and the corresponding turn signal lamp flashes 3 times, accompanied by a ticking prompt.

 When the steering or lane change is completed, please confirm that the light control lever has returned; otherwise it should be returned manually.

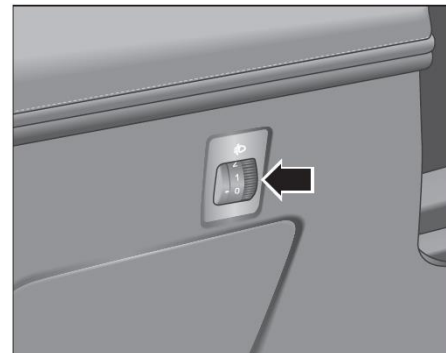
### Rear fog lamp control



When the start/stop button is in the "RUN" mode and the light control knob is in the  position or  position, the rear fog lamp will come on if its control lever ① is moved downward. Pull down the fog lamp control lever ① again to turn off the rear fog lamp.

 The fog lamp should be turned on only in rainy, foggy, snowy, or poor visibility.

### Manual headlamp leveling



The illumination angle of the low beam is affected by the weight distribution of passengers and luggage inside the vehicle. By adjusting the height of the headlamp to ensure the illumination angle of the low beam on the road, it can provide sufficient illumination in front of the vehicle without causing dizziness to other road users.

Toggle the ALS switch to realize headlamp leveling.

### Automatic lighting function

When the light switch is in AUTO gear, the vehicle will light up according to the surroundings when the remote unlocks the vehicle or looks for the vehicle.

### Emergency braking signal

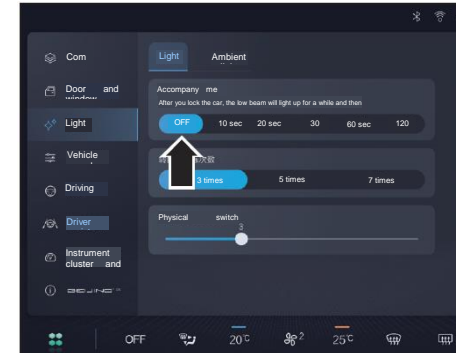
The brake lamp flashes when the vehicle speed exceeds 50 km/h and emergency braking occurs.

When the vehicle speed exceeds 70 km/h, the emergency braking occurs and the emergency braking lasts until the vehicle speed drops below 10 km/h for  $\geq 1$  s, the hazard alarm will automatically be activated. After that, when the vehicle speed rises above 20 km/h and remains for not less than 5 seconds, and the hazard warning lamp will go out automatically. The hazard warning lamp can also be turned off manually by operating the hazard warning lamp switch.

### Alarm for lights on in a car in motion

When the Start/Stop button is in "OFF" mode, the light switch is in the position lamp or low beam position and the vehicle position lamp is on, the instrument cluster will send out the alarm that lamps are not turned off if the driver door is opened.

### Accompany me home.



The Follow-me-home can provide time delay lighting for users. Through the center control display, you can choose the Follow-me-home on/off and delay time.

Turn the start/stop button from the "RUN" position to the "OFF" position, within 1 min, lift the light control lever to the steering wheel plane, then the Follow-me-home is enabled, and the low beam will be on for a while and then go out.

## Driving operation

**i** It can set the follow-me-home on/off and lighting time through the center control display.

**i** After the follow-me-home is activated, it can be reactivated by remote locking within 5 minutes.

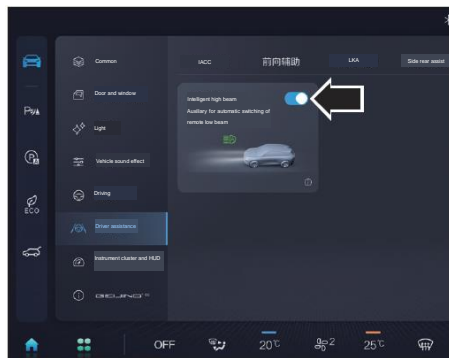
### Follow-me-home

When the light switch is in AUTO and the start/stop button is switched from "RUN" to "OFF" mode, the vehicle will light up the lamp according to the surroundings when the driver's door is opened within 1 min.


### IHA\*

The IHA judges the current driving situation through the camera, and controls the automatic switch between low beam and high beam when the vehicle lighting is on. The system can identify whether there are other vehicle in the opposite direction and in the same direction, and switch between low beam and high beam modes as appropriate.

### Turn on/off the intelligent high beam function





The intelligent high beam function can be turned on/off through the center control display.

After the function is turned on, when the light handle is turned to AUTO position and the low beam is on, the vehicle speed is greater than 40 km/h, and the headlamp can be switched between low beam and high beam automatic according to the system. The auxiliary indicator lamp  of the intelligent high beam is on (when the vehicle speed is lower than 20 km/h, the system automatically switches the low beam).


When this function is enabled, the driver can also manually switch high beam and low beam.


### Automatic enabling and release of high beam


When the camera detects that there is no vehicle and no street lamp in front, this function will automatically start the high beam, and the working indicator  of the instrument cluster high beam will light up.


When the camera detects there is a vehicle ahead or the ambient illumination becomes bright, the function automatically dismisses the high beam and the high beam work indicator lamp  of the instrument cluster goes out.


When the camera detects that the vehicle in front of it has disappeared, the high beam is restored.


 IHA is an auxiliary function and cannot be guaranteed for all driving conditions. Driver must maintain control of the vehicle and drive carefully.

 When the camera is stained, obscured, or malfunctioned, the HMA will become unusable or degraded.

 Light transitions are suppressed when the vehicle is in a highly dynamic state, such as when ABS or ESP is active.

 When the driver turns on the fog lamp, turn signal lamp, or makes a sharp turning, the light transition is suppressed.

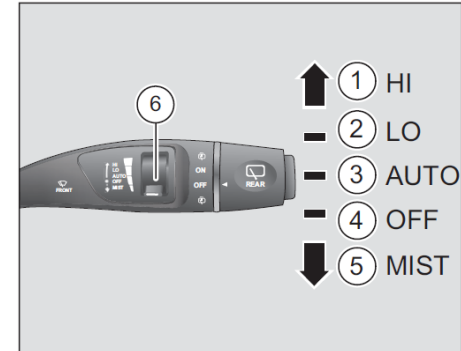
 The use of non-BAIC MOTOR original windshields will adversely affect the IHA.

 The IHA system has limitations in identifying the road environment through the camera. The driver shall manually adjust the vehicle lighting according to the current lighting, visibility and traffic conditions in the following situations:

- Driving in fog or heavy rain.
- Driving in snowy weather or on muddy roads.
- Driving in freezing and rainy weather; Driving in a dimly lit street.
- There are pedestrians on the driving road or adjacent road.
- There are reflective objects such as signboards near the road.
- The lamps of oncoming vehicle are blocked by fences, shrubs, partitions, etc.
- Drive on the top of the mountain or on the road with potholes.
- In sharp turn, if the oncoming light is blocked (such as the partition strip).

## Driving in rainy days

### Front wiper



- ① HI: high-speed wiping
- ② LO: low-speed wiping
- ③ AUTO: automatic wiping

When it is in this position, the sensitivity of the automatic light sensor can be changed by moving the sensitivity adjustment lever of automatic wiper, and the wiper can adjust the wiping frequency according to the rainfall.

- ④ OFF: stop

## Driving operation

### ⑤ MIST: single wiping

Pull the wiper control lever upward to the MIST position, release the automatic to return to the original position, front wiper wipe once; Pull the wiper control lever up to the MIST position and keep it. The front wiper brush until the hand is released.

### ⑥ Automatic wiper sensitivity adjustment lever

**i** When the system senses rainfall, the keyless start/stop button is at "RUN" and the wiper switch is at "AUTO" position, that is, windshield wiper will be automatically turned on and the speed of wiper will be changed according to rainfall.

**i** When the wiper control lever is at "LO" (low-speed wiping) or "HI" (high-speed wiping) position, the front wiper will wipe at the set speed, and the automatic sensing function will not work.

**e** If wiping is carried out at low temperatures condition, please ensure that the wiper blade is not frozen on the windshield.

**e** Under extreme working conditions, when driving on the expressway in rainy days, the acceleration of adjacent lane will cause splashing or large mist, it is recommended that the driver manually switch the wiper control lever to "HI" (high-speed wiper) position in order to ensure driving safely.

**e** In winter, snow and ice on the wiper arm and wiper blade should be swept away in a timely manner, including the area involved when the wiper is working.

**e** When washing a car with an automatic OBU, do not place the wiper control lever in the "AUTO" position; otherwise the wiper may be damaged. The wiper should be turned off when it is not required to use system.

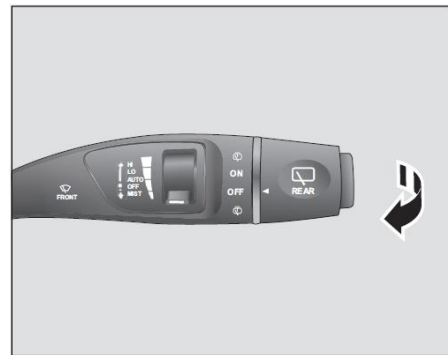
**i** The wiper and washer will only work when the Start/Stop button is in "RUN" mode. If during the wiper operation, the Start/Stop button is not in the "RUN" mode, the wiper will stop the operation immediately. It will return to the initial position, until the next time in the "RUN" mode.

**e** When the windshield is dry, it shall be sprayed first, and then scraped, and dry scraping without water is prohibited.

## Rain/light sensor

Rain/light sensor is located on the front windshield near the interior rearview mirror. If the sensor is covered by mud, oil, dust, etc., the wiper "AUTO" gear, the headlight auto-illumination function and the sunroof may not work normally. If strong light, infrared light, objects, etc. appear above the rainfall/light sensor, a wiper start may occur.

## Front washer

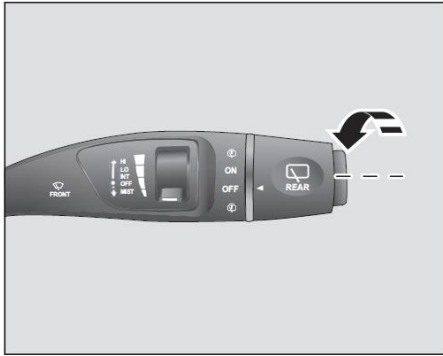


When the start/stop button is in "RUN" mode, pull the wiper control lever backwards, the washer motor starts to work and the front windshield nozzle sprays water.

Release it to stop spraying. The front wiper continues to wipe several times and then stops automatically.

**i** The washer sprays water for up to 12 seconds, and then automatically stops working.

### Rear wiper

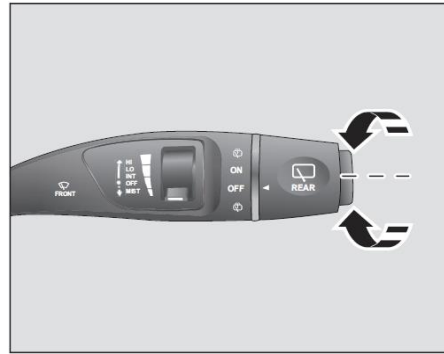




Rear wiper knob switch:



When the rear wiper knob is turned upward to switch to the "ON" position, the rear wiper is turned on and wiping is carried out at a certain frequency. Turn to "OFF" position and stop.

When the front wiper is working, set the gearshift lever to the "R" for more than 1 second, and the rear wiper will be turned on automatically.

**i** When the trunk lid is opened, the rear wiper will stop working.



When the rear wiper is in operation, turn the rear wiper control knob upward to align the mark  on the knob , and then the rear windshield washer nozzle sprays water. When released, the wiper control knob automatically returns back to the rear wiper opening position and the washer stops spraying water.

When the rear wiper is off, rotate the rear wiper control knob downward to align the mark  on the knob with the  position, and the rear windshield washer nozzle sprays water. After releasing, the wiper control knob will automatically return to the **OFF** position, the washer will stop spraying water, and the rear wiper will continue to wipe for several times and then stop automatically.


**i** When the trunk lid is open, the rear wiper will not work. Execute the current action of the rear wiper 5 seconds after closing the trunk lid.

### Driving in the rain


When it rains, the visibility is reduced, the window is foggy and the road is slippery, so please drive carefully.


- Heavy rain will make the sight worse. You can turn on the headlamp, fog lamp and hazard warning lamp when driving.
- Water on the brake will affect the braking efficiency, so it is necessary to increase the distance and reduce the vehicle speed when driving in rainy days.
- Do not drive at high speed on the road when it is raining, because the higher the vehicle speed, the easier it is to form water slip between the tire and the road.


## Driving operation


 When driving on slippery surfaces, emergency braking, abrupt acceleration and sharp turning can all cause the tires to skid, reducing the vehicle's handling and resulting in an accident.

### Fording drive

 Please be aware of water waves aroused by vehicles ahead or oncoming vehicles, which may cause the maximum allowable water depth to be exceeded. Once the water reaches the underbody, do not forcibly wade into the water.

 Do not open any door while wading. Otherwise, water may enter the vehicle and damage the vehicle electronic system and equipment inside.

 Under no circumstances should you accelerate before entering a waterlogged section. The eddy currents created by acceleration may make water enter the vehicle and damage the engine and other assembly.


 When wading, do not force the engine to start again after the engine has been switched off, as the engine may have inhaled some water and starting the engine again will cause irreversible damage to the engine.


If you need to drive through the road section with accumulated water, please pay attention to the following precautions:


- Before wading, correctly estimate or find out the wading depth and characteristics of the ponding area. Do not force wading in the ponding area with unknown conditions.
- Switch to low gear and avoid high-speed engine operation.
- Choose a flat place and drive smoothly and slowly across the ponding road at a walking speed.
- When driving through water, do not stop the vehicle, and do not let the engine shut down.
- After wading through the water, depress the brake pedal a few times to dry the brakes so that the braking force can be restored.
- After wading, the mud on the tread should be removed in time.
- Brine is corrosive, so parts of a vehicle that have been soaked in brine must be rinsed with clean water.


## Driving in winter


### Driving essentials in winter


 When deicing the rear window, be careful not to damage the seal and plastics on the rear window.

 Be very careful when driving on the slippery road surface. Avoid abrupt acceleration, sharp turning and emergency braking. Do not use cruise control.


 When winter comes, please go to the BAIC MOTOR franchised dealer for vehicle winter maintenance.

 If you try to increase the braking effect of the engine by downshift on the slippery road surface, the engine may lose grip, increasing the risk of skidding and accidents.

 If the engine or auxiliary heater system is running, make sure that the area around the exhaust pipe and vehicle is free of snow and ice. To ensure adequate supply of fresh air in the vehicle.

 If the exhaust pipe is blocked or poorly ventilated, toxic gases such as carbon monoxide (CO) may enter the vehicle. Especially when the vehicle is trapped in snow, there is a risk of fatal injury.



 At the ambient temperature of -20 °C and below, do not start the engine without setting the gearshift lever to the non-P position; otherwise the instrument cluster will prompt "Please start the engine."

#### Preparations before winter:

1. The oil/fluid suitable for low temperature needs to be changed in advance:
  - Select the oil suitable for low temperature viscosity;
  - Select the coolant suitable for low temperature environment;
  - Use antifreeze washer fluid suitable for low temperature environment.
2. Check the tire to ensure that the tire has enough pattern depth;
3. If necessary, purchase a set of Anti-skid tire chains that can match the front wheels;
4. Ensure that the battery performs well;
5. Depending on the destination, it is recommended to carry some necessary emergency supplies: snow and ice scrapers, flashing lights, shovels, jumper cable, inflators, etc.

#### Before driving:

1. Do not open the frozen window or move the frozen windshield wiper forcibly, shall use warm water to melt the frozen part and wipe the water immediately to prevent freezing;
2. Remove the ice and snow under the fender.

#### When driving:

If the engine is kept cold for a long time (e. g. the whole night), the vehicle may start to lag when the gearshift lever is set to D position after starting. This phenomenon is only obvious after the vehicle cold start, and will disappear after the vehicle driving.

Do not step on the accelerator pedal during the start lag. If you step on the throttle sharply, you may damage the transmission.

Start the vehicle stably and drive at an appropriate speed according to the road conditions.

#### When parking:

When parking on a flat ground, the set the gearshift lever to "P" gear, such as blocking the wheel with stones, etc. be sure to apply parking brake.




When parking on a steep slope, parking brake must be applied.


#### Tire chain


Do not install tire chain that is not approved by the BAIC MOTOR. Improper snow tire chain will damage the vehicle tires, rim, brake and body. Please pay attention to the following requirements when using:

- The tire chain can only be installed on the driving wheel (front wheel);
- Please observe the tire chain installation instructions and vehicle speed restrictions for different road conditions;
- To avoid tire damage and excessive wear of tire chain, be sure to remove the tire chain when driving on snowless road.

### Winter tire

 Winter tires can greatly improve the handling stability of vehicles when driving on the snowy and icy road. It is recommended to change the winter tire when the temperature is lower than -7 °C.

 If the maximum allowable speed of winter tires installed is lower than the maximum vehicle speed of the vehicle, corresponding warning labels must be posted within the sight of the driver.

 The vehicle speed must not exceed the maximum allowable vehicle speed of the installed winter tire. If the vehicle speed exceeds the maximum allowable vehicle speed of the winter tire, the tire may suddenly lose pressure, shell, and even burst, so as to cause an accident.

It is recommended to use winter tires of the same size as the original wheel tires, and all four wheels must be replaced.

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 winter tire when driving on snow-free roads.

### Driving on special road


#### Long uphill driving

When driving on a long uphill section, please reduce the pressure on the accelerator pedal slightly before reaching the top of the slope, and use the inertia of the vehicle to drive over the top of the slope. Reducing the stress on the accelerator pedal in advance can avoid accidents caused by vehicle evacuating.

#### Long downhill driving

Slow down and downshift when driving down a long steep slope. If the brake is overused, it will overheat and not work properly.

Holding on to the brake pedal for extended periods of time (even though the pressure applied on the brake pedal is lightly), can cause the brake to overheat, wear out faster, or even fail.

 Do not rely on the vehicle inertia to slide in neutral gear or with the power system off, so as to avoid accidents due to the lack of brake booster and steering power.

### Driving points

#### Regulation of running-in period

In order to improve the service life of the vehicle, the new vehicle should be run-in at the initial stage of use before it can be used normally. The following are the provisions of the running-in period:

- Running-in period mileage: 2500 km.
- Choose a better road and drive with light load.
- The vehicle speed should not exceed 80% of the maximum vehicle speed.
- Do not step on the accelerator pedal to the bottom for abrupt acceleration driving.
- Avoid emergency braking in the first 500 km.
- Do not run the engine at a fixed speed for a long time during the running-in period.
- Strictly follow the operating procedures and keep the engine in normal working condition. Do the daily maintenance of the vehicle carefully, check frequently, pay attention to the change of the sound and temperature of each assembly in operation.

### Running-in of engine

After the engine is run in as required, it can not only prolong the service life, but also reduce the fuel consumption. The new engine or the overhauled engine must go through running-in before normal use, and must comply with the following regulations in the running-in period:

- Avoid high-speed operation of the engine and do not exceed 80% of the maximum speed.
- Do not tow other vehicles.

At 1000-2500 km, the engine speed and vehicle speed can be gradually increased to the maximum allowable range.


In the initial stage of running-in, the internal friction resistance of the engine is much larger than after running-in, and the oil consumption may be higher than normal, so the engine oil shall be checked regularly.


All the moving parts of the engine can achieve the best fit after running-in.


### Running-in Tire and Brake Pad


In the first 500km, the vehicle should be driven at a moderate speed to run in the new tire.

In the first 500km, the new brake pad and the brake disc cannot reach the best friction, should avoid emergency braking, keep enough safety braking distance.

 If the engine machine or other transmission system parts of the vehicle are replaced, the running-in precautions should also be observed.

 New tire and brake pad that have not been run-in do not achieve the best adhesion and friction, so you must drive carefully in the first 500 km to avoid accidents.

 The new brake pad after replacement must also be run in according to the above requirements.

 Keep a proper distance from other vehicles when driving to beware of situations requiring emergency braking. At this time, the tires and brake pads have not been run in, and the adhesion and friction are insufficient, which is easy to cause traffic accidents.

### Essentials of brake

Never use the brake pedal as a footrest. If you rest your feet on the brake pedal while driving, the brake system may overheat. This will increase the braking distance and may even cause the brake system to malfunction, posing a risk of accidents.

Do not press the brake pedal and accelerator pedal at the same time when driving.

Continuously pressing the brake pedal can cause excessive and premature wear of the brake pad.

### Fuel-efficient driving

- Maintain the correct tire pressure. Insufficient tire pressure may cause tire wear and waste fuel.
- The wheel alignment should be accurate; otherwise it will cause the tire to be worn out too quickly, and will also increase the engine load and waste fuel.
- Do not put unnecessary items in the car. Excessive load will increase the engine load, resulting in increased fuel consumption.

## Driving operation

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- Slow and steady acceleration to avoid a rapid start. According to the driving speed, choose the appropriate gear, avoid driving at high-speed with low gear.
- Do not put your feet on the brake pedal; otherwise it will cause premature wear, overheating and fuel waste of the brake pad.
- Be sure to drive at a low speed in side gusts so that vehicle can be controlled easily.
- Avoid collision to the curb during the vehicle. Reduce your vehicle speed when driving on uneven roads.
- Run the engine slowly for a few minutes after cold start, and wait for the engine to warm up before acceleration. Normally, it is not necessary to run the engine in situ to warm up.
- Do not drive the window when driving at a high speed.
- Reasonably use the A/C, but also reduce the use of high-power audio and other high-power electrical equipment.
- When parking for a long time, turn off the engine to avoid prolonged engine idling.
- Avoid congested or congested areas as much as possible, and avoid continuous acceleration and brake. Stop-and-go driving is a waste of fuel. Avoid unnecessary parking and brake, and maintain a smooth vehicle speed. Drive with traffic lights to reduce the number of stops. Try to choose the road without traffic light to drive. Keep a proper distance from other vehicle to avoid emergency braking when driving, which will also reduce the wear of the brake.
- Avoid the vehicle chassis with dirt, such as dirt, which can not only reduce the weight of the vehicle, but also prevent corrosion. Maintain the vehicle and keep it in good working order. Dirty air cleaner, improper valve clearance, dirty spark plugs, dirty oil and grease all degrade the engine and waste fuel. To prolong the service life of all parts and components and reduce operating costs, regular maintenance must be carried out. If you often drive in bad conditions, you should shorten the maintenance mileage and cycle.
- The brake may be soaked when cleaning vehicles or driving on deep water roads. When driving, we should drive at low speed, to ensure the safety of the brake pedal several times gently, so that the brake is quickly dry. Drive the vehicle carefully. If the brake still does not work safely, stop the vehicle while ensuring safety and contact the BAIC MOTOR franchised dealer for help.




Before driving, make sure that the parking brake has been released.



Be careful when driving in acceleration, upshift, downshift or brake and on a smooth road. Sudden acceleration or brake with the engine machine may cause the vehicle to slip or the wheel to idle.



Do not put your feet on the brake pedal when driving; otherwise it will cause overheating of the brake pad, unnecessary wear and tear and waste of fuel.

 Try to avoid the water depth of the road surface when driving, to avoid the brakes from getting wet.

### Fuel filler flap

#### Fuel filler flap open



With the vehicle fully unlocked, press the rear of the fuel filler flap to open it.

### Refueling




To fill the fuel, slowly unscrew the filler cap counterclockwise, and pause the filler cap at the filler to release the internal filler cap before fully unscrewing it, then remove the filler cap and place it in the clip.


After filling, turn the filler cap clockwise until a "click" sound is heard, indicating that the filler cap is fully tightened.


After tightening the filler cap, close the fuel filler flap.

In order to ensure the vehicle performance, the unleaded petrol (92# and above) in accordance with this vehicle must be used.


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


Before fully opening the filler cap, unscrew the filler cap first to release the internal fuel. Otherwise, the fuel vapor will be ejected from the fuel filler and cause personal injury.


 This vehicle is equipped with catalytic converter. Fill fuel before the fuel warning light comes on. Do not run out of fuel. When the oil level is too low, irregular fuel supply can cause the engine to misfire, causing unburned fuel to enter the exhaust unit and overheat and damage the catalytic converter. If the oil level is too low, it is not conducive to lubricating the fuel pump.


 While refueling, as long as the oil gun stops automatically, it indicates that the tank is "full". Do not continue to force refueling; otherwise the expansion space in the tank will be filled by the fuel, and the fuel may overflow when heated.

## Driving operation

 Do not fill the vehicle with diesel. If diesel is added by mistake, do not start the engine. Contact the authorized dealer of BAIC MOTOR franchised to thoroughly clean the fuel system.

 Gasoline should be added at the regular gas station, the use of substandard gasoline will shorten the service life of the engine and even damage the engine.

 This vehicle equipped with catalytic converter is only allowed for unleaded petrol, as long as filling the leaded gasoline once, the catalytic converter will be damaged.


 The fuel vapor is easy to burn and cause fire. When filling fuel, shut down the engine. Do not smoke, use mobile phone and create other sparks or open flames.


## EPS


### Introduction to electric power steering system

The electric power steering system (EPS) can provide steering assistance under various road conditions according to different vehicle speed and steering wheel torque during vehicle steering, reducing the disturbance to the steering system caused by uneven road. It can not only reduce the steering control force at low speed, but also greatly improve the handling stability at high speed.

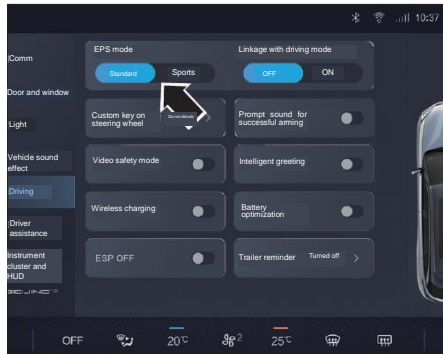
When parking or driving at very low speed, if the steering wheel is operated continuously for many times, the EPS system will reduce the steering power to prevent the system from overheating, and it becomes more difficult to operate the steering wheel. If you continue to do this, the electric power steering system will enter the overheat protection mode, the electric power will be reduced, and the hand power will gradually increase, but the fault warning lamp of the electric power steering system will not light up. The steering should be stopped until the temperature decreases and the boost will resume automatically.

When the engine is running, the fault warning lamp  of electric power steering system will be always on, indicating that the electric power steering system is not working properly. Please contact the BAIC MOTOR franchised dealer for inspection of electric power steering system.

 When the steering system is faulty, please contact the BAIC MOTOR franchised dealer immediately for inspection and repair. Even if you don't feel anything unusual during the steering, the system may have serious problems causing steering malfunctions, etc.


 After replacing the steering column and steering or re-doing the vehicle four-wheel alignment, the EPS vehicle should be calibrated centrally; otherwise the vehicle will be off-tracked and the return function will fail.

## Boost mode setting




The electric power steering mode can be set to follow the linkage driving mode. When it is turned on, the driver can make the steering mode automatically switch correspondingly by switching the driving mode:

- When the vehicle is in ECO and COMFORT modes, the steering mode will automatically switch to the standard mode.
- When the vehicle is in SPORT mode, the steering mode automatically switches to sports mode.

 When the driving mode is activated in linkage, the setting button of electronic power steering mode cannot be operated manually.

This model is equipped with two steering power-assisted modes, driver can choose the power-assisted mode according to their own needs. Electronic power assist steering mode can be selected through center control display.

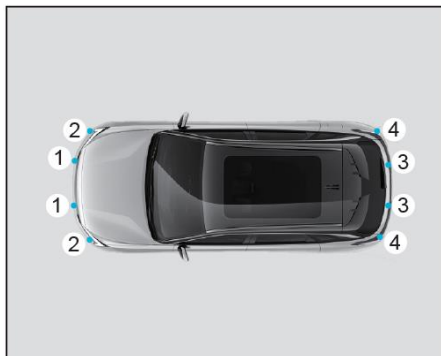
 To set the steering boost mode, the following conditions shall be met:

- Linkage with the driving mode is in the state of turning off.
- Keep your hands off the steering wheel.
- Vehicle speed  $\leq 15$  km/h.

### UPA\*

#### Brief introduction of UPA

The UPA system is a safety aid used when the vehicle is parking or reversing. It uses ultrasonic wave to detect the approximate distance between the vehicle and the obstacle, displays it through a center control display, and notifies the driver (via an intermittent audible signal). The UPA system is only an auxiliary tool and is not a substitute for your observance of surroundings. You are still responsible for safe driving and parking. Please ensure that no person, animal or other object is within the range of moving and parking.



- ① Front middle sensor\*
- ② Front corner sensor\*
- ③ Rear middle sensor
- ④ Rear corner sensor

### Use of UPA

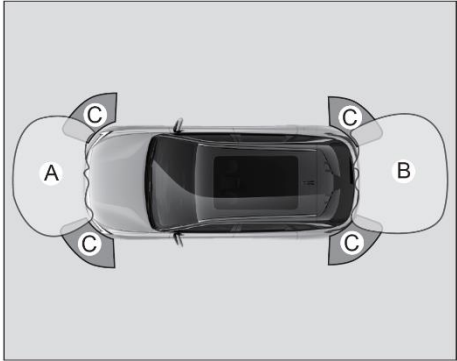


When the Startup / Stop button is in "RUN" mode, the UPA is turned on by default and the UPA switch indicator lamp is on. The vehicle speed range of the UPA function is 0~15 km/h.

Press the UPA system switch, the UPA system will be turned off and the switch indicator lamp will go out; Press the UPA system switch again, and the system will be turned on again.



Detection range of the sensor



A	About 90 cm
B	About 150 cm
C	About 30 cm

The maximum detection distance of the sensor varies according to the size of the obstacle. For small obstacles (such as rods, traffic signs), the detection distance may be less than the maximum distance in the table.

Alert

If there are obstacles within the detection range, the associated alarm indicator will light up and an audible alarm will sound. The interval of the audible alarm sound is shortened when the distance is getting closer; When the spacing is less than 30cm, the audible alarm will continue to sound. The display displays only the color segment corresponding to the obstacle position, and the rest is not displayed. When there are more than one obstacle, the alert shall be based on the nearest obstacle.

When the audible alarm continues to sound and the display prompts red segment, the driver should immediately stop the vehicle, so as to avoid collision and scratching with the obstacles.

Target level Alarm area	3 (Green)	2 (Yellow)	1 (Red)
Front/rear side sensor (cm)	-	-	≤30
Front/rear corner sensor (cm)	-	30-60	≤30
Front middle sensor (cm)	60-90	30-60	≤30
Rear middle sensor (cm)	60-150	30-60	≤30

**i** The above distance information is approximate and for reference only. Please refer to the actual situation.

## Parking assist


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### Front sensor\*

When the vehicle speed is less than 15 km/h, the front sensor can work. It checks the approximate distance from the front of the vehicle to the obstacle at a certain angle.


If the gearshift lever is in P position or the UPA switch is off, the front sensor cannot work.

When the UPA switch is on, the front sensor automatically resumes operation when the vehicle decelerates from high speed to less than 12 km/h.

 False alarm or no alarm may occur in the following cases:

- The sounds related to vehicle horn, engine roar, vehicle exhaust, tire inflation and others close to the noise of ultrasonic sensor transmit-receive frequency range may cause a false warning.
- The system may detect railings, trees or slopes when reversing in narrow places, rough roads or uphill, which may cause false warning.
- False warning may occur when high frequency radio or antenna is installed on or near the vehicle.

- Alarm failure or false warning may occur when the sensor is icy or dirty in rain or snow.
- In hot or humid weather, the distance to detect objects may be reduced. If there are water drops attached to the surface of the ultrasonic sensor, the sensitivity of the ultrasonic sensor can be restored by wiping off the water droplets attached to it.

 Situations where obstacles cannot be detected:

- The ultrasonic sensor has a blind spot when detecting obstacles, and it cannot detect objects under the bumper, under the car, too close or too far away from the car.
- The UPA system cannot detect small wires, cables and barrier nets, soft ultrasonic-absorbing objects such as snow, cotton and sponge, low objects such as rocks, wood and curb, special shaped objects such as pillars, trees, bicycle, angles, cornerstones and corrugated paper.

- The surfaces of some items cannot reflect the ultrasonic signals emitted by the sensors, resulting in the failure to detect such items or people wearing such clothing.

 Other important considerations:

- Do not spray the surface of the sensor directly with high-pressure water such as a water gun, nor squeeze or impact the surface of the sensor in other ways; otherwise it may cause it to malfunction.
- The UPA system sensor is a precision component. Do not disassemble or repair it without permission. The company will not undertake the quality guarantee for the damage caused by the user's unauthorized disassembly and repair.

## Reverse camera system\*

### Brief introduction of reverse camera system

The reversing camera is installed on the trunk lid of this vehicle. The reverse camera system uses this camera to capture images of the rear of the vehicle and transmits them to the multimedia display in the cab to assist in reversing.

When reversing, the driver can clearly see the scene behind the vehicle through the multimedia display to avoid damaging the vehicle. But the system also has blind spots, such as not being able to detect small objects under the bumper and objects near the back and corners of the bumper.

### Use of reverse camera system

When the vehicle is shifted into R gear, the rear camera starts to work, and the multimedia display will display the reverse image in real time. At the same time, the reversing image is accompanied with dynamic and static trajectory indications. The driver can judge the distance between the ground obstacles and the vehicle according to the static trajectory marks. The static trajectory represents the distance, as shown in the figure.



When the vehicle exits the R gear, the rear camera stops working and the multimedia display returns to the previous display.

When the reversing image is turned on, if the system detects fault information, the multimedia display screen will display the fault information interface.


### Conditions affecting the rear-view effect of reversing


- In storm or fog.
- The surface of the camera is frozen or covered with dirt, dust, or snow.
- Reverse the vehicle at night.


### AVM system \*


#### Brief introduction of AVM system


The AVM system is a comfort system, which is composed of four wide-angle cameras and an AVM ECU installed around the vehicle body. The AVM can assist the driver in having a clear view of the surrounding environment of the vehicle when reversing, parking or turning, so as to expand the driver's field of vision and assist the driver in driving.


 The AVM can only display two-dimensional images on the screen, and due to the lack of spatial depth, it is difficult or impossible to identify protrusions or potholes in the road surface by AVM. Always observe the surroundings of the vehicle.


 Due to the limitation of panoramic system resolution, some objects cannot be displayed or cannot be clearly displayed, such as thin partitions, grids and trees.

 The AVM may deform the outline of objects on the screen. Relying on AVM to estimate the distance between the vehicle and obstacles (vehicles, pedestrians, etc.) may be inaccurate, which may cause accidents.

 There are still a few blind zones in the AVM. Always observe the surroundings of the vehicle.


 The width of the parking space is at least equal to the width of extension line of the track line.

 Please use the AVM system with the trunk lid fully closed, the left and right rearview mirrors naturally unfolded and the left and right front doors normally closed.

 The 360° camera does not work or is limited in function under the following conditions:

- The door is open.
- The rearview mirror is folded.
- The trunk lid is not closed.
- Heavy rain, snow or fog.
- At night or in dark places.
- The camera is exposed to bright light.
- The area is illuminated by fluorescent or LED lighting (the center control display screen will flash).

- The vehicle drives into a garage with heating system in winter and the temperature changes rapidly.
- If the parts of the vehicle on which the camera is installed are damaged, go to a qualified service center to check the location and calibration of the camera.

 The panoramic camera is installed on the outside of the vehicle cabin and is susceptible to dirty coverage. If the video is found to be unclear, it is recommended to manually wipe the lens surface with a soft cloth.

The AVM system includes the following main functions:

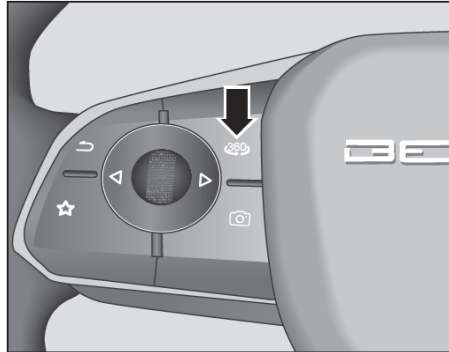
The control unit seamlessly stitches images of four cameras around the vehicle into a 360° panorama, similar to images taken from the air, and shows a 360° image of the body surrounding.


In AVM, when touching the camera button around the panorama, the single view area can be switched to the corresponding view image.



### Use of AVM system

#### AVM switch





There is an AVM system switch  in the steering wheel button. Press the on-off key to turn on the AVM system. When the system is on, press the on-off key on the steering wheel again or directly click the turn-off button X to turn off the AVM system.

#### Method to turn on/off AVM

- Set the gearshift lever to "R" gear, and the AVM will be on automatically; After shifting out of the R gear, if there is no other operation, the AVM will be off automatically after 5 seconds.

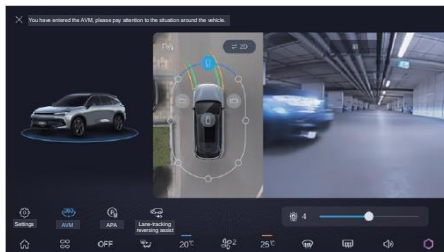
- When the vehicle is not in "R" gear and the vehicle speed is less than 25 km/h, press down the AVM switch.
- When the vehicle speed is less than 25 km/h and the gear is not R, the voice is on/off.
- When the vehicle speed is less than 12 km/h and the gearshift lever is not in R position, AVM can be turned on automatically through the turn signal lamp or the detection of obstacle, and will be turned off automatically without any operation within 5 seconds.
- When the APA function is working, the panoramic view interface is enabled.
- When the gearshift lever is not in "R" gear, press the "Exit" button on the left side of the display for turn-off.
- When the gearshift lever is not in "R" position, the function will be off automatically if the vehicle speed is higher than 30 km/h.

 The AVM works normally only when the keyless start/stop button is in "RUN" mode.

 The obstacle-triggered AVM is only available on models with front radar.

## Parking assist

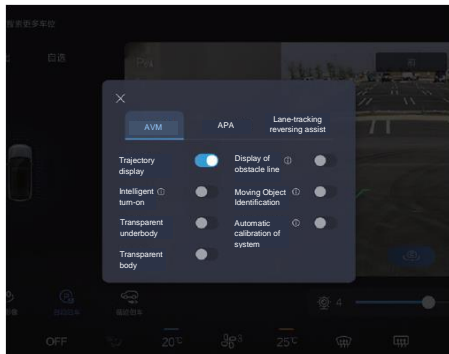
### Switching operation of AVM system interface



When the system starts and the gearshift lever is not in R position, the default screen of the system is front view + panoramic view, which can be switched to other views by operating the gearshift lever, turn signal lamp or touch screen.

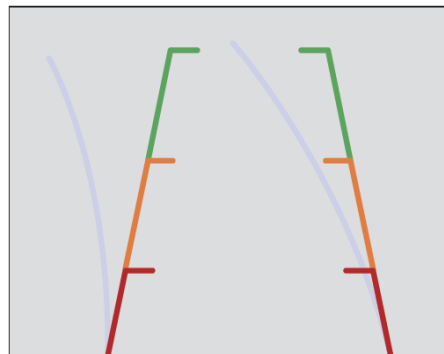
When the vehicle is shifted into the "R" gear, the default screen is 2D rear view + panoramic view, which integrates dynamic (and static) auxiliary lines. When the steering wheel is rotated, the auxiliary line will calculate the vehicle trajectory according to the steering wheel angle to assist the driver in parking.

### AVM settings



The AVM function can be set through the center control display.

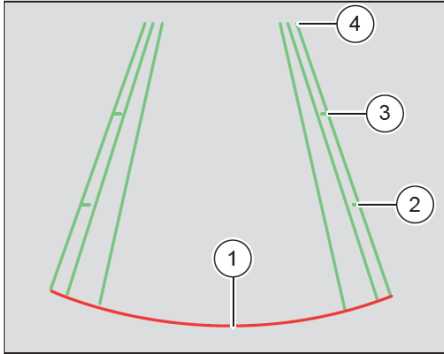
### Dynamic and static trajectories



The static trajectory indicates the image distance, and the dynamic trajectory changes with the change of steering wheel angle.

Distance (cm)	Display	Colour
20~50	First segment	Red
50~150	Second segment	Yellow
150~300	Third segment	Green

**Dynamic tire track**



The tire tracks change with the change of steering wheel angle.

S/N	Distance (cm)	Colour
1	30	Red
2	100	Green
3	200	Green
4	300	Green

**APA\***

**Brief introduction of APA**

The APA uses 4 AVM high-definition fisheye cameras and 12 ultrasonic radar sensors around the vehicle to collect real-time environmental data around the vehicle. Through the processing of environmental data, the current position and attitude of the vehicle, the position of the target vehicle, and the environmental parameters of the distribution position of surrounding obstacles are obtained. The above parameters are based on to generate automatic parking strategy, control the vehicle to automatically perform operations such as forward, backward, steering, braking, etc., and park the vehicle in and out of the parking space within the specified number of operations and time.

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

This system is a parking assist system and cannot completely replace the driver. In the process of using this function, the driver should still pay attention to the surrounding environment of the vehicle, control the speed of the vehicle, and actively intervene in braking if necessary to avoid unnecessary vehicle damage.


This function does not exempt users from accurate assessment of traffic conditions and responsibilities. Due to usage restrictions, the system cannot automatically respond appropriately in all cases. There is a risk of accidents and users are required to observe the traffic situations and take over effectively.


The system may not be able to identify people, animals, and unusual obstacles around the vehicle.


The vehicle will only brake when it encounters obstacle that the sensor continues to identify. It is unable to identify, for example, obstacle that are small, low, or out of sensor detection range. Accidents or damages may occur if the driver is not paying attention.

## Parking assist


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 As the sensor cannot identify the presence of potholes, do not use the system on large potholes to prevent vehicle collisions or entrapment. In particular, using this system is prohibited on the side of the road with a height difference, such as cliff edges, above adjacent roads, such as carriageways and sidewalks, to prevent vehicle falling during use.


 During the automatic parking, the emergency braking may occur. At this time, the deceleration is large. Because of inertia, the braking can cause the occupants heading forward.


 This system does not apply to parking scenarios where there are obstacles such as:


- Three-wheeled or two-wheeled vehicles other than motor vehicles;
- Vehicles without continuous physical form on the underbody (such as trucks, tankers or trailers, etc.);
- Obstacles without physical form or low obstacles (such as parking line locks or stones, etc.).


 External sound sources may interfere with the system, causing the system sensor to not be correctly identified, and resulting in false alarm of non-existent obstacle.


 The system may not be able to detect obstacles around the vehicle (such as more protrusions higher than the ground, suspensions, flat cars, trucks, low flower beds, steps, curb, potholes below the ground, cracks, steps, etc.).

 The system may be unable to identify objects whose surfaces do not reflect detection signals and persons wearing such clothing.


 System may not be able to accurately identify parking spaces in situations where there is insufficient or uneven lighting, such as night, shadows, underground garages, etc.


 Using this function on uneven ground (such as weeds, gravel road, etc.) may result in false braking due to misidentification.

 Avoid immersing the sensor in liquid to avoid damaging the sensor.


 The system may not recognize obstacles with the following characteristics:


- Smaller diameter obstacles, such as barbed wire fence;
- Fluffy obstacles, such as snow, grass, shrubs;
- Obstacle with edges and corners, such as square columns and C-sections;
- Obstacle located too low or too high, such as low floor locks, curbs, suspended hoses, fire extinguishers, etc.


 Driving the vehicle in bad weather such as rain, snow, fog, or the surrounding environment causes the vehicle to vibrate, which will affect the system performance.


 When cleaning the vehicle, only use a small stream of water to rinse the sensor for a short time, and keep at least 10 cm away. Do not use a high-pressure washer or steam washer to clean the sensor. Otherwise, the sensor may be damaged.





 Before parking in place, make sure there are no obstacles (stones, cylinders, strings, trailer towing bar, etc.) in the parking space and around the vehicle. The system may not be able to detect such obstacles.


 Pay attention to the actual validity of the detected parking space, because the system may recognize entrances, doorways, intersections, etc. as valid parking space.


 Do not use this system when the load transported extends out of the vehicle.


 The system may misidentify the tire prints and pavement boundary lines as parking spaces. In this case, the user needs to confirm the validity.


 The system carries out proper parking by calculating the perimeter of the wheel and planning the effective path. When installing a non-original wheel, tire chain or spare wheel, and in case of non-standard tire pressure, the system may not work correctly, and the final position of the parking space may not be correct.


 To ensure safety, when the parking function mode is used in the vehicle, the system will ask the driver to fasten the seat belt and confirm that the door is closed. This mode can be activated when the vehicle gear is in the automatic gear mode.


 Thin rods and other similar objects at the driving edge, vehicles moving back and forth in a narrow space, complex road conditions (such as short distance following driving, bend in the underground garage, queue-jump, etc.) may cause mistaken braking due to inaccurate detection and identification under the action of APA and AEB at low speed.


 In order for the system to work properly, the camera must be kept clean (free of snow, ice and dirt).


 Snow, water and slippery road surface may increase the braking distance and make the low-speed AEB unable to avoid collision during parking.


 Abnormal noise during the braking of the APA is normal, not a fault. When parking or emergency braking, you may not be able to respond effectively to the braking of the vehicle ahead. External sound sources (such as vehicles with similar ultrasonic sensors) may interfere with low-speed AEB function, so that the system sensor may not respond properly.

 During automatic braking, the system may not be able to brake the moving obstacle in time, such as pedestrians, electric vehicles, bicycle, motor vehicles, etc.

 The user's intention (such as emergency braking) may not be effectively judged, resulting in erroneous braking during parking.

 Different lighting conditions, different road surface (slope), different vehicle loads, different tire pressure will affect the braking distance, and the effect of APA and emergency braking may not be the same.

 The system sensor has a detection blind area. When the obstacles around the vehicle enter the vehicle blind area (such as the close range of both sides of the vehicle, in front of or behind the vehicle, etc.), the system cannot apply the brake.

 There is identification error in the system. APA is not recommended when the surrounding obstacles are close to the parking space, because there may be a risk of scratching.

## Parking assist

👁 In complex vehicle environments, such as irregular parking of surrounding vehicles, skewed surrounding vehicles, surrounding vehicles out of the parking frame, and surrounding vehicles encroaching on the target parking space, it is easy to cause vehicle scratching and parking failure. Therefore, it is not recommended to use APA function.

👁 The system can't recognize the low curb. When there is a curb during the roadside parking, the trajectory set by the system may crush the curb, requiring the driver to take over the vehicle.


👁 When there are obstacles in narrow lanes, narrow roads and surrounding areas, and the space for vehicle to cross is insufficient, the vehicle will approach the surrounding walls, vehicles or other obstacles, and the system will control the vehicles to move repeatedly, which may lead to vehicle collision, parking failure, etc. It is not recommended to use the APA function.


👁 The sensor has identification error, and the identified parking space may be skewed, misaligned, etc.

## Use of APA

### APA



The center control display is equipped with APA (APA) switch .

After the vehicle is started, when the vehicle speed is less than 25 km/h, press the APA switch , select the APA, and follow the center control display prompts. After the function is enabled, press the exit button in the upper left corner to exit the APA function.


👁 The system is mainly suitable for parking spaces with clear and standard lines. It is not recommended to use the APA in similar situations because of its low recognition rate.


During APA, the following conditions shall cause the APA to exit:

- touch the exit button in the upper left corner of the display.
- The vehicle speed shall be  $\geq 30$  km/h during parking space search.
- User intervenes in steering wheel and gear during parking (two gear-shifting operations within 8 s), EPB switch status.
- The system pause during the parking is longer than 30 seconds, or the entire parking is longer than 3 minutes.

During APA, the following conditions can cause the APA to pause:


- Seat belt is unfastened.
- The trunk lid is open.
- The door is open.
- Obstacles are encountered during parking.


 To ensure safety, users need to be ready to take over vehicle through braking and steering wheel.

 Users can control the vehicle speed through braking during parking.

## Turn off the engine


Step on the brake pedal, stop the vehicle stably, set the gearshift lever to the N position, apply parking brake, and then set the gearshift lever to the P position. Press the keyless start / stop button once, and then the engine will shut down, and finally release the brake pedal.


 After heavy load operation, it is recommended to idle the engine for a few minutes before shutting down the engine. So that the cooling system can continue to work to quickly reduce the temperature of the engine.


 After the engine is turned off, the cooling fan may still run for a while. When operating in the engine compartment, you should be careful to be injured by the fan.


### Emergency flameout method


Step on the brake pedal and press the keyless start / stop button twice in 2 seconds or press and hold the start / stop button for more than 2 seconds, and then the engine can be shut down.


 When the engine is turned off, the vacuum booster does not work. It takes a lot of effort to depress the brake pedal to slow down the vehicle.


 Do not turn off the engine when the vehicle is running! Otherwise, the vehicle may be out of control and cause accidents.


 In case of an accident, the vehicle may leak fuel, so the engine should be shut down immediately to prevent fire.

 It is strictly forbidden to adopt the operation method of "acceleration - flameout - coast-down in neutral gear".

 When the engine is running, the exhaust gas contains colorless and tasteless carbon monoxide gas, which can lead to unconsciousness or asphyxiation. If you smell the exhaust gas in the vehicle, open the window for ventilation immediately.

 Avoid operating the engine in the garage or in a closed space except when vehicle enters or leaves the garage. Otherwise, the exhaust gas cannot escape, which will cause serious danger.

 Do not idle the engine for a long time to avoid oil leakage from the supercharger.

 When changing the oil or lifting the vehicle for other purposes, please check the exhaust system. Check the exhaust system if the sound of the exhaust system changes or something hits the bottom of the vehicle during driving.

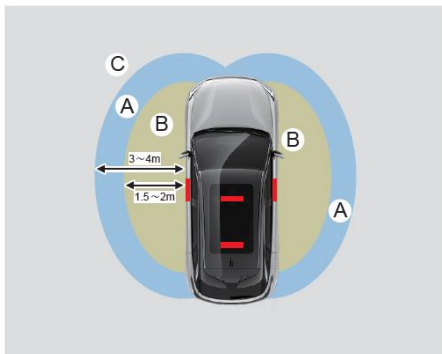
## Locking after shutdown

### Exterior locking

#### Sensitive locking with smart key

When the vehicle start/stop button is in "OFF" mode, all doors, the hood and trunk door are closed. Leave the vehicle with the key and walk to the front door handle of the vehicle about 3-4 meters away. At this time, the hidden handle automatically retracts\* and the door lock is closed.

#### Validation condition of automatic lock function



When the following conditions are met, the automatic lock will start at a distance of 3-4 m away from the vehicle (Area C is the locking area).

1. Turn on the PEPS through the center control display;

2. Place the keyless start/Stop button in "OFF" mode.

3. Get off with the smart key (the smart key cannot be placed with the mobile phones and laptops, and there are no other interference sources nearby), and close the four doors near the vehicle (in areas A and B), and trigger the automatic lock function.



If you need to put the smart key into the vehicle from the outside, press the lock button on smart key twice within 2 seconds to temporarily turn off the PEPS and put it into the vehicle.




Outside the vehicle, you should not put the smart key within the vehicle wake-up distance (i.e. about 4 m away from the vehicle, when the red indicator lamp on the smart key flashes continuously or intermittently). If you have to, then press the lock button on smart key twice within 2 seconds to turn off the PEPS temporarily and avoid capacity loss of smart key battery.



If you close the PEPS in the OBU, you need to turn it on again in the center control display, and if you temporarily close the PEPS through other ways, you can re-switch the door to restore the function.

### The smart key button is locked



When all the door, engine hood and trunk lid are closed, press the locking button , all the door are locked.

**i** Check and make sure all doors are securely locked and that all doors and windows are completely closed before leaving the vehicle.

**i** If any door (4 doors) is not closed, press the lock button, and the door will not be locked.

**i** When the four doors are closed and the hood or trunk lid is not closed, press the lock button, and then enter the alarm state, at this time, press the unlocking button to cancel the alarm.

**i** Equipped with exterior rearview mirror electric folding function of the vehicle, after all doors are locked, the rearview mirror will fold automatically.

### The smart key was left in the car.


When one smart key is left in the door, use another smart key to lock the door remotely after any four doors are closed. Or carry another smart key. By touching the front sensing area of the door handle to lock, the instrument cluster will prompt that the smart key is left in the vehicle, and will not execute the lock request, with the sound prompt from the vehicle.

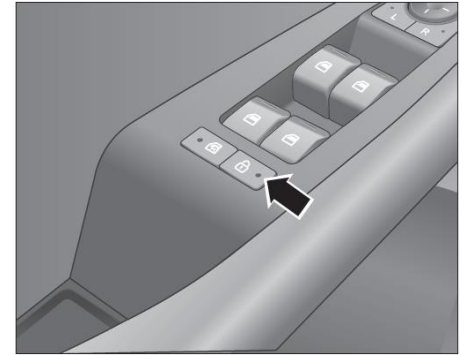
### Smart key is not in the car.


When the start/stop button is in the "RUN" mode, and any door is opened until all four doors are closed, and no smart key is detected in the car. The instrument cluster will indicate that the key is not in the car when the vehicle gives an audible prompt.

### Interior lock


#### Central control locking



The central locking button  is located on the glass lift switch panel of the door on the driver's side to make it convenient for the driver to lock all doors.



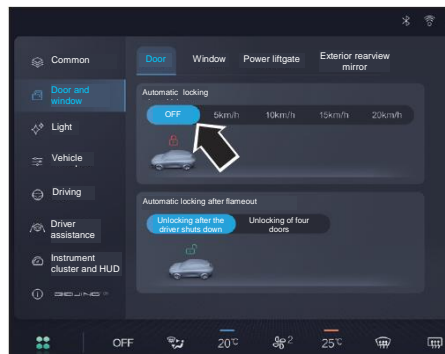
When the whole door is unlocked, press down the central door lock button  and all doors will be locked, and the switch indicator lamp will be lit.

## Locking after shutdown


After all the doors are locked, each door can still be opened separately inside the vehicle. When any door of the four doors is opened, the door cannot be locked by pressing the central door lock button .

 Never leave a child or a person with reduced mobility in the vehicle alone! They may inadvertently press the central door lock button  to lock the door; In case of an emergency, it is difficult for a child or person with reduced mobility to leave the vehicle on their own, and locked doors will cause more difficulties for others to rescue people.

## Automatic locking when driving




When the vehicle speed is higher than the set value during driving, the central door lock will automatically enabled to lock all the doors.

 Opening and closing of automatic locking function and vehicle speed at which it works can be set in the center control display.

## Anti-theft system

### Armed state

 When unlocked with a smart key, the vehicle exits the anti-theft armed state, but if no door, trunk lid or engine hood are turned on in about 30 seconds, then all door automatically re-lock, equipped with sensing hidden handle vehicle, the handle retracts automatically. The vehicle anti-theft alarm device shall automatically restore to the anti-theft armed state.




After the smart key locking vehicle, the whole vehicle will enter the armed state, and all door, engine hood and trunk lid are in the monitored state. If a door, trunk lid or engine hood is found to have been opened illegally, for example by force, the alarm will be activated.

Only when all doors, trunk lid and engine hood are in the locked state, the vehicle anti-theft alarm function can be activated. When you lock the vehicle with the smart key, if the vehicle beeps and the turn signal lamp flashes, which remind you that the vehicle has not entered the fortified alarm status, you should check whether the four doors, the engine hood and the trunk lid have been closed reliably. If they are all closed reliably, the anti-theft alarm function still can't be activated, please go to the BAIC MOTOR franchised dealer for maintenance to avoid the loss of property in the car due to the anti-theft alarm failure.

The trigger condition of alarm status:

- When the smart key is used to lock the doors, if all the doors are closed, and the engine hood or trunk lid is not closed, and the vehicle will enter the alert.

- If any door (including engine hood and trunk lid) is opened after locking doors with the smart key, an alert will be given.
- If you use the mechanical key to unlock the door and open the door after locking doors with the smart key, an alert will be given.

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

### Release armed state

Resolution of releasing the armed state :

- Press the unlocking button on the smart key to release the armed state.
- Carry the smart key to press the rear area of the exterior door handle to release the armed state.
- Use the mobile phone APP to unlock the vehicle and release the armed state.

### Alarm status

Alarm status trigger phenomenon:

- All the turn signal lamps flashed and the horns rang at the same time.

### Release the alarm status

Method to release the anti-theft alarm status after being activated:

- Press down the unlocking button on the smart key to deactivate the anti-theft alarm status, so that light and sound signals shall stop, and the vehicle is unlocked.
- When the vehicle Start/Stop button is in "RUN" mode, the anti-theft alarm status will be released.

## Locking after shutdown

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### Exterior rearview mirror fold


#### Manually fold and open the exterior rearview mirror


Pull the exterior rearview mirror backward at the side of the vehicle.



It is forbidden to drive the vehicle with any electric exterior rearview mirror folded. Otherwise, the judgment capacity of the rear vehicle and obstacle will be reduced, which may lead to accidents!

#### Automatic folding and opening of exterior rearview mirror\*

Press down the exterior rearview mirror fold switch  , and at this time the exterior rearview mirrors on both sides are folded to the inside of the vehicle at the same time.

Press the exterior rearview mirror open switch  again, and then the exterior rearview mirrors on both sides will automatically expand at the same time.

After all doors, engine hood and trunk lid are closed, press the smart key lock button, the exterior rearview mirror folds automatically, press the smart key unlocking button, the exterior rearview mirror unfolds automatically.

When the vehicle speed is higher than 20 km/h, the folded exterior rearview mirror will unfold automatically.



If the exterior rearview mirror frame is displaced by external force, the rearview mirror must be folded electrically. Do not manually adjust the rearview mirror frame; otherwise it will affect the rearview mirror adjustment.





## Vehicle Cleaning


### Exterior cleaning


#### Cleaning vehicle

Regular nursing vehicle is necessary to maintain the quality of vehicle for a long time.

 Do not use gasoline, turpentine, engine oil, nail polish remover or other volatile liquids to maintain your vehicle. All of the above are toxic and highly flammable and can easily cause fire and explosion!

 After cleaning the vehicle, its braking effect will be reduced. Risk of accident. After cleaning the vehicle, you should drive at a low speed for a few minutes, and gently step on the brake pedal several times under an ensuring safety driving condition to make the brake dry quickly and restore the braking efficiency.

 Do not use strong household soap, strong chemical detergent and other solvents to clean the vehicle surface.

 Do not wash the vehicle when the body surface is very hot; otherwise it will form smudges.


 Do not wash the vehicle in direct sunlight.

#### When to clean the vehicle

Please wash the vehicle to protect the body paintwork in the following cases:

- Acidic rain may damage the surface paint after driving on rainy days.
- After driving on the coastal road, the vehicle body may rust due to the erosion of the sea water.
- When contaminants such as soot, bird droppings, resin, metallic particles or insect carcasses are left on the body surface, the paint may be damaged.
- When dust or mud is left on the body surface in lumps, the surface paint may be damaged.

#### Automatic washing machine for cleaning vehicles

 Vehicle with sunroof can also be cleaned in an automatic wash, but the final hot sunroof treatment needs to be eliminated, as wax can penetrate the roof and damage it over time.

#### Manual cleaning

When cleaning the vehicle, pay attention to the following points:

- Do not use hot water, do not wash the vehicle in direct sunlight.
- Clean with soft sponge.
- Use neutral cleaner.
- Thoroughly rinse the vehicle with a mild jet of water.
- Do not direct the water gun at the air inlet.
- Rinse the vehicle with clean water and dry the vehicle thoroughly with oil-tanned leather.
- Rinse the sponge frequently with plenty of water.
- Ensure that the drain hole under the door is unobstructed.
- Joints, door, windows and engine hood are most susceptible to corrosion by streusalz. Therefore, these areas must be cleaned frequently.
- Do not let the cleaner on the painted surface dry.



Do not use strong household soap, strong chemical detergent and other solvents to clean the vehicle surface.

Do not flush the engine compartment with water; otherwise the electrical circuit, engine and related components in the engine compartment may fail.

Water or other liquids are forbidden to contact the electrical components and vents in the vehicle; otherwise the electrical components may be damaged.

### Remove the stains

The asphalt on the bottom of the vehicle or oil stains in other places, chemical pollutants, corpses of small insects, grease and fruit juice dripping from trees shall be removed in time to avoid damaging the body paintwork.

### Vehicle waxing

Regular waxing of the vehicle protects the paintwork and helps to keep the vehicle beautiful.

After waxing, polish it to remove the residual wax on the body surface.

Please clean the vehicle thoroughly before waxing.

Do not use waxes containing abrasives, mixtures or cleaner, which may damage the body paintwork.

### Clean the parts of vehicle

Wipe the glass outside the vehicle:

Clean the windshield, window, and rearview mirror with alcohol-based glass cleaner, and then dry the glass with a clean nonwoven cloth 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 particles and scratches will be left on the glass.

Maintenance of the bottom of the vehicle:

In areas where antifreeze salt is used on the road surface in winter, the bottom of the vehicle should be cleaned in time to prevent dirt or salt accumulation so that the bottom of the vehicle and the suspension system components are corroded. In winter or spring, the anticorrosion and sealing condition of the underbody must be checked. If necessary, please contact the BAIC MOTOR franchised dealer for repair. Clean aluminum alloy wheel rim:

The aluminum alloy wheel rim shall be cleaned frequently, especially in areas where antifreeze salt is used on roads in winter. If the wheel is stained with salt, it will corrode and discolor the aluminum alloy wheel rim.

Do not use cleaner containing strong acid or alkali ingredients to clean the wheels, so as to avoid corroding the aluminum alloy wheel rim.

After using the cleaner, the wheel should be rinsed within 15 minutes to rinse the cleaner clean, so as not to leave marks on the aluminum alloy wheel rim.

**Wheel:**

- When cleaning the vehicle, you should clean the inside of wheels.
- Do not use abrasive cleaners when cleaning wheels.
- Regularly check the rims for deformation or erosion. Deformation or erosion may cause wheel to leak or damage the tire rim.
- Remove small stones embedded in the tire pattern in time to avoid affecting the tire.
- It is recommended to wax the wheel to reduce the corrosion of the wheel by dirt.

**Cleaning of the chrome-plated parts:**

It is recommended that the chrome-plated parts shall be cleaned regularly with a chrome polishing agent that does not contain abrasives to keep them bright.

**Internal cleaning****Wipe the glass inside the vehicle.**

Do not use a knife-edged tool or chlorinated disinfectant when wiping the interior window; otherwise, the rear windshield defogger wire may be damaged.

Proper amount of special glass anti-fog agent can be sprayed to prevent fogging when the glass inside fogs in winter.

**Seat belt**


The seat belt webbing can be brushed with a sponge dipped in neutral washer fluid.

After cleaning, the seat belt webbing should be dried before use, and the wet webbing cannot be directly retracted into the retractor to avoid damage to the retractor.


Do not clean the seat belt webbing with bleach, dyes and chemicals; otherwise it will seriously damage the webbing.


**Footrest**


No matter what footrest is used, it should be confirmed that it is suitable for the vehicle and fixed correctly and reliably so as not to interfere with the pedal operation.


 If the footrest is not fixed, it may hinder the operation of the brake pedal and accelerator pedal and cause serious accidents.


**Corrosion protection****Ensure that the vehicle is not corroded.**

 Clean and wax the vehicle frequently to keep the vehicle clean.

 Frequently check for minor paint damage and repair it as soon as possible.

 Check whether there is any accumulation of sand, dirt or salt on the underbody of the vehicle, and if any, rinse it with water as soon as possible.

 Do not allow water or other liquid to contact the electrical components in the vehicle; otherwise, the electrical components will be damaged.

 Do not flush the passenger compartment with water directly to remove dirt, sand or other debris, but use vacuum cleaner or broom to remove dirt.

## Maintenance

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Due to the corrosive nature of road antifreeze and snowmelt agents, they may accelerate the corrosion and aging of underbody components such as exhaust system, parking brake level cables, brake pipelines, bottom plates and fenders. Therefore, after the vehicle is running on this road, the bottom of it should be cleaned in time.

Other anti-rust and anti-corrosive measures may have special requirements in some areas. Please consult BAIC MOTOR franchised dealer.

### Most common causes of vehicle corrosion

- Damp dirt or debris accumulates in the body sheet metal cavity or other parts.
- Damage to top-coat or other protective layers caused by sand and small stones or minor traffic accidents.

## Maintenance of vehicle Maintenance instructions

With the increase of vehicle mileage, its parts will gradually be worn out, and the technical condition will continue to deteriorate. To keep the vehicle in good condition and to keep the vehicle valuable when reselling the vehicle, the vehicle must be maintained.

Maintenance is divided into regular maintenance and routine maintenance. Please go to BAIC MOTOR franchised for regular maintenance, and the routine maintenance is mainly carried out by the driver.

When carrying out any maintenance or inspection operations, it is necessary to observe the safe operation specifications. Incorrect operation may cause failure or damage to the vehicle function, and even accidents.

### Regular maintenance

The regular maintenance of the vehicle in time is an indispensable link in the use of vehicle. Please refer to the Maintenance Schedule for the mileage interval or time interval of regular maintenance and maintenance items. You can also follow the reminder about maintenance mileage in the instrument cluster (see "maintenance mileage"), going to a BAIC MOTOR franchised dealer for regular maintenance in time.



Failure to perform regular maintenance on the vehicle in a timely manner will reduce the service performance of the vehicle, cause damage to it, and lose the rights of warranty and claims.

### Daily maintenance


During routine maintenance, corresponding item should be checked before normal driving. In order to ensure that the vehicle can continue to operate normally. It is the responsibility of the driver to carry out routine maintenance.


Routine maintenance and inspection can be done by the driver himself, and if necessary, the driver can also go to the BAIC MOTOR franchised dealer.


### Precautions for routine maintenance


The driver must pay attention to safety and observe safety specifications in the course of routine maintenance to avoid causing injury to themselves or damage to the vehicle.


If the vehicle parts need to be disassembled and replaced, the vehicle should be repaired by professionals. Please consult the BAIC MOTOR franchised dealer if you have any questions about the maintenance and repair of the vehicle.


 If you have to run the engine in an enclosed space such as a garage, make sure there is proper ventilation to vent the exhaust.


 Before routine maintenance, take off loose clothes, curl up long hair, remove jewelry such as bracelets and watches, and wear gloves.


 Routine inspection or regular maintenance requires timely removing foreign matters in the engine compartment. Don't leave gloves, rag and other inflammable materials or tools in the engine compartment. The items left behind may cause malfunction or damage of the engine, and even cause fire.


 The engine and exhaust system will produce high temperature, which is easy to cause scalds. Therefore, wait for at least 30 minutes after the engine is shut down, and carry out relevant daily maintenance after the engine and exhaust system are cooled.


 Do not allow objects with sparks, flames or sparks close to the fuel system parts and batteries.

 Before carrying out routine maintenance, park the vehicle in a safe area and flat and load-bearing surface and apply the parking brake. Do not carry out routine maintenance operations in areas not safety such as areas with heavy traffic, people flow, flammable and explosive dangerous areas, or on ramps.

 Do not drill under the vehicle with only the jack assembly supporting the vehicle. If personnel have to get under the vehicle, they must support it with a safety stand.

 Avoid direct contact to the skin with used engine oil or coolant.

 Do not disconnect or connect the battery cable or other electrical component connectors when the start/stop button is in "RUN" mode.

 When the engine is off, the pressure in the fuel pipeline is still high. Do not disassemble the fuel pipeline. Please go to the BAIC MOTOR franchised dealer to repair the fuel system.

### Outside routine maintenance items

Door and engine hood:

Check whether all doors, engine hood and trunk lid can be opened or closed normally.

Check whether all door locks function normally. Lubricate hinges and door locks if necessary.

Check that the engine hood hook can still keep the engine hood closed after the safety hook has been opened.

Tire:

Before driving long distance, carefully inspect the tire for damage, cracks, or excessive wear, measure the tire pressure with a tire pressure gauge, and adjust the pressure of all tires (including spare wheel) to specified values (see "tires and wheels").

## Maintenance

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### Lamps:

Check and ensure that headlamp, brake lamp, position lamp, turn signal lamp and other lighting fittings are in good working order and securely fixed. A/C air inlet:

The A/C air inlet is located at the bottom right of the front windshield. The outside air is sucked in from the A/C air inlet and enters the interior through the A/C system.

Leaves and other sundries on the A/C ventilation panel should be cleaned regularly; Especially in rainy and snowy weather, timely remove the snow on the front windshield and front windshield ventilation panel to ensure the smooth A/C air inlet and flow channel. Otherwise, the drainage outlet of the water channel may be blocked, affecting the A/C effect and even causing A/C system failure.

### Daily maintenance project within the vehicle

#### Parking brake:

Operate the EPB switch to ensure that the parking effect is reliable.

#### Steering wheel:

Check the steering wheel for excessive free travel, heavy steering or other abnormal noise.

#### Accelerator pedal:

Check the normal operation of the accelerator pedal, to ensure that the accelerator pedal operation is not stuck and unevenly applied, and to ensure that the footrest does not hinder the operation of the accelerator pedal.

#### Driving brake pedal:


Check whether the brake pedal can operate normally, ensure that when the brake pedal is fully depressed, there is sufficient clearance under it to ensure that the footrest does not interfere with the brake pedal.

#### Seat belt:

Check that whether all parts of the seat belt (such as buckle, tongue, and retractor) work properly and smoothly, and that whether they are securely mounted. Check whether the seat belt webbing is cracked, scratched, worn or damaged. Cleaning and maintaining of instrument panel and plastics:


Clean the instrument panel and plastics regularly with a clean soft cloth. And it can be sprayed with appropriate amount of instrument panel wax for protection.


Special stains can be cleaned with special solvent-free plastics cleaner.

 It is forbidden to clean instrument panel and airbag module surfaces with solvent-containing cleaner. Otherwise, the airbag module may be damaged and serious personal injury may occur when the airbag is deployed. Cleaning and maintenance of leather:

Remove the dust on the leather surface with a vacuum cleaner, wipe the leather with a wringed wet soft cloth, and then wipe it with another dry soft cloth. After it is completely dry, it can be sprayed with an appropriate amount of leather care agent for protection.

If the above cleaning is not enough to remove stains, you can use a special leather cleaner to clean.

 After wiping with leather cleaner, use a soft dry cloth to wipe it dry as soon as possible.

 Do not place the soft cloth soaked in cleaner on any part of the interior for a long time, so as not to cause partial discoloration of the interior.

### **Routine maintenance items of other parts**

Warning lamp, indicator lamp and buzzer:

Ensure that all warning lamps, indicator lamps and buzzers are working properly.

Whether it can be blown out from the air outlet of the defrost defogger in a proper and sufficient amount.

It can be blown out from the air outlet of the defrost defogger in a proper and sufficient amount.

Wiper and washer:

Check whether the wiper and washer can work normally, if the wiper left scratches, you should immediately go to the BAIC MOTOR franchised dealer to replace the wiper blade.

Windshield washer fluid:

Check whether there is sufficient washer fluid in the windshield washer fluid reservoir.

Liquid leakage:

After the vehicle is parked for a period of time, check the vehicle for fuel, oil, coolant or other leaks, the A/C after the use of dripping is normal. If leakage or obvious gasoline smell is detected, please find out the cause and contact the BAIC MOTOR franchised dealer for repair immediately.

Brake fluid level:

Ensure that the brake fluid level in the brake fluid reservoir is between the MIN and MAX lines.

Engine coolant:

When the engine is cooled, check the coolant level in the reservoir.

Engine oil:

Park the vehicle on a flat and solid surface, turn off the engine, and check the engine oil level with a dipstick after 10 mins. (See "engine oil level inspection method").

Accessory belt of engine:

Ensure that the accessory belt is not worn, loose, cracked or greased.

## Maintenance

### Maintenance schedule

Regular maintenance item	First maintenance	Regular maintenance	Additional instructions (whichever comes first)
Engine oil	•	•	It shall be replaced every 5,000 km/6 months under severe service conditions.
Oil filter	•	•	It shall be replaced every 5,000 km/6 months under severe service conditions.
Automatic transmission fluid	—	—	Replace every 60,000 km
Automatic transmission fluid filter element	—	—	Replace it synchronously with automatic transmission fluid
Spark plug	—	—	Replace every 40,000 km
Air cleaner filter element	—	—	Under normal conditions of use, clean every 10,000 km/6 months and replace every 20,000 km/1 year Under severe service conditions, clean every 5,000 km/3 months and replace every 10,000 km/6 months
Air filter element (on-board CN95 filter element)	—	—	Clean every 10,000 km/6 months; Replace every 20,000 km/1 year
Ribbed belt and tensioner	—	—	Check every 10,000 km/1 year, and replace if necessary
Fuel filter	—	—	The fuel filter is integrated into the fuel pump, and the replacement mileage is 10 years or 160000 km, whichever comes first (pay attention to the vehicle condition during maintenance, and replace it every 80000 km/3 years in areas with poor oil products, and replace the oil pump if necessary)
Water pump belt	—	—	Check for the first 100,000 km/5 years, and then every 30,000 km. Replace it if there are cracks or ropes come off. Replace it if there are any cracks or cables come off. Replace it after 180,000 km.
Timing belt and tensioner	—	—	First inspection: 100,000 km/5 years; After that, check it every 30,000 km and replace it if necessary; When the mileage achieves 180000 km, the timing belt must be replaced if necessary, and tensioner and idler gear assembly of the timing belt need to be replaced simultaneously.



Regular maintenance item	First maintenance	Regular maintenance	Additional instructions (whichever comes first)
Idle speed of engine	○	○	
Engine coolant	○	○	Replacement every 40,000 km/2 years
Check whether the crankcase ventilation control system is normal.	—	—	Check every 40,000km/2 years
Brake fluid	○	○	Replacement every 40,000 km/2 years
Front and rear brake pad: check the brake pad thickness and wear.	—	○	
Check whether the exhaust system leaks or is damaged	○	○	
Tire/rim (including spare wheel)	○	○	Check the tire for wear, correct the tire pressure, and do tire rotation or replace the tire if necessary.
Suspension and steering tie rod ball joint, dust cover of steering gear housing drive shaft	○	○	
Pipelines of radiator, brake, exhaust and fuel and their connections	○	○	If the rubber hose is found to have abnormal wear, crack, bulge, scratch, scald and oil leakage and other adverse phenomena, it needs to be replaced; There are many willow catkins in spring. Check whether the front end of the radiator is covered by catkins every 10,000 km (position between condenser and radiator).
Door hinge and door stopper, door lock, engine hood, trunk lid hinge and latch	○	○	
Electrical equipment function (including electric window regulator, electric rearview mirror, A/C, sunroof, etc.)	○	○	
Wiper and washer	○	○	
Battery	○	○	

## Maintenance

Regular maintenance item	First maintenance	Regular maintenance	Additional instructions (whichever comes first)
Computer detection: use special diagnostic scan tool to read the fault memory in each control unit system.	○	○	
Check the instrument cluster display and interior and exterior lighting.	○	○	
Maintenance mileage periodic reset	○	○	
Regularly check the inside of the handle for foreign matters, dust, etc., and clean it in time if necessary.	○	○	
Parking brake	○	○	
Check the appearance of shock absorber and shock absorbing spring, and check the chassis fasteners for looseness, and if any, tighten them to specified torque.	○	○	
Trial run: power performance, brake performance, ride comfort, noise, gear, etc.	○	○	
Inspection of seat belt function	○	○	<ol style="list-style-type: none"> <li>1. Check whether the seat belt can be easily pulled out and retracted naturally;</li> <li>2. Quickly pull out the seat belt, and the seat belt can be locked;</li> <li>3. The latch opening force is less than 60N;</li> <li>4. The seat belt webbing is not damaged;</li> <li>5. The height of the seat belt can be adjusted normally.</li> </ol>

### Note:

1. The first maintenance is 5,000 km/6 months (subject to the purchase invoice), whichever comes first.
2. The regular maintenance is 10,000 km/12 months (since the last maintenance), whichever comes first.
3. "●" means replacement; "○" means inspection; "-" means no operation or see additional instructions.


**Maintenance specification**

The maintenance of this vehicle is divided into maintenance under "general service condition" and maintenance under "severe service condition". Please follow the service condition accordingly.

Non-severe service conditions refer to "general service conditions".

The following conditions are considered as "severe service conditions":

- Often driving in dusty areas or often exposing to salty air or salt water.
- Often drive on uneven roads or mountain roads with accumulated water.
- Often drive in cold areas.
- In the cold season, the engine is idling for a long time or often runs for a short distance.
- Frequent use of brake and frequent emergency braking.
- Towing of vehicle.
- Overloaded driving.
- Used as a taxi or as a self-driving rental car.
- The time of driving slowly under a high temperature above 32°C in congested urban areas is more than 50% of the total driving time.
- Driving vehicle at high speed above 120 km/h for more than 50% of total driving vehicle at high temperature above 30°C.

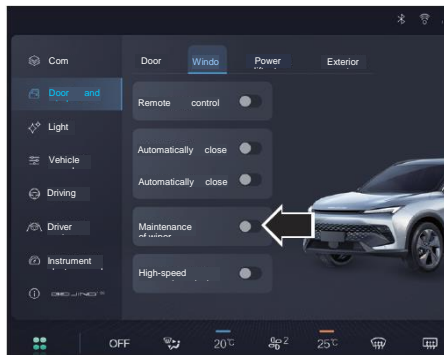
 Check and repair the vehicle at the BAIC MOTOR franchised dealer in time if there is any failure or any other abnormality.

## Maintenance

### Replace and clean the wiper


#### Replace the front wiper blade

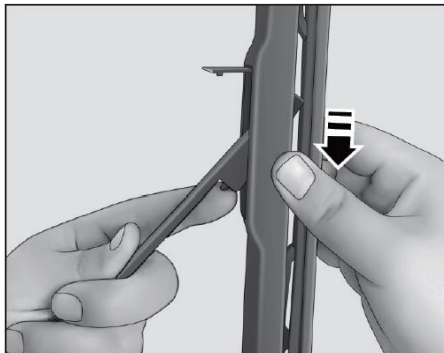
When the windshield wiper needs to be maintained, always switch the vehicle to the maintenance mode. To avoid personal injury or vehicle damage caused by sudden operation of windshield wiper. When the wiper is turned on for servicing, the wiper will move automatically to the servicing position.



Set the power switch to "RUN", and when the wiper switch is off, the "wiper maintenance" mode can be enabled/disabled through the center control display, the wiper will run automatically to the maintenance position.

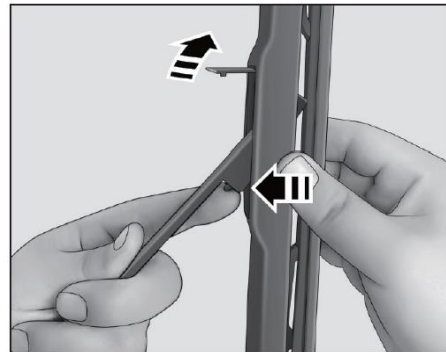
1. Turn on the wiper for maintenance, and the front wiper will arrive at the maintenance position automatically;
2. Lift up the wiper arm away from the windshield. Pad thicker towel under the wiper arm to prevent the wiper arm from rebounding and damaging the windshield accidentally.

 Ensure that the power supply in the vehicle has been turned off during this operation to prevent accidental triggering of the wiper, damage to the wiper arm or personal injury.




3. Open the cover plate and turn the wiper blade to make it form an angle of about 15° with the wiper arm;

4. Gently toggle the locking clip of the wiper blade with your forefinger and hold it;



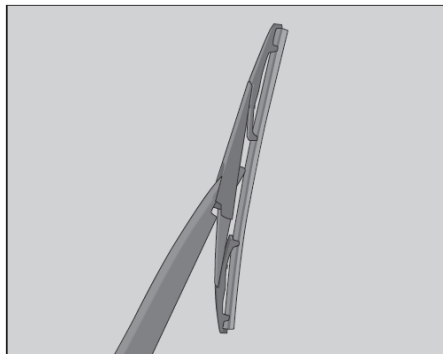
5. Hold the wiper blade slightly along the arrow to remove the wiper blade;

 After removing the wiper blade, be especially careful to use a thicker towel under the wiper arm to prevent the wiper arm from accidentally bouncing back and damaging the windshield.




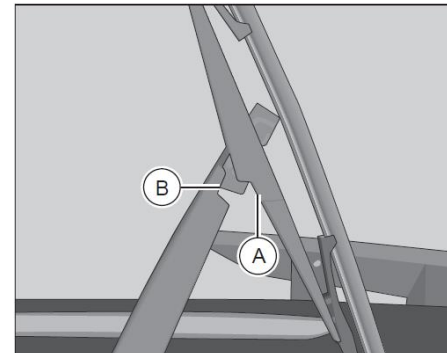
### Replace the rear wiper plate

1. Lift the wiper arm away from the windshield, with a thicker towel pad under the wiper arm to prevent the wiper arm from accidentally rebounding and damaging the windshield;
2. Hold the wiper blade assembly, turn it counterclockwise to the limit position, and then continue to turn it slightly until a click is heard, then the wiper blade assembly will slip from the wiper arm detent;



3. Draw out the wiper blade assembly obliquely upward;

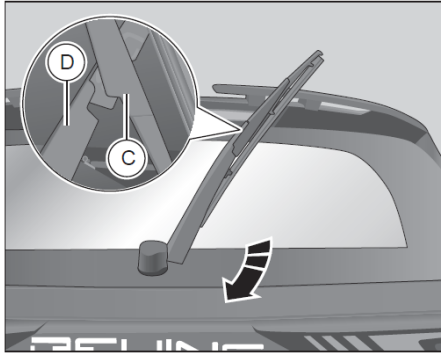
-  After removing the wiper blade assembly, be careful to prevent the wiper arm from rebounding and damaging the windshield.



4. Replace with new wiper blade assembly;
5. Clamp the boss A on the wiper blade assembly into the groove B on the wiper arm;

6. Replace with a new wiper blade;
7. Clamp the wiper blade upward into the groove of the wiper arm. If a click is heard, it means it is installed in place;
8. Check that the wiper blade is installed reliably, remove the towel, and gently put the wiper arm back to the original position;
9. Switch the start/stop button to "RUN" mode. The "wiper maintenance" mode can be enabled through the center control display.

## Maintenance



6. Rotate the wiper blade assembly clockwise to make its boss C be snapped into the groove D on the wiper arm;
7. After the installation, check whether the wiper blade assembly is installed reliably. Remove the towel and fold the wiper arm back onto the windshield.

Keep a good view during driving!

Regularly clean the wiper blade and all window glass.

The wiper blade should be replaced once or twice a year.

Try to avoid the wiper blade drying the windshield, so as not to cause the rubber strip aging and wear, which will affect the driving safety.

Before the wiper blade replacement is completed, do not power on the whole vehicle to avoid sudden windshield and engine hood damage.

After removing the wiper blade assembly, be extremely careful of the wiper arm to avoid the sudden rebounding back of the wiper arm and the damage to the windshield.

### Clean the wiper blade

Contamination of either windshield or wiper blade will reduce the wiper's wiping effect. The main pollution sources are dust, sediment, insect, sap and water waxes used in car washers. If the wiper blade brush is not scraping properly, use a high-quality cleaner or mild detergent to clean the windshield and wiper blade, and then rinse thoroughly with water. The operation procedure of cleaning wiper blade is as follows:

1. When the start/stop button is switched to "OFF", and the front wiper to "MIST" within 30 s, the front wiper will reach the maintenance position automatically;

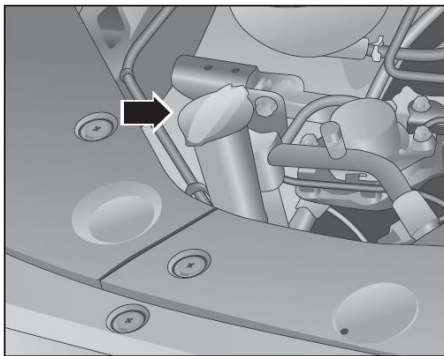
2. Lift up the wiper arm to get it out of the windshield;
3. Seize the wiper arm;
4. Carefully wipe off the dust and dirt on the wiper blade and windshield with soft cloth;
5. After cleaning, gently put the wiper arm back to its original position;
6. Switch the keyless start/stop button to "RUN" mode, operate the front wiper to any gear, and the front wiper will automatically reset to the initial state.

The wiper blade shall be kept in good condition to obtain a clear view.

👁️ To prevent wrinkles, the wiper blade should be cleaned regularly with windshield cleaner. If the wiper blade is very dirty, it can be scrubbed with sponge and cloth.

👁️ When it's cold, check to see if the wiper blade is frozen every time before you turn on the windshield washer, which can be used only if the windshield wiper blades are clear.

### Filling washer fluid



Washer fluid is supplied by the washer fluid reservoir located in the engine compartment for the windshield washer. If the windshield washer is used, the washer nozzle can only intermittently spray washer fluid, or no washer fluid at all, it means washer fluid is insufficient. If the washer fluid level is found to be too low, washer fluid should be added to the reservoir in time.

If the windshield cleaning system still does not work properly after enough washer fluid is added, please contact the BAIC MOTOR franchised dealer for inspection and repair.

In order to obtain good washing effect, please use special washer fluid. Adding washer fluid should be done slowly.

⚠️ Be sure to observe the safety procedures when working in the engine compartment.

⚠️ Do not add coolant or any other additives to the washer fluid of windshield; otherwise it will leave greasy stains during the cleaning of glass, which will seriously affect the vision and lead to accidents.

👁️ Special windshield washer fluid should be added in time to avoid dry wiping without water; otherwise the wiper blade will be damaged and the windshield will be easily scratched.

👁️ When the ambient temperature is lower than 0 °C, washer fluid with corresponding antifreeze should be used.

⚠️ Do not allow dirt to enter the washer fluid; otherwise, the washer nozzle may be blocked or damaged.

### Routine maintenance of wiper

#### Inspection of washer nozzle

If there is debris near the washer nozzle, please clean it up in time. Otherwise it may affect the normal operation of the windshield washer.

Set the start/stop button to "RUN" mode, toggle the wiper and washer combination switch to perform front and rear washer spray, and observe the spray washer and spray position. If the spray pressure is too small or the spray position is incorrect, please go to the BAIC MOTOR franchised dealer for repair.

## Maintenance

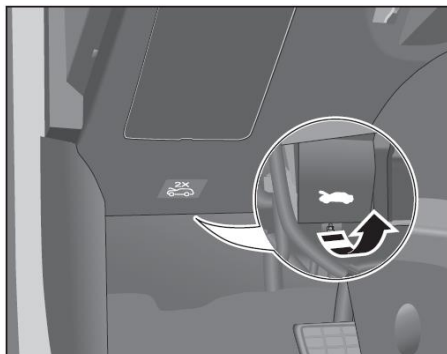
### Replacement of windshield wiper blade

If there is friction sound when the wiper blade is wiping, it may be caused by the following reasons:

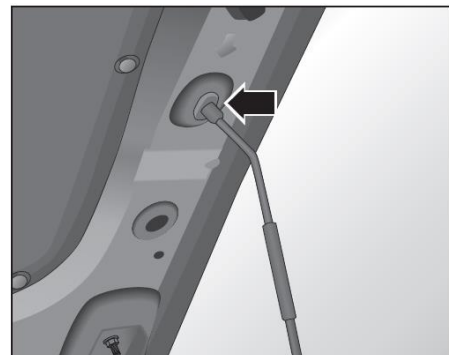
- When washing the car in the automatic car wash, the hard waxy residue is consolidated on the windshield. Adding a windshield cleaner that dissolves paraffin will eliminate this friction. Ordinary cleaning solutions that only dissolve grease will not remove this deposit.
- If the wiper blade is damaged and there is friction sound, the wiper blade should be replaced.
- There is dust or debris on the outer surface of the windshield.
- The positioning angle of the wiper arm is incorrect. If this happens, please go to the BAIC MOTOR franchised dealer to check and adjust the positioning angle.

It is recommended to check the wiper blade regularly and replace it as required; otherwise the front windshield will be damaged.

### Inspection and adding of oil/fluid Opening and closing the engine hood



1. Pull the engine hood release handle continuously for twice to unlock the hood.
2. Lift up the engine hood.



3. Open the engine hood to the proper position, pinch the rubber sleeve of the strut, pull the strut out of the clip, and insert its head into the oval hole on the engine hood to confirm it is supported reliably.

### Close the engine hood

1. Check and ensure that there is no other foreign matter in the engine compartment to prevent damage to the vehicle parts;
2. Hold the engine hood steady and push it upward slightly so that the strut can come out of the support hole. Retract the strut and fasten it.



3. Slowly lower the engine hood to a proper height and quickly press the engine hood to completely close it.
4. Check that the engine hood is closed properly. If the engine hood can also be lifted slightly, it means that it is not closed properly. Please open the engine hood again and apply a slight closing force as you close it again.



If the hood cannot be closed due to low temperature, turn the rubber bumper in the engine compartment slightly clockwise until it can be closed.



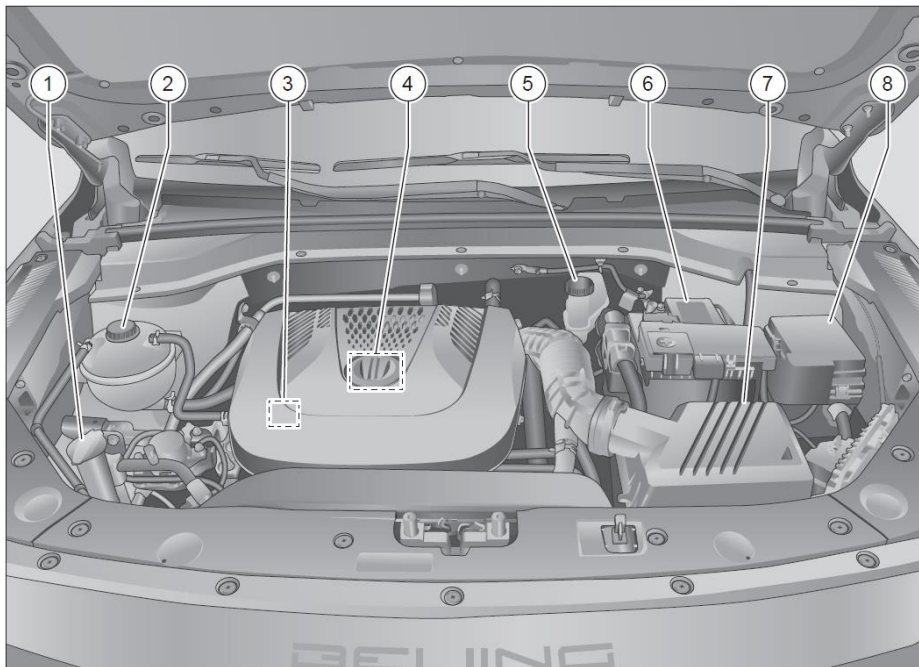
If steam or fumes come out of the engine compartment, do not open the engine hood to avoid any injury.




If the engine hood is not locked up when the vehicle is running, the engine hood may be overturned by the jet airflow and cause serious accidents. Therefore, it is necessary to check whether the locking device is reliably locked after the engine hood is closed.

## Maintenance

### Brief introduction of engine compartment



1. Filler cap of windshield washer fluid reservoir
2. Filler cap of engine coolant reservoir
3. Engine oil scale
4. Filler cap of engine oil
5. Filler cap of brake fluid reservoir
6. Battery
7. Air cleaner
8. EJB


 Users are advised not to disassemble and assemble the engine compartment cover plate by themselves to avoid unnecessary injury. Please go to the BAIC MOTOR franchised dealer for disassembly and assembly.


### Prompts for safe operation of engine compartment


Be careful when carrying out any work in the engine compartment! Do not work in the engine compartment if you are not familiar with the necessary operations and general safety precautions! Please leave all the works to the BAIC MOTOR franchised dealer. Improper operation may result in injury.


Before any work is carried out in the engine compartment, the following operations shall be carried out:


1. Park the vehicle on a flat ground with safety and bearing capacity;
2. Apply the parking brake, please ensure that the vehicle will not slide accidentally;
3. Put the gear in "P" gear or neutral gear, turn off the engine machine, and wait for the engine machine to cooling;
4. Keep the child away from the vehicle;
5. Open the engine hood.


 Before opening the engine hood, if visible steam or coolant overflow engine compartment, do not open the engine hood to avoid scalding! Do not open the engine hood until the engine has been cooling and no steam or coolant is seen to escape.


 If you have to work while the engine is starting or running, always be careful not to injure the operator by rotating parts such as belts, generators, cooling fans and high-voltage ignition system.

 Do not touch the cooling fan. The cooling fan is controlled by temperature and may automatic to turn on when the engine is off.

 If the operation is carried out under the vehicle, appropriate measures shall be taken to prevent the vehicle from sliding and the vehicle shall be supported with suitable supports. In this case, it is not advisable to support the vehicle with the onboard jack assembly to avoid injury to the operator under the vehicle!

 Do not check and fill oil/fluid in the engine compartment when the engine machine is overheated, so as to avoid injury and scalding to the operators, and even the fire occurrence.

 When adding oil/fluid, do not confuse the various oil/fluid; otherwise it will cause serious functional failure of the vehicle.

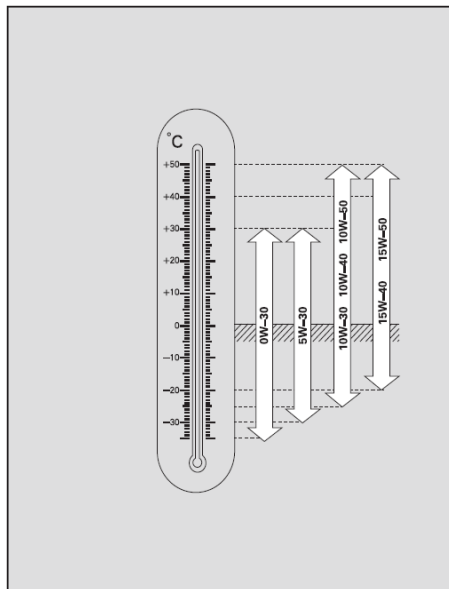
 Check the vehicle for oil leakage. Avoid oil/fluid dripping onto the hot engine machine or exhaust unit, resulting in fire.

## Maintenance

### Oil

Refer to the maintenance schedule to change the engine oil regularly. Please go to the BAIC MOTOR franchised dealer for replacement. Only by replacing the engine oil in accordance with regulations, can the engine machine service life be guaranteed.


When purchasing engine oil, please check whether the model specifications on the oil outer packaging are suitable for the engine of this car and the corresponding use environment.





### Recommended SAE viscosity number for the engine oil

Please choose the appropriate engine oil according to the different ambient temperature.

### Oil pressure indicator lamp of engine

If the oil pressure indicator lamp  of the engine keeps lit after the engine starts, the engine system is faulty. Shut down the engine immediately and check the engine oil level.

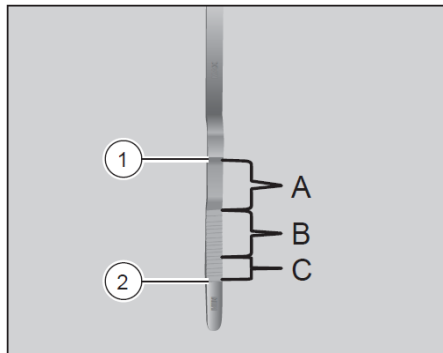
If the engine oil level is normal, but the warning lamp is still on, do not continue driving. At this time, the engine should be turned off, and contact the BAIC MOTOR franchised dealer to repair the engine lubrication system.

 After the oil pressure indicator lamp  of the engine is lit, continuing to drive, will seriously damage the engine.

### Inspection method of engine oil level

1. Park the vehicle on the flat and solid ground;
2. Start the engine and warm it up until the engine reaches the normal operating temperature (about 5 minutes);
3. Shut off the engine and wait at least 10 minutes for the engine oil to flow back to the oil pan;
4. Pull out the oil dipstick vertically, wipe off the oil stains on oil dipstick with a clean, and re-insert the oil dipstick to the end.

5. Pull out the oil dipstick again and check whether the fluid level is between the upper and lower limits.



①: oil upper limit mark

②: oil lower limit mark

Area A: No oil to be added

Area B: oil can be added:

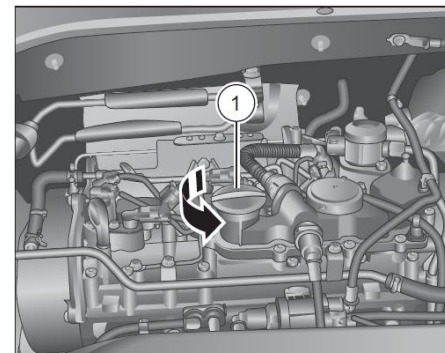
Area C: oil must be added:

The engine consumes a certain amount of oil, and the oil consumption depends on the driving style and the vehicle use. Therefore, it is necessary to check the engine oil level regularly, preferably after each fuel refueling and before long-distance driving.

In summer, when the vehicle is driving on the expressway for a long distance or in mountainous areas, and the engine machine is operating in such harsh conditions, the engine oil level must not exceed the upper limit mark ①.


#### Engine oil supplement


1. Park the vehicle on the flat and solid ground;
2. Open the engine hood;
3. Remove the engine trim cover;
4. Place rag around the filler to prevent oil from dripping onto the engine.




5. Screw out the oil filler cap ① counterclockwise;
6. In order to avoid overfilling the oil, the oil should be filled the several times in small amounts. Each time a small amount of oil should be filled and the engine oil level shall be checked (it takes a couple of minutes for the oil to flow from the filler to the oil pan);
7. When the oil level reaches the upper scale line in area B, stop filling the oil and tighten the oil filler cap clockwise;
8. Put away the rag and clean the surroundings of the filler.

## Maintenance

 Do not start the engine if the engine oil level exceeds the upper limit mark. Otherwise, the catalytic converter and engine may be damaged, and if the filling is too much, please eliminate the excess oil in time.

 Engine oil is highly flammable. When filling oil, be careful not to spill oil onto hot engine or exhaust system components.

### Replacement of engine oil


 Be sure to replace the engine oil regularly according to the Maintenance schedule.


Please go to the BAIC MOTOR franchised dealer to replace the engine oil.


If the vehicle is running in bad conditions, such as:


- Frequent short-distance driving.
- Long idling (e.g. taxi).
- Driving in dusty area.
- Often towing the trailer to drive.
- Driving in alpine and cold areas.


Then the maintenance frequency of relevant items must be increased or the maintenance interval must be shortened between regular maintenance.


 The color of new engine oil will change quickly after the engine runs for a period of time, which is a normal phenomenon. Replacing the oil in advance is not necessary.



 Dealing with waste oil is a highly specialized task that requires the corresponding professional knowledge and the necessary special tools. Recycling by BAIC MOTOR franchised dealer is recommended.


 Waste oil is extremely harmful to the environment and water. Do not pour waste oil into sewers or onto soil or lawns.


 Never mix engine oil of different models or brands.


 Underfilling the engine oil may damage the engine; Overfilling the engine oil can also damage the engine and catalytic converter.


 In winter or severe cold areas, the engine oil with stronger antifreeze ability that is suitable for the ambient temperature should be replaced to facilitate the low temperature start of the engine and good lubrication.


 After the oil pressure indicator lamp  of the engine is lit, continuing to drive, will seriously damage the engine.

 Do not replace the engine oil 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 can burn you.

 If the skin is stained with oil, it must be thoroughly cleaned.


 Do not add any other additives to the engine oil. Otherwise, the engine may be damaged.


 The oil filler cap must always be tight to prevent fire from spilling oil when the engine is running.


## Brake fluid


Brake fluid is used to transmit pressure in vehicle hydraulic brake system.


If the brake pedal stroke lengthens unexpectedly or the brake fluid level drops significantly, contact the BAIC MOTOR franchised dealer for maintaining brake system.

 The brake fluid is highly absorbent and should be stored in a closed container to prevent brake fluid deterioration.


 The brake fluid should be stored in a place where the child is not easily accessible. In case of accidental consumption of brake fluid, seek medical attention immediately.


 Avoid contact of brake fluid with skin or eyes. In case of accidental contact, rinse immediately with plenty of water and seek medical attention.

 The brake fluid will corrode the vehicle body paint, so the brake fluid splashed on the paint should be removed in time.

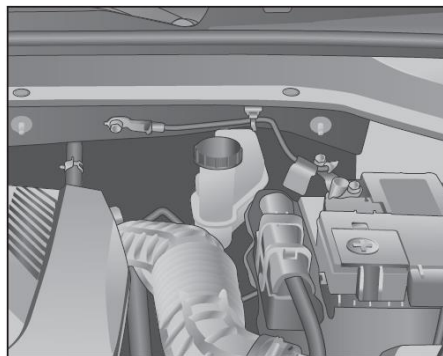
 Be careful not to splash the brake fluid onto the hot engine machine, as this may cause fire.

## Brake system fault / Brake fluid level warning lamp

If the brake system fault/brake fluid level warning lamp  lights up during driving, it indicates that the brake system is faulty or the brake fluid level is low.

 If the alarm light is on during driving, do not step on the brake pedal repeatedly. Stop the vehicle immediately when it is safe to do so and check the brake fluid level. If necessary, please contact the BAIC MOTOR franchised dealer to repair the brake system.

## Inspection of brake fluid level



Observe the marking line on the brake fluid reservoir.

"MAX": Brake fluid upper limit mark.


"MIN": Brake fluid lower limit mark.


The brake fluid level shall be located between the upper limit mark and the lower limit mark.


If the fluid level drops significantly in a short time, it indicates that the brake system leaks. Please contact the BAIC MOTOR franchised dealer to repair the brake system as soon as possible.

## Brake fluid supplement

If the fluid level is below the lower limit mark, the 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 the braking efficiency, lead to brake system failure.


 Please go to the BAIC MOTOR franchised dealer to supplement and replace the brake fluid.


 The brake fluid level must not exceed the "MAX" upper limit mark, so as to avoid spillage and corrosion of paint, contamination of parts, and even fire.


## Maintenance

### Replacement of brake fluid

To ensure a normal operation of the brake system, the brake fluid shall be replaced regularly according to the Maintenance Schedule. Please go to the BAIC MOTOR franchised dealer for brake fluid replacement.


 If the brake fluid is not replaced according to the specified time, the brake system may fail and cause serious accidents.

 If the brake fluid level is below the lower limit of the reservoir, please do not drive the vehicle to avoid accidents.


 If the brake fluid remains in the hydraulic system for many years and has not been replaced, the brake fluid will also deteriorate, and air resistance will be produced in the brake pipeline when braking, which affects the braking efficiency and driving safety, and may even cause the brake system to completely fail, thus causing accidents.



### Coolant

The coolant can be used for corrosion protection, cavitation and leakage prevention. It also prevents the radiator from boiling and prevents the forming of the scale and freezing etc. It can maintain the best operation condition of the cooling system and ensure the normal operation temperature of the engines.

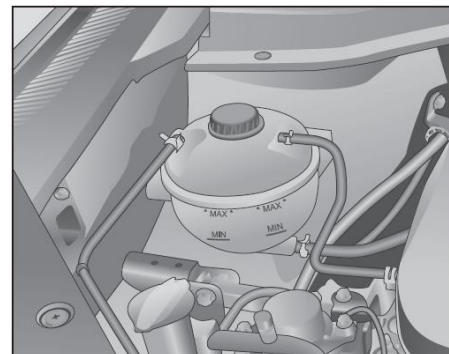
 It is forbidden to drive the vehicle without engine coolant. Otherwise it will cause vehicle failure.

### High engine coolant temperature warning lamp

If the engine coolant temperature warning lamp  is on during driving, it indicates that the engine coolant temperature is too high.

 In the case of engine coolant temperature is too high and warning lamp  is on, do not continue to drive; otherwise it will cause the engine to overheat and seriously damage the engine.

### Inspection of engine coolant liquid level



Check the fluid level of the coolant after the engine is cooling.

**MAX: the upper limit mark of the coolant.**

**MIN: the lower limit mark of the coolant.**

The coolant level shall be located between the upper and lower marks.


If the fluid level is lower than the lower limit mark, the specified model of coolant should be added in time.





### Engine coolant supplement


Check the fluid level of the coolant after the engine is cooling. If a small amount of the coolant is found to be missing, open the filler of the coolant tank and add the coolant between the upper and lower limit marks.

Check whether the vehicle cooling system at the BAIC MOTOR franchised dealer coolant is missing a lot or frequently.

 Before the engine machine is cooling, do not open the coolant tank filler cap, because the coolant temperature is very high, hot coolant or steam may be ejected, causing burns.


 Do not mix different types or brands of coolant and do not add other liquids or additives into coolant; otherwise the engine machine may be damaged.


 If the coolant in the coolant tank is faded or discolored, the coolant shall be replaced in time.

 Please go to the BAIC MOTOR franchised dealer to supplement and replace the engine coolant.

### Replacement of the engine coolant

Please refer to the "Maintenance schedule" to replace the engine coolant regularly, please go to the BAIC MOTOR franchised dealer for replacement.

 In winter or severe cold areas, the coolant with stronger antifreeze ability that is suitable for the ambient temperature shall be used to prevent the engine from being frozen.

 The coolant must be kept in an enclosed container and kept out of the reach of children.

### Check and replace the light Lamps fogging

In wet or cold weather, or when the vehicle is exposed to rain or after washing, the inner surfaces of the shade may appear very small water droplets, water mist or frost phenomenon. This situation is because the water vapor in the high temperature air in the lamps when cold condensation of the natural phenomenon, does not affect the normal use of the vehicle.


Light the lamps and drive for a while, or park the vehicle in a dry environment for a while. The moisture in the lamps will evaporate gradually, and the fog on the inner surface of the lampshades will dissipate along with it, or there may be residues only in non-functional areas such as lamp corners. This phenomenon will not affect the service life and lighting effect of vehicle lighting devices, and you do not need to replace the lamp assembly.


If the fog cannot dissipate for a long time, you can go to the BAIC MOTOR franchised dealer for inspection and repair.


### Replacement of lamps

Turn signal lamp, brake lamp and headlamp are related to the driving safety. Before driving the vehicle, check whether the vehicle light is in good condition.

Usually when replacing the bulb, some bulb need to be removed from the engine compartment to replace, this complex situation requires professional skills and tools, recommended to go to the BAIC MOTOR franchised dealer to replace the bulb.

 The bulb may be very hot when it goes out, so wait the bulb for cooling before replacing it.

 Do not touch the bulb directly by hand, use no fluff cloth wrapped, so as not to affect the lighting effect.


 LED light cannot be replaced separately, it is recommended to go to the BAIC MOTOR franchised dealer for inspection and replacement.


### Fuse

#### Description of fuse

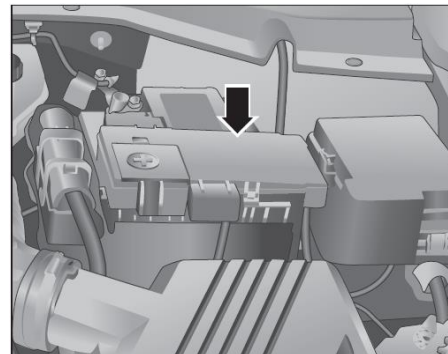
The fuse on the vehicle are distributed in three fuse boxes of the vehicle, namely positive fuse box, EJB and cockpit fuse box.

Unauthorized modification or installation of equipment on the vehicle may cause some electrical system of the vehicle to fail to work properly and even cause fire. When some electrical system cannot work properly, it may be that the fuse has blown out. If this happens, replace the fuse. After replacing the fuse, if the electrical system still does not work normally or the fuse blows out again, please contact the BAIC MOTOR franchised dealer to check the vehicle.

 Do not replace the fuse with a fuse higher than the rated amperage or any other object; otherwise it will cause serious damage and may cause fire.

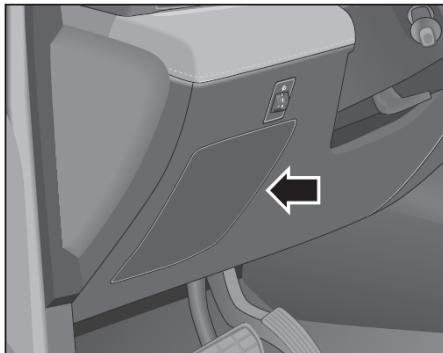
 If you do not have a fuse that matches the circuit in amperage, you should use a lower amperage fuse instead.

#### Positive fuse box



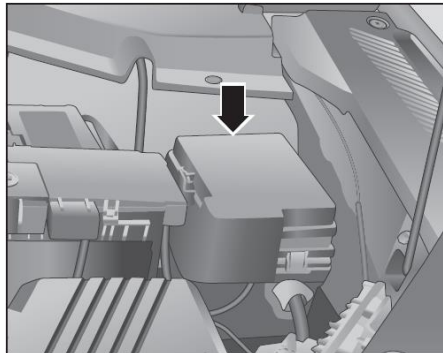
The positive fuse box is located to the left of the engine compartment and above the positive pole of the battery.

## IPJB



The IPJB is located at the lower left side of the instrument panel, and can be seen by removing the fuse box cover plate on the instrument panel.

## EJB

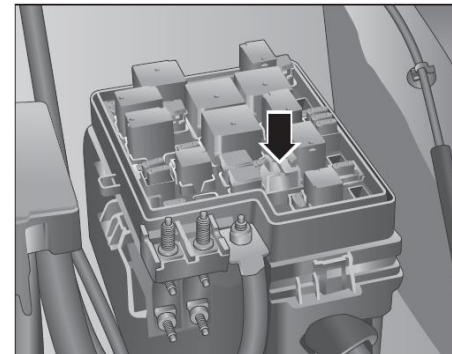


The EJB is located to the left of the engine compartment.

**Check and replace the fuse.**

If one of the electrical equipment on the vehicle stops working, you should first check whether it is caused by a broken fuse. The fuse specification and function sheet can be used to determine which fuse or fuses control the component.

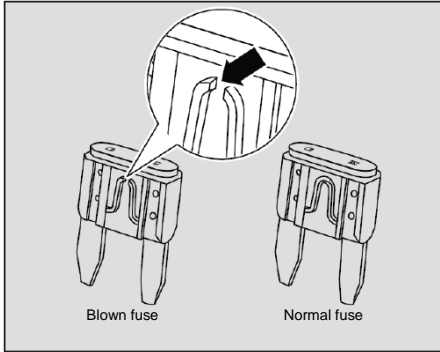
Before determining whether the damaged fuse is faulty, you can replace all the damaged fuses, and check whether the electrical equipment can operate normally. If there is still a fault, please contact BAIC MOTOR franchised dealer for maintenance.



## Maintenance

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Use the fuse puller on the fuse box cover to pull out the fuse.

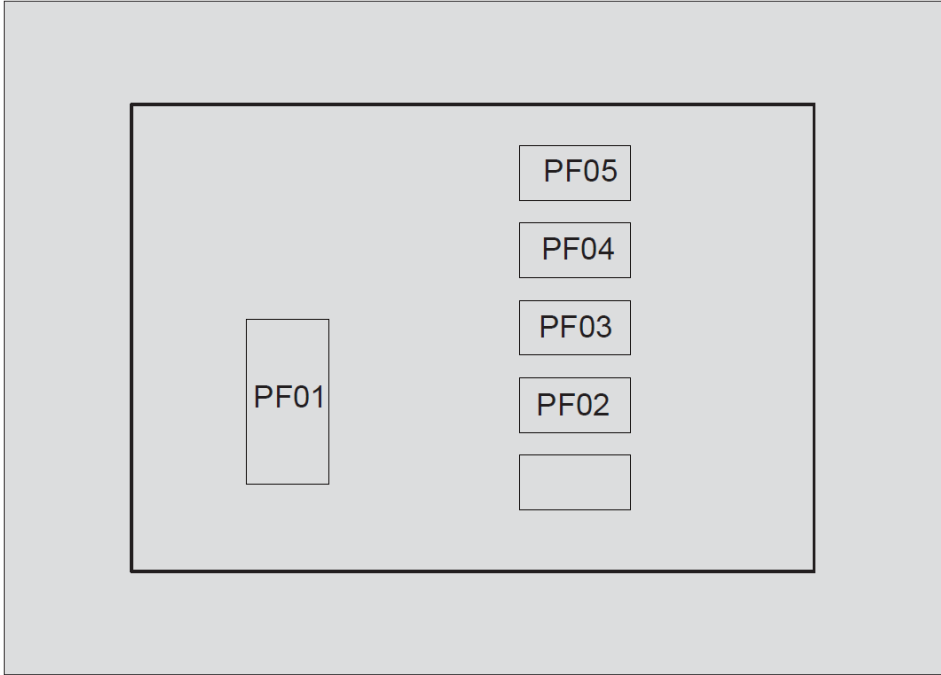



Pull out the fuse corresponding to the electrical equipment that has stopped working and check it.


Check whether the wire in the fuse is blown. If it is blown (the fuse has been disconnected in the figure), replace it with a spare fuse with the same or lower amperage.


Assignment of fuse location


Location of positive fuse box



 It is strictly forbidden to use other items to replace the fuse, so as not to damage the vehicle; otherwise, it may even cause fire or casualties.

 The use of inappropriate fuse may cause fire or injury.

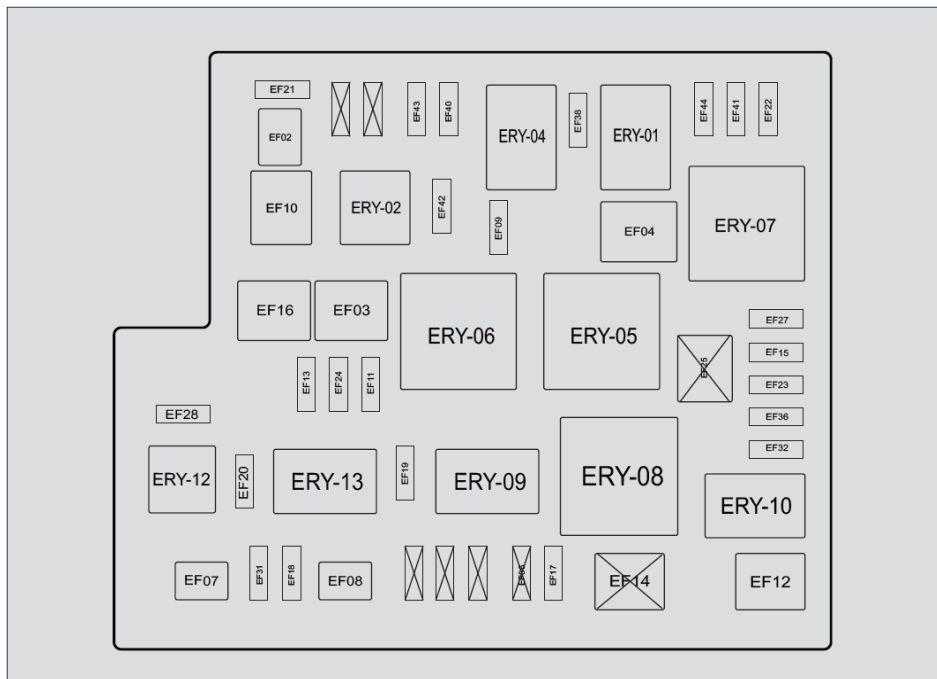
 The fuse may be slightly different depending on the vehicle models, and please check the real vehicle.


 Some electric consumers may have multiple fuses, or multiple electric consumers may share a single fuse.


**Specification and function of positive fuse**


No.	Specification	Protection circuit
PF01	350A	Generator, starter
PF02	175A	UEC
PF03	60A	PWM fan
PF04	80A	IEC1
PF05	80A	EPS


### Location of EJB



 It is strictly forbidden to use other items to replace the fuse, so as not to damage the vehicle; otherwise, it may even cause fire or casualties.

 The use of inappropriate fuse may cause fire or injury.

 The fuse may be slightly different depending on the vehicle models, and please check the real vehicle.

 Some electric consumers may have multiple fuses, or multiple electric consumers may share a single fuse.

**Specification and function of engine compartment fuse**


No.	Specification	Protection circuit
EF01	-	Reserved
EF02	30A	Starting supply
EF03	40A	ESP
EF04	40A	Blower
EF05	-	Reserved
EF07	30A	TCU UPS 2
EF09	30A	Rear defrosting
EF10	-	Reserved
EF11	20A	Vacuum pump
EF12	50A	IEC
EF13	15A	Horn
EF14	-	Reserved
EF15	5A	Rearview mirror heating
EF16	40A	ESP
EF17	10A	Washer
EF18	10A	EMS
EF19	25A	Wiper
EF20	25A	IG1
EF21	15A	TCU UPS
EF22	5A	IBS


No.	Specification	Protection circuit
EF23	5A	Brake switch
EF24	10	Rear wiper
EF27	30A	IG2
EF28	15A	Oil pump
EF31	-	Reserved
EF32	-	Reserved
EF36	10A	ADAS
EF38	5A	Start feedback signal
EF40	10A	Intake and exhaust OCV
EF41	15A	EMS
EF42	10A	Compressor
EF43	10A	Upstream and downstream oxygen sensors
EF44	15A	Ignition coil
ERY01	-	Main relay
ERY02	-	Compressor relay
ERY04	-	Starting relay
ERY05	-	Blower relay
ERY06	-	Rear defroster relay
ERY07	-	IG2 relay
ERY08	-	Low-speed wiper relay


No.	Specification	Protection circuit
ERY09	-	High-speed wiper relay
ERY10	-	Vacuum pump relay
ERY12	-	Oil pump relay
ERY13	-	IG1 relay


### Location diagram of IPJB



 It is strictly forbidden to use other items to replace the fuse, so as not to damage the vehicle; otherwise, it may even cause fire or casualties.

 The use of inappropriate fuse may cause fire or injury.

 The fuse may be slightly different depending on the vehicle models, and please check the real vehicle.

 Some electric consumers may have multiple fuses, or multiple electric consumers may share a single fuse.



**Specification and function of instrument panel fuse**

No.	Specification	Protection circuit
RF01	20A	Driver's electric seat
RF02	25A	Upstream fuse 1
RF03	30A	TCU*
RF04	15A	A/V
	20A	Infotainment domain control unit
RF05	25A	Sunroof
RF06	10A	Rain/light sensor, A/C control unit, four-door window regulator switch, vehicle traveling data recorder*, electric tailgate*, ETC*, electric seat*
RF07	10A	TBOX*, APA*, head-up display*
RF08	5A	RF module, central gateway Bluetooth module*
RF09	10A	CMRR_RL*, CMRR_RR*

No.	Specification	Protection circuit
RF10	10A	Instrument cluster, electronic shifter
RF11	20A	Driver's electric seat*
RF12	20A	Front passenger electric seat*
RF13	30A	Electric liftgate control unit*
RF14	20A	Driver's electric seat*
RF15	30A	Left front window regulator, left door module*
RF16	30A	Right front window regulator, right door module*
RF17	25A	Left rear window regulator
RF18	25A	Right rear window regulator
RF19	30A	Upstream fuse 2
RF20	20A	BDC external light power supply
RF21	15A	HSW*
RF22	15A	BDC external light power supply

No.	Specification	Protection circuit
RF23	10A	AI voice interactive light, wireless charging*, ambient light*, front passenger touch switch*
RF24	15A	BDC external light power supply
RF25	10A	Clock spring, OBD
RF26	5A	Central gateway
RF27	10A	BDC rearview mirror, back door lock, horn
RF28	10A	Electric exterior rearview mirror*
RF29	15A	TCU*
RF30	20A	Infotainment domain control unit*
RF31	15A	BDC external light power supply
RF32	20A	BDC door lock power supply
RF33	5A	Electronic shifter, middle channel switch
RF34	5A	Instrument cluster, BDC, GW
RF35	10A	Airbag control unit

## Maintenance







No.	Specification	Protection circuit
RF36	5A	Clock spring, TBOX*, APA*, UPA*, head unit*, infotainment domain control unit*
RF37	5A	A/C control unit, AI voice interactive light, rearview mirror anti-glare*, TEC*
RF38	5A	Electric exterior rearview mirror*
RF39	10A	ADAS MPC*、MRR*
RF40	5A	ESP
RF41	5A	EPS
RF42	5A	EMS `TCU
RF43	15A	12 V power supply (rear)
RF44	10A	USB POWER, driver seat*
RF45	10A	BDC, anion*, AQS*
RF46	-	Reserved


No.	Specification	Protection circuit
RF47	-	Reserved
RF48	15A	12 V power supply (front)
RF49~52	-	Reserved
RRY-01	-	Reserved
RRY-02	-	Reserved
RRY-03	-	Reserved


## Battery


### Warning on battery operation


#### Warning symbols and instructions for battery operation


1		Open flames, sparks, bright lights and smoking are prohibited in the workplace!
2		You must wear goggles when operating!
3		The child must be kept away from electrolyte and vehicle battery!
4		The battery electrolyte is a strong corrosive substance, and you must wear protective gloves and goggles when operating!
5		Be sure to read the battery manual carefully before starting the work!
6		The battery will produce explosive mixtures when it is charged.


 Do not let spark objects, flames or sparks near the battery.

 Do not short-circuit the battery terminal, or the high-energy spark generated by the short circuit may injure the operator.

 If acid splashes into your eyes, rinse with clean water immediately for a few minutes, and then get medical attention immediately. If the acid is splashed on the skin or clothes, it should be immediately blotted off with a dry rag, and then rinsed with soapy water and water. If acid is ingested by mistake, seek medical attention immediately.

 Before operating the battery, you should touch the vehicle body to eliminate any electrostatic accumulation, so as to avoid sparks, which may ignite highly explosive battery gas.

 The acid in the battery is highly corrosive, so you should wear protective gloves and glasses. Do not turn over the battery; otherwise acid may flow out of the vent.

 The child should be kept away from acid and battery.

### Instruction of environmental protection



The battery contains contaminants. It may violate laws to dispose of battery together with household garbage. Battery must be collected separately and recycled in an environmentally friendly manner.



Please dispose of battery in an environmentally friendly manner. Send the exhausted battery to the BAIC MOTOR franchised dealer or a dedicated waste battery recycling site.

### Maintenance of battery

#### Inspection of battery


1. Check whether the battery is well-fixed;
2. Check the battery positive and negative cable connectors for looseness and corrosion;
3. Check whether the insulation layer of battery positive and negative cable is damaged;
4. Keep the battery dry and clean to prevent blockage of the battery vent.


## Maintenance

If the vehicle needs long-distance driving or the battery has been used for more than one year, you should go to the special dealer of BAIC MOTOR franchised dealer to check the battery power.

### Battery charging

If the vehicle is left unused for a long time, or started frequently, or often driven for short distances in cold conditions, it may cause the low battery power, failure to start the vehicle, and in this case, the battery needs additional charging. Please go to the BAIC MOTOR franchised dealer for charging.

 When the battery is not removed, do not charge the battery; otherwise the electrical components of the vehicle may be seriously damaged.

 If the battery is frozen in cold conditions, do not try to charge the battery, because there is a risk of explosion.

### Protection in winter

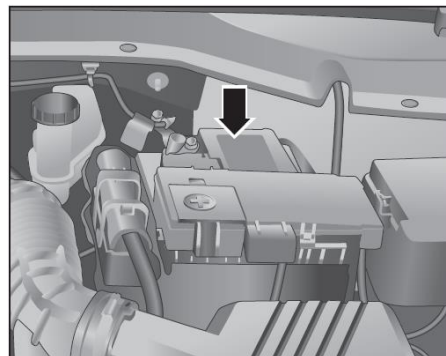
Because the battery can provide less starting power at low temperatures than at room temperature. Therefore, before the winter's coming, it is best to check the vehicle battery at the BAIC MOTOR franchised dealer, and charge or replace the battery if necessary.

In particularly cold weather conditions, it takes longer time to charge the battery, and if the battery is undercharged, the battery electrolyte will be frozen and damage the battery. In order to ensure the effectiveness of the battery, it should be checked regularly.


If the vehicle is parked in extreme cold for a few weeks or longer, the vehicle battery should be removed and stored indoors at room temperature to protect the battery from damage.


### Replacement of battery


Be sure to carefully read and follow the safety warnings for the battery before starting the work.




When replacing the battery, make sure that the battery is installed correctly. Ensure that the battery tray and platen are properly secured to prevent the battery from moving during accidents or emergency braking.

 When removing the battery, first disconnect the intelligent battery sensor (IBS) connector, then remove the negative cable, and then remove the positive cable. Turn off all electric consumers in the vehicle before reconnecting the battery. Connect the positive cable first, and then the negative cable.

 Only the batteries made by the original manufacturer can be used for replacement. Replacing batteries of a non-standard model may cause information errors in the battery sensor, which may cause battery malfunction.

 Removal and installation of battery requires a certain amount of expertise, as in some cases the battery and fuse box may be damaged. It is recommended to replace the battery at the BAIC MOTOR franchised dealer.

 Suggestions on battery maintenance and prevention of abnormal power consumption:

- After stopping the engine, make sure that all doors are closed and lamps are turned off, and the vehicle is locked in time, which is the most power-saving mode of the vehicle in anti-theft state.
- If the engine is not started, avoid using the electric consumers (in-vehicle A/V, lamps, 12 V power outlet, A/C, etc.) for a long time to prevent low battery power and the engine from starting.
- If the vehicle is not used for a long time, it is recommended to remove the negative terminal of the battery to avoid low battery power caused by static current of the vehicle.

- If the daily mileage is very short or long-term night driving, it is necessary to regularly charge the battery outside the vehicle safely.
- It is forbidden to modify or add vehicle electric consumer without permission, so as to avoid low battery power damage caused by adding extra static current.
- If you find it is difficult to start the vehicle, you should timely go to the BAIC MOTOR service center for professional detection of the battery and charging safety of the battery outside the vehicle; otherwise if the battery is short of electricity for a long time, the service life will be greatly shortened.

## Wheel and tire

### Visual inspection of wheel

#### Visual inspection of wheel and tire

Check all wheels before driving, and regularly check the tire for any bulge, scratches, abnormal wear, cracks, nails, etc. If the above phenomena occur, please contact the BAIC MOTOR franchised dealer for inspection and replacement.

Tire damage is not easy to be found, if the vehicle involves abnormal vibration, noise or deviation, there may be a tire fault, at this time you should stop immediately while ensuring wheel safety, and check the wheel and tire for damage. Contact the BAIC MOTOR franchised dealer for maintenance if necessary.

Common causes of tire damage:

- To strike or rub against a curb.
- Drive quickly through deep holes on the road.
- The tire pressure is too low or too high.

## Maintenance

Regularly check the tread pattern depth and tread condition. If the tread pattern depth is too low, it will reduce the adhesion of the tire. Especially on wet and slippery roads, it can increase the risk of hydro-slippage and seriously affect the driving safety.

### Inspection of wheel dynamic balance

The wheels have been dynamically balanced at the factory, but there are many factors that can affect wheel balance during the use of the vehicle.


Dynamic imbalance of wheel will lead to wheel swinging, abnormal wear of tire, and affect the stability of driving. Therefore, you should regularly check the dynamic balance of the wheels at the BAIC MOTOR franchised dealer.


### Tire replacement


If one of the following conditions occurs, a new tire needs to be replaced:


- The tire wear indicator has worn.
- The cord or cord fabric in the tire rubber can be seen.
- Tread or tire wall cracks, the crack is deep enough to see the cord fabric or cord.


- Tire bulge, bulge or delamination.
- the tire is punctured, scratched or damaged in the other ways, and the size and location of the damaged part are difficult to repair.
- The tire age (including spare wheel) from the date of manufacture reaches 6 years.


 After replacing the tire, adjust the tire pressure to standard value and initialize the tire pressure monitoring system (if equipped) (see "tire information").

 Never use old tires of unknown origin, because such tires may have been damaged although they have no visible damage accidents, and may lead to loss of control of the vehicle when driving and cause a traffic accident.

 The mixed use of tires of different brands, different constructions (radial tires and bias tires), different sizes and different patterns will adversely affect the braking and maneuverability of vehicles, and may cause accidents.

 New tire may not achieve the best road adhesion in the first 500 km mileage, so the vehicle should drive carefully in appropriate vehicle speed and run-in of new tire well to prevent accidents.

 Tire will age with time, even if it is not used. Regardless of the remaining tread depth of the tire, it should be replaced after the tire age reaches 6 years.

 Frequent driving in hot environment or overload will lead to overheating and accelerated aging of tires, and the service life of tires will be reduced. Tires should be checked more frequently to prevent sudden bursting of tires and accidents.

### Accidental flat tire handling

In case of a flat tire, the following measures are recommended.


- If a front tire bursts, the vehicle will deviate to that side under the drag of the flat tire. At this point, you should immediately release the accelerator pedal, hold the steering wheel tightly to control the steering, keep the vehicle in its original lane and lightly press the brake pedal, stop the vehicle in the emergency lane or a safety location, change the spare wheel to the rear wheel and then install the rear wheel onto the faulty front wheel.


- If a rear tire bursts, the vehicle may have abnormal vibration and noise during driving, but the steering can still be controlled. At this time, the accelerator pedal should be loosened, and the steering wheel should be turned to the direction where the vehicle is expected to run, so as to maintain the control of the vehicle, and the brake pedal should be lightly stepped on to park the vehicle in the emergency lane or in a safe position, and then the spare wheel should be replaced.


### Rim replacement

If the rim is distorted, cracked, corroded, or badly bruised, the rim should be replaced. If the tire leaks are caused by the damage of the rot, the rim should also be replaced (except for some repaired aluminum rim).

The new rim shall have the same load capacity, size, offset distance and installation dimensions as the original rim of the wheel.

 Using out-of-spec rim can also cause problems in bearing life, brake cooling, odometer and odometer calibration, vehicle ground clearance and the clearance between the tire or the tire chain with the body and the chassis.

 Improper use of the rim will affect the vehicle's brake and handling, and may cause the tire out from the rim to make the vehicle out of control, causing an accident.

 It is also dangerous to replace the vehicle with an old rim. Because there is no way of knowing how the old rim has been used or how many miles it has been driven, there may be hidden cracks that can cause accidents when driving.

### Tread wear mark



The original tire is marked with abrasion on the bottom of the tread pattern, distributed around the circumference of the tire. If the tread is worn to the wear mark, replace the tire at this time.

Check that all wheel are fitted with valve caps and that the valve are not dirty or leaking. Do not install any parts on the valve.

Check the condition of the rim, if the rim is distorted, cracked, corroded or seriously scratched, it should be replaced in time. If the wheel nut is often loosened, the wheel and wheel nut should be replaced.

## Maintenance

⚠ After the tires are bulged, cracked, etc., they cannot continue to drive, because the tire may burst during the driving process, which will cause traffic accidents and cause personal injury.

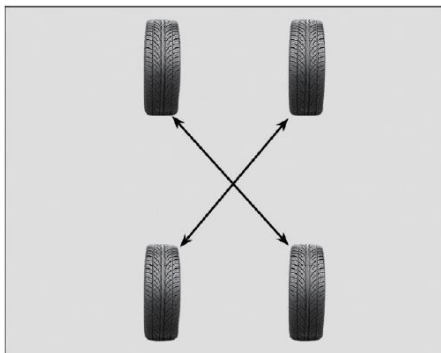
### Tire transposition

The purpose of regular tire rotation is to make all tire wear evenly and prolong the overall service life of the tire. The tire rotation should be carried out every 10,000 km.

Before tire rotation, check whether the tires and wheels are damaged. If not, carry out tire rotation and wheel alignment.

👁 During tire rotation, the front wheels should be kept in a better state.

👁 If a tire is worn unevenly or excessively, wheel alignment should be conducted at the BAIC MOTOR franchised dealer.



The tire rotation shall be carried out diagonally. The spare wheel is not subjected to tire rotation.

After tire rotation, ensure that all wheel nut are tightened to  $110\pm 10$  N·m. Adjust the tire pressure of all wheel to the specified value. After the vehicle travels 1000 km, recheck the wheel nut for tightness.

⚠ The dirt on the joint surface of wheel and brake disc may cause the wheel nut of loosen, resulting in the wheel falling off and causing traffic accidents. Therefore, when the wheel is replaced, the rust or dirt on the joint surface of the wheel and the brake disc should be removed.

### Tire information



Check the vehicle tire letter for the tire model and size you need.

The tire of the same brand, specification, model, size, pattern and newness must be used on the same axle.



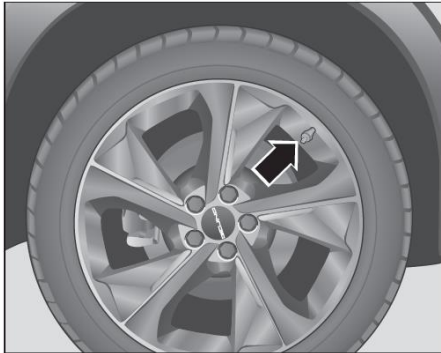
## Check and adjust the tire pressure

### Tire information sign

On the left C-pillar, there is a data sign about tire information, which can be seen by opening the left rear door. Inflate according to the tire pressure specified on the data sign.

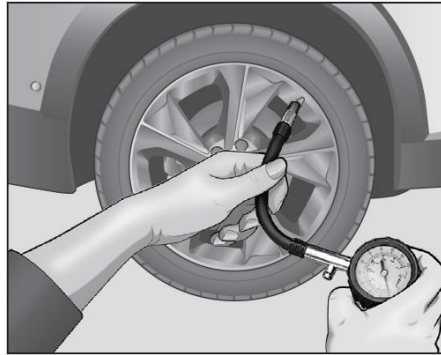
### Tire pressure gauge checks tire pressure

A tire pressure gauge can be used to check the tire pressure when the tire is cold.



1. Unscrew the valve cap counterclockwise from the tire valve, and check the valve for air leakage with soap solution;

**i** Add some household washer fluid to the valve and observe whether there are bubbles. If bubbles appear, it indicates that there is air leakage.



2. After the tire pressure gauge is pressed against the valve, the tire pressure gauge will show the tire pressure;
3. Check and adjust the tire pressure until it meets the standard value. See "tire information signage" for tire pressure criteria.

After checking, be sure to put the valve cap back on the valve and initialize the tire pressure monitoring system.

**i** After the vehicle has been driven for a while, the tire pressure should rise 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 meet the standard; otherwise the tire pressure will be lower than the standard when the tire is cold.

**⚠** The tire will continue to deform when the vehicle continues to run at high speed if the tire pressure is obviously insufficient, which easily leads to tire overheating and results in tire burst.

### Tire pressure correction

Appropriate tire pressure can prolong the service life of the tire and improve the driving comfort, fuel economy and handling stability of the vehicle.

When the tire pressure is too low, it will exacerbate tire wear, greatly affect the handling stability and fuel economy of the vehicle, and increase the risk of tire failure. Excessive tire pressure will cause the vehicle to run unevenly and the tire to be worn unevenly, thus reducing the service life of the tire.

## Maintenance

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Check the tire pressure at least once a month. Check the tire pressure (including the spare wheel) after driving on rough roads or before long-distance driving. The spare wheel pressure shall be 4.2 bar.

When checking the tire pressure, the tire must be in a cold state. Cold tire means that the vehicle has not been driven for at least three hours, or the driving does not exceed 1.6 km.

Refer to "tire information signage" for cold tire pressure.

### Long-term parking of vehicle

#### Parking place

When the vehicle needs to be parked for a long time, try to park it on a flat road. It is recommended to park the vehicle in a dry and ventilated environment away from heat source, and cover it with vehicle clothes, which will help slow down the aging of rubber parts and paint.

When the vehicle is not used for more than a month, the battery negative cable shall be disconnected, and the battery shall be charged once a month.

If the vehicle is not used for a long time and the battery is not charged, the battery will fail due to self-discharge.

#### Ambient temperature

To maintain good performance of the vehicle, avoid exposing the vehicle to high or low temperatures for long periods of time.

#### Software upgrade

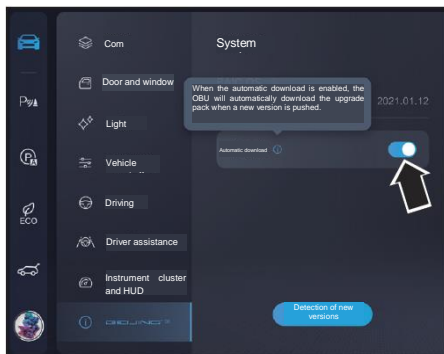
The vehicle supports software upgrade of mobile communication networks and provides the latest functions for vehicle. Considering the information security and the normal use of the software upgrade function, please turn off the Wi-Fi network and use the vehicle's own network for operation before software testing, updating, downloading and upgrading.


When you receive a new version upgrade prompt, we recommend that you install the available software upgrade as soon as possible. During the software update, some functions of your vehicle may not work normally, which is normal. Please wait patiently. Some software updates may take a long time (about 2 hours at most). Please read the Software Update Instructions carefully and make a plan for using the vehicle.


When there is a new version of the software to upgrade, the center control entertainment display "BEIJINGOS" will have a small red dot. If no download or upgrade operation is performed, a message will indicate that there is a new software update that needs to be downloaded or upgraded after ignition or shutdown.

#### Software downloading

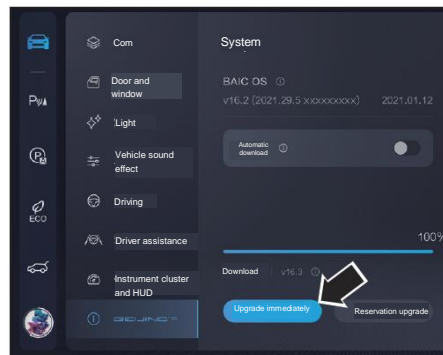
The vehicle will automatically receive the upgrade push if you have an Internet connection. In case of "Automatic download", it will be automatically download after startup of the engine. You can also check the center control display status bar. When you click other buttons to switch pages, the download will enter the background. When the "automatic download" is not open, you can enter the "BEIJINGOS" interface to download.



 You can't download the update until the engine is started.

 BAIC MOTOR will offer you two years of unlimited data plan, in addition to meeting the demand of entertainment audio and video, there are 12 G data for OTA upgrade.

## Software upgrade




You can choose the following upgrade methods. Reservation upgrade is recommended to reduce your waiting time.

- Reservation upgrade: click the reservation upgrade button to set the upgrade time. If the scheduled upgrade time arrives, the vehicle is in use, and the reservation time will be automatically postponed for 24 hours.
- Upgrade immediately: Click the upgrade button, before upgrading, you need to park the vehicle in the safety position, confirm that the vehicle is in P gear, power mode OFF.

- Mobile APP remote upgrade: Before upgrading, you need to park the vehicle in the safety position, confirm that the vehicle is in OFF and locked.

After the upgrade is successful, the successful upgrade interface will be displayed, and the vehicle automatic will be powered off.


If the update is abnormal, please contact BAIC International Development Co., Ltd. Service Hotline:

 Before upgrading, ensure that the vehicle:


- Park in the safety area (vehicle do not wait for traffic lights, emergency exits, etc. to upgrade);
- The vehicle is in the OFF position;
- The gear is in P;
- Turn off the remote control function;
- During the upgrade process, some functions of the vehicle cannot work properly. The center control display may restart or in a black screen state, the door cannot be unlocked, the A/C cannot be turned on, the window cannot be lifted or lowered, the wiper may not be adjusted, etc. These above-mentioned phenomena are normal, please wait patiently.

### GPF\*


GPF is a component of the exhaust emission reduction system provided for vehicles. It can trap tiny particulates before they enter the atmosphere, reducing atmospheric pollution.

 High temperatures will occur in regeneration process. Do not install flammable materials on exhaust pipe, GPF or heat shields. Otherwise, it is easy to cause fire accidents.


### Indicator lamp needs to be repaired


If the vehicle is started, the GPF needs to keep the maintenance indicator lamp  on, the instrument cluster prompt "GPF saturation, the user to go a 4S workshop for parking regeneration". It indicates that the GPF is faulty. In this case, please contact the BAIC MOTOR franchised dealer to inspect and repair the GPF as soon as possible.



### Regeneration procedure


During driving, when the GPF reaches certain conditions, the vehicle will open automatic the Regeneration program when it meets the driving condition. At this time, the instrument cluster will display the prompt "GPF active regeneration, users do not need any operation", and the indicator lamp  in the instrument cluster is on during regeneration of the particle trap. The regeneration procedure will fully burn the particulate, so that the GPF is in a stable and efficient state. During the regeneration process, it is recommended to follow the following driving conditions to drive the vehicle until the alarm prompt information is eliminated and the regeneration is completed (for easy viewing, do not block the alarm prompt message during the period).


- Try to drive at a constant speed on the road with good road conditions, while keeping the gear in 3rd gear and above, and the vehicle speed is greater than 80 km/h.
- Avoid engine idling.
- Avoid parking or shutting down the engine.

 Gasoline complying with the national regulations and standards must be added, and avoid the use of fuel additives. Prevent the increase of particulate or poisoning of catalytic converter due to oil quality problems.

 Please change with the oil of the specified grade regularly.

 If the driving condition is not satisfied, the vehicle cannot automatically start the regeneration procedure for a long time, but the instrument cluster GPF needs regeneration, and then the indicator lamp  comes on. The instrument cluster prompts "GPF needs regeneration, it is recommended to run the vehicle at a high speed or go to the service station for treatment". At this time, you need to start the vehicle until the water temperature reaches the normal working temperature (the bar should indicate near the middle), according to the driving condition in the regeneration procedure, drive the vehicle to enable the regeneration procedure. Failure to follow the above operation will affect the normal operation of the engine and GPF, and may cause damage to the vehicle components.

 Please observe all traffic regulations during the automatic regeneration procedure.


 Please observe the following recommendations during daily driving:


- Avoid the engine from running for a long time or frequently at low speed with large throttle.
- Avoid long-term or frequent idling of the engine.
- Avoid frequently stopping or shutting down the engine.
- Avoid frequent short-distance driving.


## Accessories and modifications


Before installing accessories or replacing parts Consult the BAIC MOTOR franchised dealer. It is recommended that you always use accessories and parts approved by the company. Improper modification may seriously damage the vehicle performance, even causing serious accidents, such as:

- Installing larger or smaller wheel will affect normal work of the vehicle's ABS (ABS) and other system.
- Modification of steering wheel and other safety facilities may cause failure of relevant system.
- Installing other accessories at the rails on both sides of the roof will impede the normal operation of the side curtain airbag.

 Modifications to the front of the vehicle may impair the pedestrian protection of the vehicle.

 Improper attachment or modification may weaken the protective effect of the SRS and even cause fatal injuries.

 Installing accessories such as beverage cup holders and telephone holders on the SRS's housing or within the SRS's scope can cause serious personal injuries when the airbag is deployed.

 Do not coat the exhaust pipe, catalytic converter and heat insulation board with bottom protective layer or anticorrosive material, so as not to affect the heat dissipation.

**It is forbidden to install other high-power electrical equipment other than those in the original configuration.**



The addition of high-power appliances other than the rated power will cause the wiring harness to heat up and short circuit due to excessive load, which may cause a fire.

**When installing vehicle traveling data recorder, navigation system and DVD player, do not change the harness at will.**



During installation of harness, wiring with high internal resistance will generate high heat, which may cause fire.

**The use of high power bulbs is prohibited**

If a bulb that exceeds the rated power is used in order to make the light brighter, the harness will be overloaded, which may lead to a fire.

### Recycling and environmental protection

#### Material recycling

##### Plastics

The plastics and rubber parts are marked according to the current regulations. To facilitate recycling, the range of materials used has been limited: most plastics are thermoplastics that can be recycled by melting, granulating and crushing.

##### Metal

100% recyclable.

##### Glass

After removal, they can be processed by the glass manufacturer centrally.

##### Rubber

After the tire and the seal ring are crushed, they can be used as waterproofing membranes, rubber tracks, etc.

#### Environmental protection

Consigning your vehicle to a BAIC MOTOR franchised dealer for maintenance will help you control all kinds of pollution hazards and help you protect the environment.

##### Scrapped or damaged parts

It cannot be thrown at will, and the BAIC MOTOR franchised dealer has recycling and environmental protection measures.

##### Abandoned oil/fluid

BAIC MOTOR franchised dealer is responsible for collecting and handling the problem, and you can entrust the dealer with replacement to control various pollution hazards.

##### Waste battery and battery

Do not throw away battery and remote control battery. They are harmful to the environment. Please hand them over to the approved collection points.

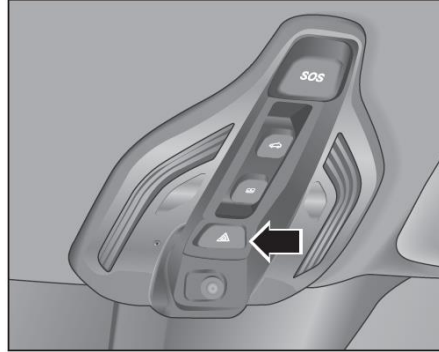
## Emergency rescue

### Emergency call for help \*



When the vehicle fails, open the SOS touch-proof cover and press and hold the red emergency rescue button to trigger the emergency rescue call.

## Hazard warning lamp




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

The hazard warning lamp should be turned on in case of any of the following:

- When the vehicle breaks down due to technical failure.
- When the vehicle is blocked by traffic and is at the end of the train.
- In case of emergency.
- When towing another vehicle or being towed, it will flash at the same time.

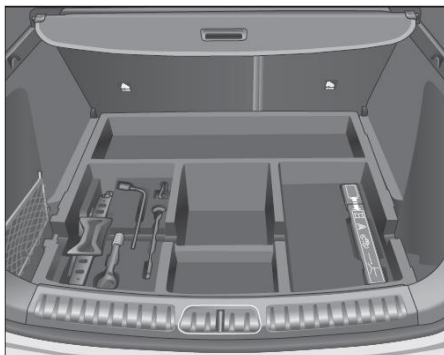
The hazard warning lamp will work even when the boot/stop button is in the "OFF" mode.

If you want to turn off the hazard warning lamp, just press the hazard warning lamp switch again.

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

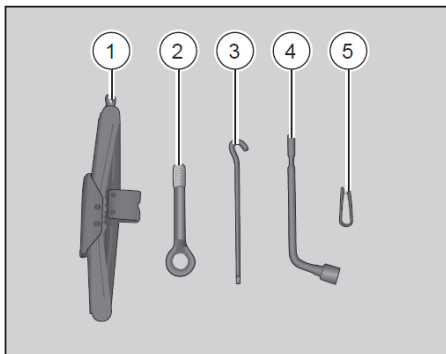
## Emergency treatment

### Driver's tools



The driver's toolbox is located under the trunk lid. When using, please open the trunk lid, and pull up the trunk lid handle until the trunk lid reaches the highest point.

**i** After using the driver's toolbox, it should be put away, so as not to cause abnormal noise, convenient for the next use.



Open the tool box and the available tools are as follows:

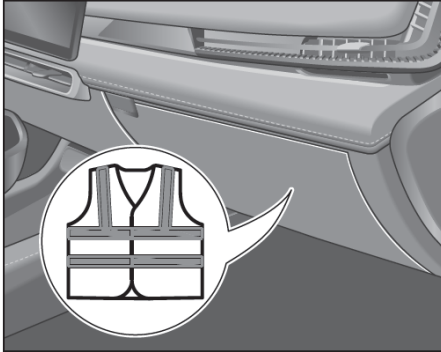
- ① Jack assembly
- ② Towing hook
- ③ Jack rocker
- ④ Wheel nut wrench
- ⑤ Wheel nut cover removal tool

**⚠** Improper use of jack assembly may cause serious injury.

- The jack assembly is specially designed for the emergency to replace the wheel, and 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 of this vehicle. Do not use it to lift other heavy objects or vehicles.
- The jack assembly should only be used on flat and solid ground.
- When using the jack assembly, do not start the engine; otherwise it is easy to cause accidents.
- If operation must be carried out under the vehicle, suitable protective supports shall be placed under the vehicle.
- When lifting the vehicle with the jack assembly, remember not to place any part of the body under the vehicle to avoid accidents.

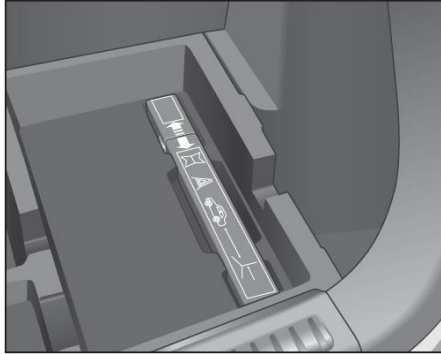


## Reflective vest

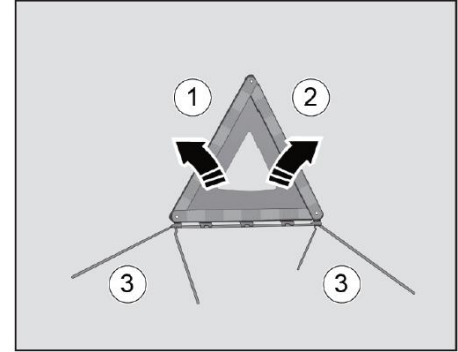


The glove box is equipped with reflective vests for the driver and crew when handling vehicle malfunctions at night or in low visibility conditions to improve recognition when outside the vehicle.

## Warning triangle



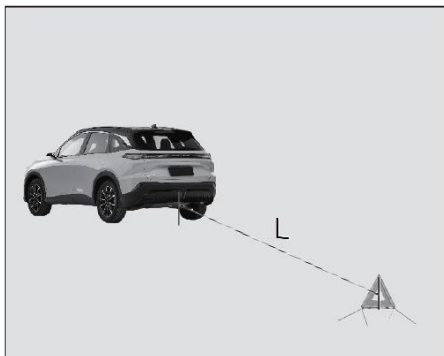
The warning triangle is fixed under the floor mat of the trunk. When using, please open the trunk lid, and pull up the trunk lid handle until the trunk lid reaches the highest point.



Pull out the two hems of the warning triangle during use

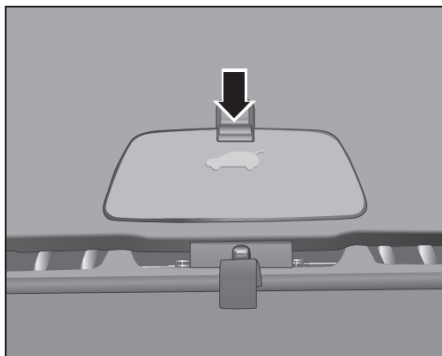
① and ② and fasten the upper locking clip. Pull the four bottom brackets ③ apart and place them on the ground behind the vehicle with the reflective warning triangle facing back.

### Emergency opening of trunk

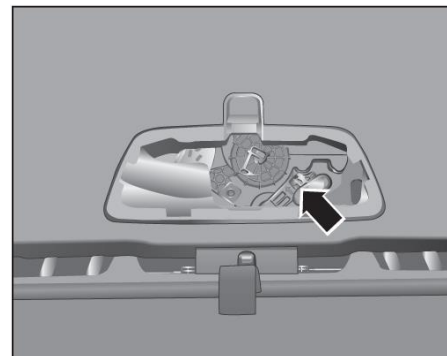


Road type	General highway	Expressway
Placement distance L	50-100m	≥150 m

**i** This is only a guide. Please place the warning triangle at the distance specified by traffic regulations.



1. Fold the rear seats into the inside of the trunk, and at the middle of the lower part of the trunk lid, pull down and remove the trunk lock cover;





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


## Jump start


If the vehicle engine cannot be started due to excessive discharge of the battery, the battery of other vehicle can be used to start the engine by jumper cable, meanwhile the following points should be noted:

- The rated voltage of the power supply battery must be above 12 V, and its capacity (Ah) cannot be lower than the fault battery.
- Use only jumper cable with a sufficiently large cross-section.
- Only use jumper cable with insulated electrode clamps.

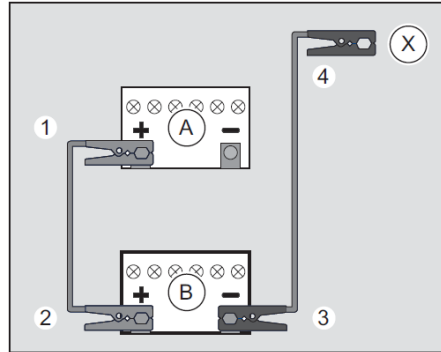
 The two vehicles cannot touch each other during jump start. Otherwise, once the positive terminals of the two batteries are connected, the current will be immediately connected, which will be dangerous.

 Before starting the battery operation, it is important to carefully read and follow the safety warning instructions related to battery operation.

 There may be explosive hydrogen gas near the battery. The battery must be kept away from spark and open flames.


 Do not charge the frozen battery, as there is a risk of explosion! Even thawed battery, during charging, the battery acid may overflow, causing corrosion damage. The frozen battery must be replaced.

When jumping the battery, the positive terminal must be connected first, and then the negative terminal.



1. Turn off the start/stop button;
2. Connect one end ① of the red cable to the positive (+) of the dead battery "A";


3. Connect the other end ② to the positive (+) 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 cylinder block of the dead battery "A" or the metal part fixedly connected with the engine cylinder block;
5. Start the vehicle with the live battery, idle it, and then start the vehicle of the dead battery. After the vehicle with a dead battery has been started, it needs to run for a while to allow the alternator to charge the battery.


 If the jumper cable is used improperly, it may cause the battery to explode and seriously injure people.

- The engine compartment is a high-risk area, and improper operation is likely to cause casualties
- Never connect the negative jumper cable directly to the negative terminal of the faulty battery; otherwise the spark generated at the moment of cable connection may ignite the combustible gas produced by the battery and cause an explosion accident.

## Emergency treatment

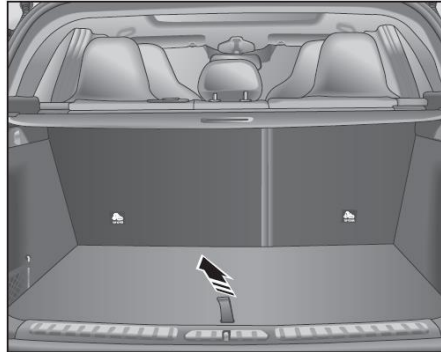
- Do not connect the negative jumper cable to any part of the fuel system or pipeline, as there is a risk of fire.
- Do not bend close to the battery during operation to avoid being burned by the acid.
- Do not let open flame be close to the battery; otherwise it will cause explosion.

 When connecting or removing the jumper cable, first completely connect or remove one jumper cable, and then connect or remove the other jumper cable, and do not cause short circuit.

 When removing the jumper cable, idle the faulty vehicle engine to prevent stalling.

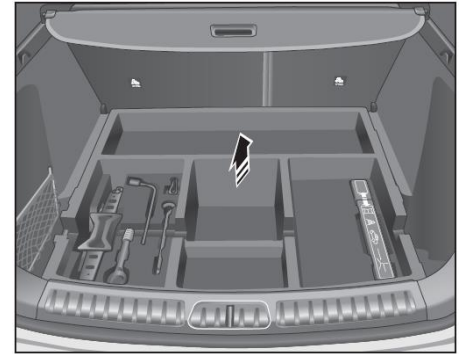
## Replace with the spare wheel

Spare wheel

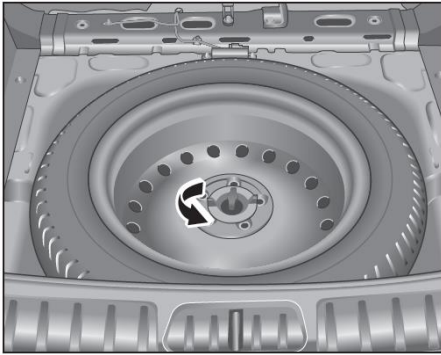


Place the spare wheel under the trunk lid, and take it out as follows:

1. Open the trunk lid;
2. Lift up the trunk lid handle;



3. Lift the trunk lid upward completely and take out the driver's toolbox;



4. Unscrew the special-shaped fixing screw in the center of the spare wheel counterclockwise by hand and take out the spare wheel.

👁 The spare wheel can only be used for a short time. The maximum vehicle speed should not exceed 80 km/h.

👁 Never use two or more spare wheels when driving.

👁 The rim and tire dimensions of the spare wheel may differ from the damaged wheel. The handling of the vehicle will change when the spare wheel is installed. Please control the vehicle speed reasonably to avoid abrupt acceleration and emergency braking.

### Replace with the spare wheel

If a tire is found to be burst, punctured, bulge or leakage, drive slowly to a flat and safety place to replace with the spare wheel to avoid further damage to the tire and rim. At the same time, turn on the hazard warning lamp and place the warning triangle at a prescribed distance behind the vehicle.

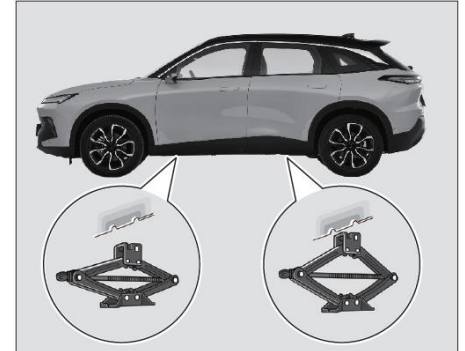
⚠ There is a danger in changing the wheel. The vehicle may slip from the jack assembly, overturn and press on the operator or others, causing serious injury or death. Please replace the wheel on a safe, flat and solid ground. Relevant regulations must be strictly observed, and all occupants must leave the vehicle and wait in the safety position.

⚠ In order to prevent the vehicle from moving, the following measures should be taken:

- Apply the parking brake.
- Set the gearshift lever to the "P".
- Turn off the engine. Do not start the engine during lifting of the vehicle.

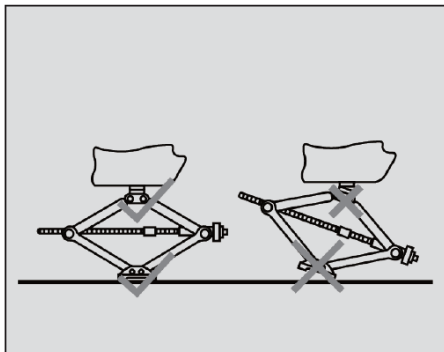
- Do not leave anyone in the vehicle.


### Remove the faulty wheel



1. Place appropriate blocks in front of and behind the wheel diagonally opposite to the faulty wheel to prevent the vehicle from moving during jacking;
2. Place the jack assembly at the correct support point. Ensure that the jack assembly is placed on a flat and solid ground;

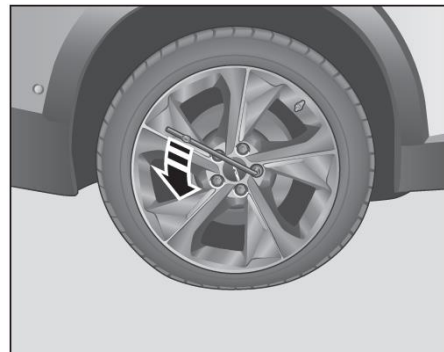
## Emergency treatment




 And make sure the jack assembly lifts the vehicle upright.



3. Rotate the jack rocker so that the notch of the jack head is stuck at the body support point, but do not lift the vehicle;
4. Place the spare wheel under the body on the side of the faulty wheel for prevention;



5. Remove the wheel nut cover with the wheel nut cover remover;
6. Unscrew the faulty wheel nut counter clockwise with a wheel nut wrench;

 Before jacking up the vehicle completely, the nuts of the faulty wheel shall be loosened. Do not remove the wheel nut until the wheel is off the ground.



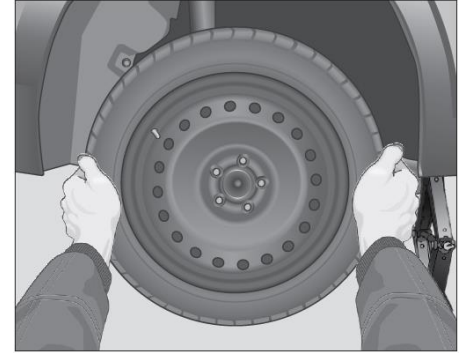
- ⚠ Do not jack up the vehicle out of specified support points.
- ⚠ Do not put any shim on or under the jack assembly.
- ⚠ Do not use the jack assembly not provided for this vehicle.
- ⚠ Do not jack up the vehicle too high.
- ⚠ Observe the vehicle continuously during lifting. If you feel obvious inclination or abnormal movement of the body, stop lifting, find out the problem, and then lift it again.

#### Install the spare wheel

- ⚠ Do not use spare wheel that has been damaged or has reached the wear limit. Try to avoid using the tire used for more than six years.
- ⚠ After installing the spare wheel, check the tire pressure and adjust it to the specified range.

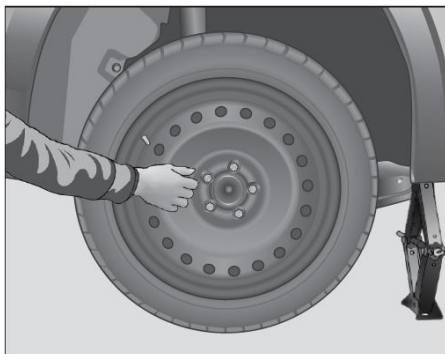
7. Rotate the jack assembly clockwise to lift the vehicle until the faulty wheel is off the ground;
  8. Remove the wheel nut, then remove the faulty wheel, place the faulty wheel in a suitable position under the vehicle with the outer surface facing up and replace with the spare wheel.
- ⚠ When the vehicle runs, the heat generated by the use of the brake system will cause the wheel nut to be hot. Be careful of scalding when removing the wheel.
  - ⚠ Strictly observe the operation precautions for jack assembly.

- ⚠ The spare wheel is only used in emergency. Install the spare wheel and drive carefully. The vehicle speed is prohibited to be higher than 80 km/h. Try to avoid abrupt acceleration and emergency braking.

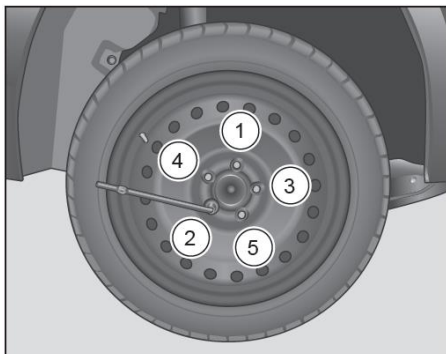


1. Align the mounting hole of the spare wheel with that of the brake disc and hitch it to the wheel hub;
- 👁 Before installing the spare wheel, it's necessary to remove the soil and dirt from the joint surface between the wheel and the brake disc.


## Emergency treatment





2. To install all the wheel nut, first try to tighten all the wheel nuts by hand, and then pre-tighten with wheel nut wrench to confirm that the wheel is fully positioned;
3. Turn the jack assembly handle counterclockwise to lower the vehicle;





4. Use a wheel nut wrench to tighten the wheel fixing nut clockwise, do not use any other tools to apply the force, such as hammer, barrel, and ensure that the spanner is fully fitted to the nut;
5. Tighten the wheel nut evenly in the diagonal sequence from ① to ⑤ shown in the figure. The specified torque is  $110\pm 10$  N·m.

 The wheel nut must be tightened correctly to the specified tightening torque; otherwise the nut may become loose when the vehicle is running, which may easily cause traffic accidents.

 The screw threads on the wheel nut and hub must be kept clean and free of grease and other attachments.

 Tighten the wheel nut with the wheel nut wrench provided to the vehicle, but the torque cannot be confirmed. Control the vehicle speed reasonably during driving to avoid abrupt acceleration and emergency braking. Go to the BAIC MOTOR franchised dealer as soon as possible to check and ensure the wheel nut reaches the specified torque.

 During replacement of the wheel, if the nut is found to be rusty or difficult to be screwed, the nut must be replaced and the threaded hole must be cleaned during installation.

 After installing the spare wheel, go to the BAIC MOTOR franchised dealer to repair as soon as possible, when the faulty wheel repair is fixed, the spare wheel should be immediately replaced.

### Place tools and parts to the original positions

- The replaced faulty wheel should be placed properly.
- The driver's tools after use should be cleaned in time and put back in place.
- After replacing the wheel, do not forget to take back the warning triangle.



### In case of collision

In case of a serious collision, the vehicle will automatically cut off the fuel pump relay and stop supplying fuel to the fuel pipeline of the vehicle to minimize the risk of accident.

Please continue to operate the vehicle in the following ways according to the actual situation:

1. Set the power switch to "OFF" position and leave the vehicle;
2. Contact the BAIC MOTOR franchised dealer and wait for rescue if personal safety is guaranteed.

### In case of a vehicle fire

If the vehicle catches fire, continue to operate the vehicle as follows, as appropriate:

1. Set the power switch to "OFF" position and leave the vehicle;
2. If the fire is weak and spreads slowly, please use a fire extinguisher to put it out and call for help immediately if personal safety is guaranteed;
3. If the fire is strong and spreads quickly, please stay away from the vehicle and wait for rescue.

### EDR

This vehicle is equipped with EDR (EDR), which is mainly used to record some vehicle status in case of major vehicle collision, including vehicle longitudinal acceleration, braking status, vehicle speed, vehicle identification code (VIN code), so as to know the vehicle driving. The EDR does not record data under normal driving conditions.

Specific meaning of record content:

- Longitudinal acceleration: The acceleration in which the vehicle is moving forward when a collision occurs.
- Braking status: Braking when a collision occurs.
- Vehicle speed: the speed of the vehicle at the time of the collision.
- Vehicle identification code: i.e. vehicle VIN code.

**i** The above information is recorded to master the vehicle status information at the time of the accident, so as to facilitate the third party (such as the law enforcement department) to investigate the collision.

Reading the EDR recorded data requires a dedicated device and is possible only when the vehicle or EDR use authorization is obtained. In addition to the manufacturer of the vehicle, third parties with specialized equipment (such as law enforcement) can read the relevant information when the vehicle or EDR is authorized to be used.

## Emergency treatment

### Towing

#### Towing hint

It is recommended to contact a BAIC MOTOR franchised dealer or a professional vehicle roadway rescue company for rescue. When contacting them, inform them of the transmission type, whether the steering, brake, transmission systems can work, so that appropriate towing method can be applied.


For towing the vehicle, the use of appropriate towing equipment can ensure that the vehicle is not damaged. Personnel from professional vehicle road rescue company are familiar with traffic laws and regulations and can be asked for help!

#### Towing method

##### Use of flatbed rescue truck




The best towing method is to load and secure the faulty vehicle to the rescue truck, which should be preferred when the vehicle needs towing in an accident.

 After the faulty vehicle is loaded onto the rescue truck, apply the EPB of the faulty vehicle and fix the four wheels to prevent the faulty vehicle from moving during the emergency braking of the rescue truck.

#### Towing from the front.



Release the faulty vehicle EPB, lift and secure the front wheels.

 When lifting the front wheel of the faulty vehicle, be sure to have proper ground clearance at the rear. Otherwise, during the towing, the rear bumper of the faulty vehicle will bump with the ground, causing damage.

## Towing from the rear



Release the EPB of the faulty vehicle, lift and fix the rear wheels, and fix the front wheels to the small scooter.

## Towing prompt

In emergency circumstances, if the special towing vehicle cannot be used, a hook can be temporarily used for towing the vehicle. When preparing the towing, the driver and rescue personnel shall read the following precautions carefully.

⚠️ The towed vehicle must turn on the hazard warning lamp and comply with the traffic regulations.

⚠️ Before towing, make sure that the brake, transmission, steering system, and transmission system are all in working condition. If any system above is damaged, it must be towed with a flatbed rescue truck.

⚠️ It is forbidden to tow the vehicle of which the battery is dead or the automatic transmission fails.

⚠️ If the vehicle is trapped in silt, pits, sand heaps, it is recommended to seek professional rescue, and it is prohibited to tow the vehicle to get out using the towing eye, to avoid serious bodily harm and vehicle damage.

⚠️ Inexperienced drivers shall not try to tow other vehicles to prevent accidents.

⚠️ It is forbidden to tow the vehicle that is started.

⚠️ When towing the vehicle, be sure to follow the instruction of professionals to avoid unnecessary injuries.

👁️ The towing vehicle must not be lighter than the towed vehicle; otherwise the vehicle may lose control.

👁️ It can only be carried out on hard road for short towing, the maximum allowable towing vehicle speed is 40 km/h, and the maximum towing distance is 25 km.

👁️ Before towing, turn on the ignition switch of the towed vehicle, set the gearshift lever to the "N", and release the parking brake.

👁️ Drive the towing vehicle slowly when starting, until the towing rope is tensed, and then carefully accelerate the towing vehicle. If brake is needed during the driving process, the towed vehicle driver shall step on the brake pedal slowly to brake in advance.

👁️ If the towed vehicle is difficult to move, do not continue to forcibly tow it, and contact the BAIC MOTOR franchised dealer.

## Emergency treatment

ⓘ Avoid excessive towing or violent towing, and ensure that the towing rope is always in tension; in case of towing in uneven road, the traction connections will be overloaded or even damaged.

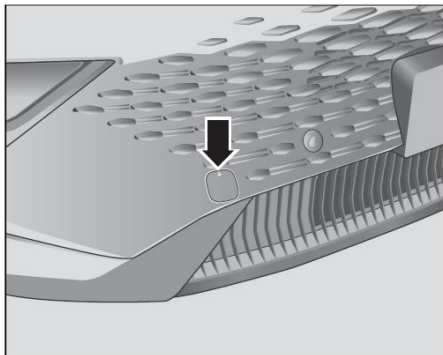
ⓘ When using steel wire rope, metal chain or metal towing bar to tow the vehicle, it may cause body damage. It is recommended to use special towing rope to tow the vehicle.

ⓘ Be sure to keep the towing rope in the same line with the towing and towed vehicles; if the vehicle is towed, it may damage the vehicle.

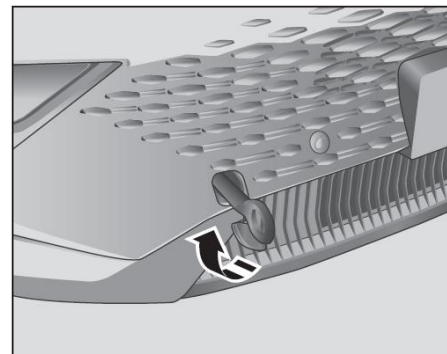
## Mounting towing eye

### Front towing eye of vehicle

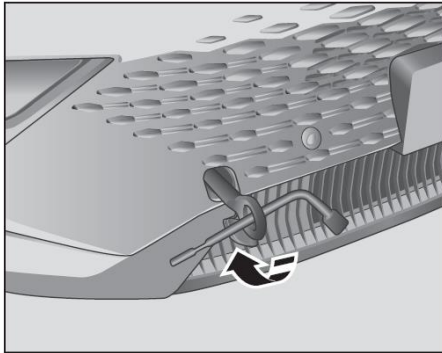
1. Take out the wheel removal and refitting wrench and removable towing eye from the tool kit in the trunk;



2. Press the triangle mark of the towing eye mounting hole cover on the front bumper to open the cover;



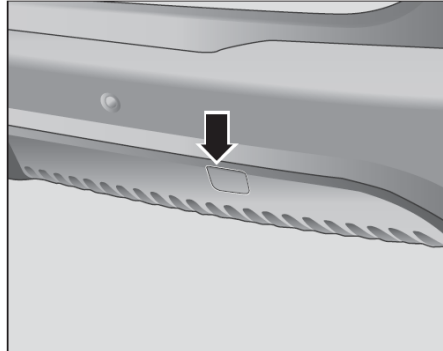
3. Screw the towing eye clockwise into the towing eye mounting hole by hand;



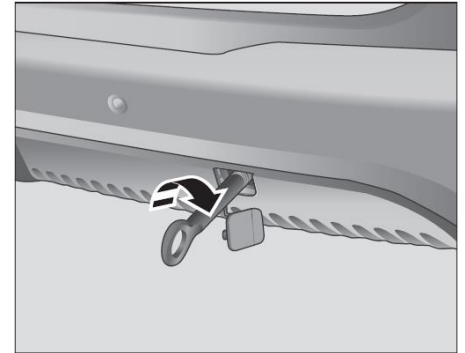
4. Tighten the towing eye firmly with the wheel removal and refitting wrench.

#### Rear towing eye of vehicle

1. Take out the wheel removal and refitting wrench and removable towing eye from the tool kit in the trunk;

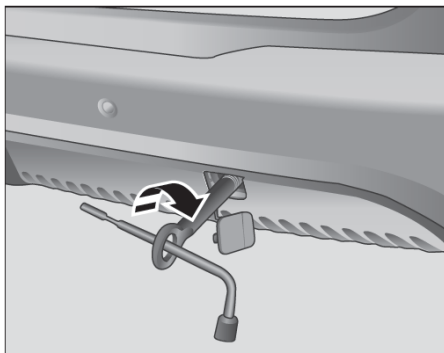


2. Press the triangle mark at the lower right corner of the towing eye mounting hole cover on the rear bumper to open the cover;



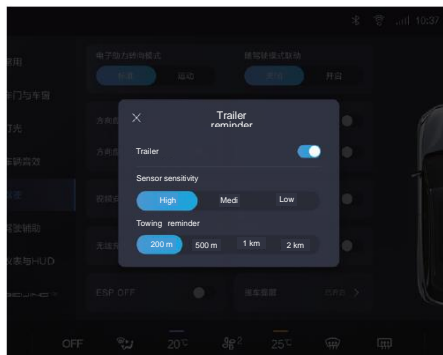
3. Screw the towing eye clockwise into the towing eye mounting hole by hand;

## Emergency treatment



4. Tighten the towing eye firmly with the wheel removal and refitting wrench.

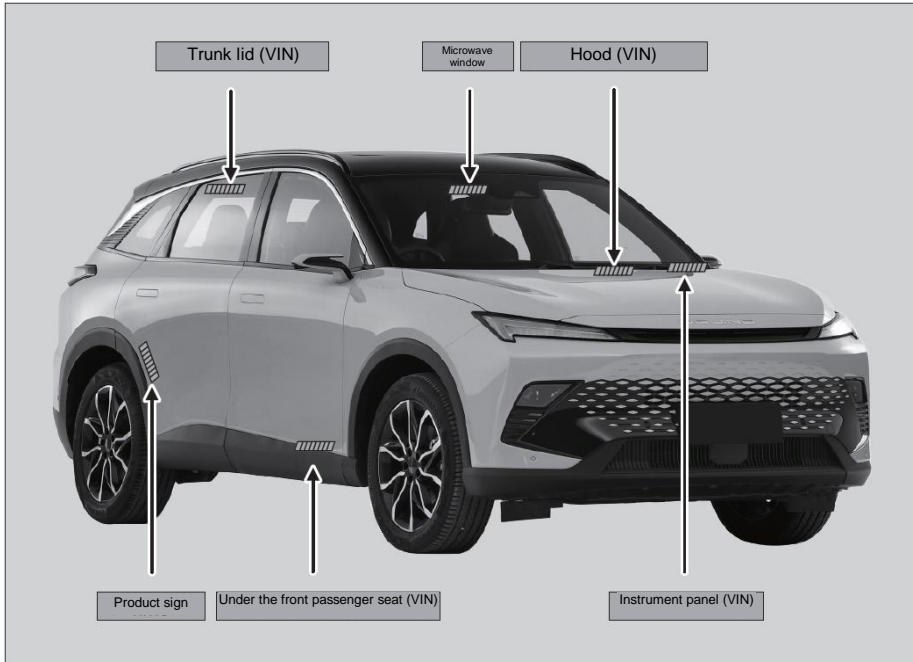
## Trailer reminder




Through the center control display, you can turn on/off the towing reminder function, set the sensor sensitivity (high, medium, low), and set the towing reminder distance (200 m, 500 m, 1 km, 2 km).

After this function is enabled, when the vehicle is towed, and towing distance exceeds the set reminder distance, it will remind the driver through APP or SMS.

**Vehicle identification**  
**Identification number**



The VIN is the unique identification number of the vehicle. It is pasted on the front and back of the vehicle, as shown in the figure (only part of the VIN on the vehicle is shown in the figure).

 The VIN marked under the front passenger seat will be re-marked or changed due to malfunction of the VIN marking equipment or miscalculation of the check digit. If this happens, the normal use of the VIN will not be affected.

## Technical parameters

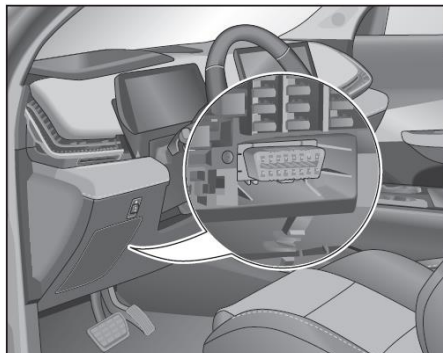
### Vehicle nameplate

Made by BAIC MOTOR			
VIN			
LNBXXXXXXXXXXXXXXXX			
Brand:	Vehicle model:		
Engine model:	Maximum net power of engine:	kW	
Displacement of engine: mL	Maximum permissible total mass:	kg	
Seating capacity:	Manufacture time:	Year	Month

The vehicle nameplate is located on the C-pillar of the right side wall outer panel of the body, and contains the following information:

1. Manufacturer of vehicle;
2. VIN;
3. Brand and model of vehicle;
4. Model and maximum net power of engine;
5. Engine displacement, maximum allowable total mass;
6. Seating capacity and manufacture time.

### DLC



DLC is located below the IPJB.

DLC is used for the digital communication between the electronic control unit and the diagnostic scan tool.

**i** The VIN can be read out on the DLC using an external diagnostic scan tool.

**i** Purchase channel and contact information: BAIC International Development Co., Ltd.

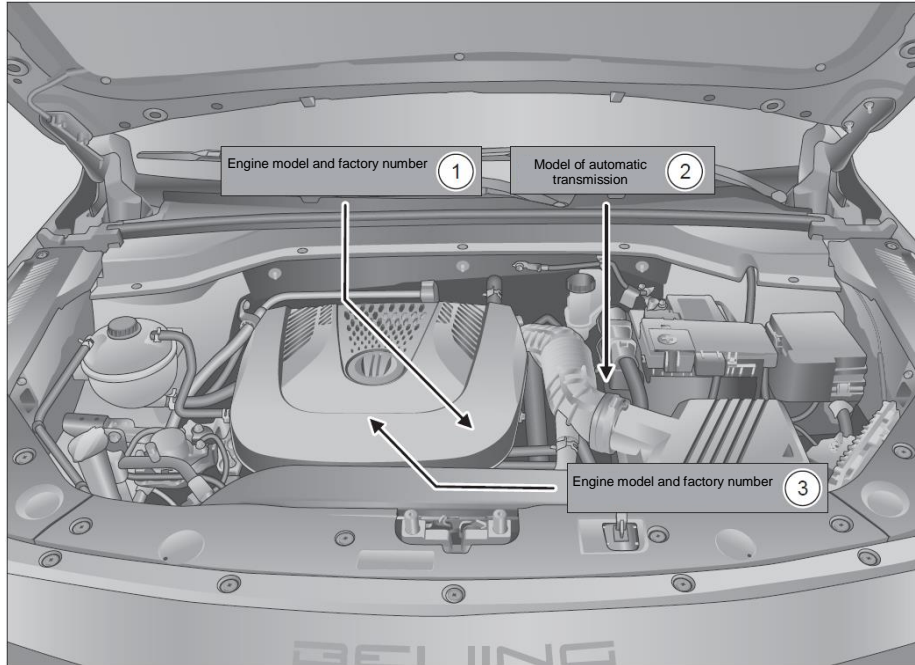
**i** Diagnostic scan tool system at this stage: PAD diagnostic scan tool kit.

### Microwave window

The microwave window is located on the front windshield and is used to install the vehicle electronic identification. No film, heating wire, etc. are allowed in the installation position to ensure effective reading.



## Engine and transmission

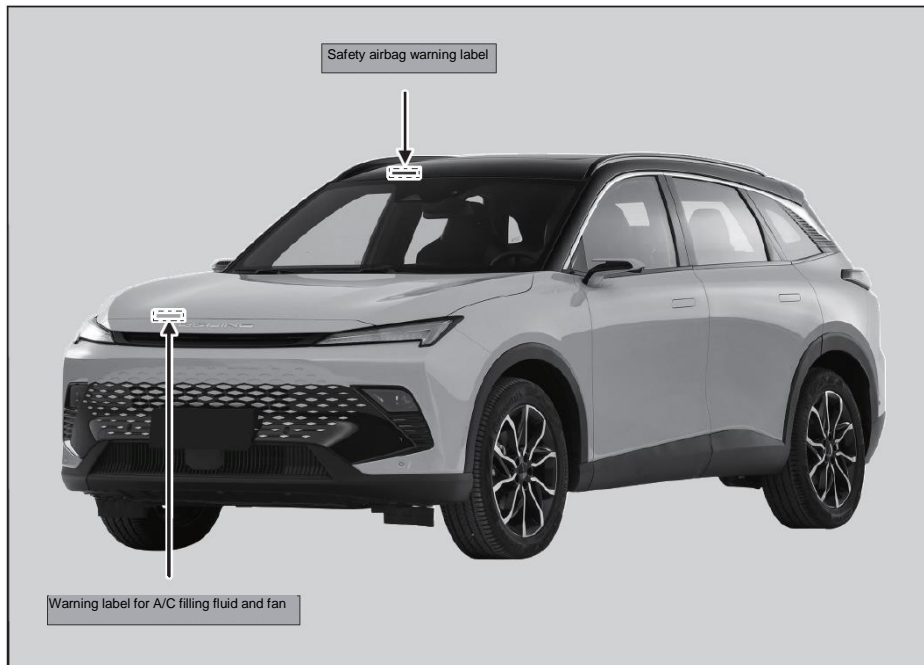


The engine model and factory number ① are located on the engine housing near the starter.

The automatic transmission model ② is located on the transmission housing.

**i** Engine model and factory number ③ label, and paste it on the engine trim cover.

### Safety label



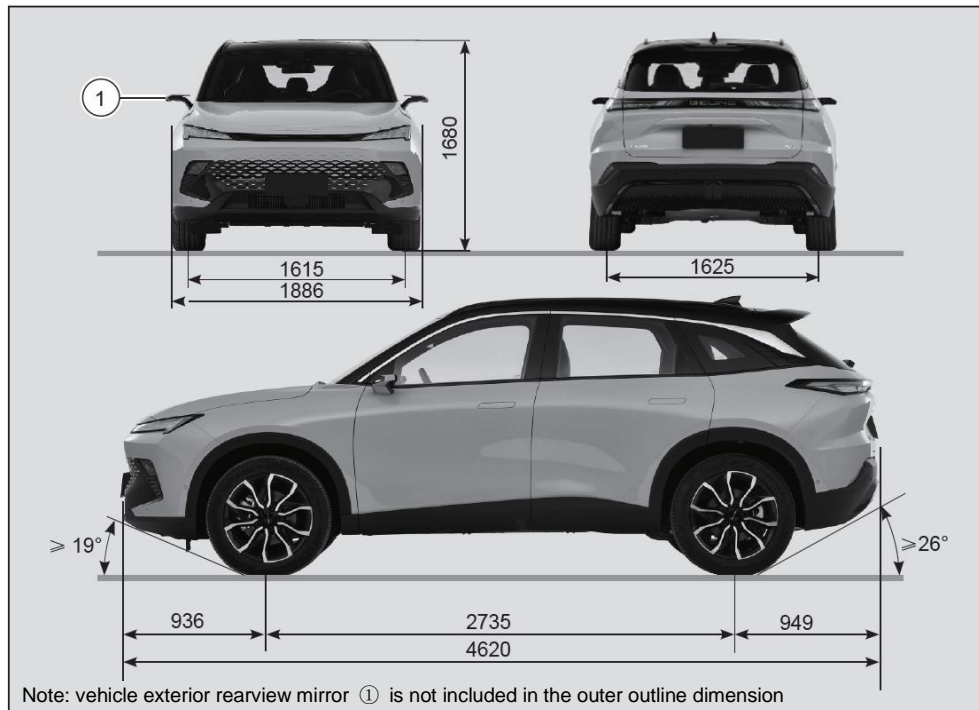
The location of the relevant safety label is shown in the figure:

- The safety airbag warning label is located on the front and back of the front passenger sun visor.
- The A/C filler fluid and fan warning labels are located on the right side of the engine compartment front upper cross member trim panel.

These labels are used to indicate potential hazards that may cause serious injury. Please read these labels carefully.

Technical parameters of vehicle

(Unit: mm)



## Technical parameters

Vehicle model	BJ6460U5XDK
Vehicle length (mm)	4620
Vehicle width (mm) (excluding rearview mirror)	1886
Vehicle height (mm) (no load)	1680 (including luggage rack/shark fin antenna)
Wheelbase (mm)	2735
Front wheel track (mm)	1615
Rear wheel track (mm)	1625
Front suspension (mm)	936
Rear suspension (mm)	949
Driving mode	Front engine Front drive
Maximum gradeability (%)	≥40
Approach angle/departure angle	19°/26°
Maximum vehicle speed (km/h)	200
Kerb mass (kg)	1550
Front/rear axle load at kerb mass (kg)	895/655
Maximum permissible total mass (kg)	1970
Front/rear axle load under maximum allowable gross mass (kg)	1010/960
Seating capacity (including driver)	5
Distance from the initial position of the brake pedal to the carpet (mm) (vertical height)	174
Brake pedal free travel (mm)	8-12
Brake pedal force (N)	<500

**Technical parameters**

Vehicle model		BJ6460U5XDK	
Wheel alignment parameters	Wheel camber	Front wheel	-16'±30' (difference between left and right sides shall not exceed 30')
		Rear wheel	-63'±30' (difference between left and right sides shall not exceed 30')
	Kingpin inclination	Front wheel	13°53'±30' (difference between left and right sides shall not exceed 1°30')
	Kingpin caster angle	Front wheel	6°48'±30' (to the ground) (difference between left and right shall not exceed 30')
	Toe-in	Front wheel (one side)	5'±5' (difference between left and right sides shall not exceed 5')
		Rear wheel (one side)	3'±5' (difference between left and right shall not exceed 5')
Engine model		A156T2H	
Type of engine		Inline four-cylinder, water-cooled, direct injection gasoline engine	
Type of transmission		7DCT	
Emission level		Euro V/VI	
Fuel		92# and above unleaded petrol (reference standard DB11/238-2016 Gasoline for Motor Vehicles)	
Displacement of engine (mL)		1498	
Bore and 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/speed (N·m/rpm)		300/ ( 1500-4250 )	
Idling speed (r/min)		700±30 (with A/C off)	
Firing order		1-3-4-2	
Residual unbalance of wheel assembly		Initial inspection≤6 g, re-inspection≤8 g	

## Technical parameters

Vehicle model		BJ6460U5XDK		
Wheel	Driving wheel	Specification of tire	225/55R19	225/60R18
		Rim specification	7.0Jx19	6.5Jx18
		Tire pressure	220kPa	
	Spare wheel	Specification of tire	T135/90R17	
		Rim specification	17x4T	
		Tire pressure	420kPa	
Thickness of front brake disc (mm)		Standard dimensions	28	
		Wear limit	26	
Thickness of front brake (mm)		Standard dimensions	11	
		Wear limit	2	
Thickness of rear brake disc (mm)		Standard dimensions	11	
		Wear limit	9	
Thickness of rear brake (mm)		Standard dimensions	10	
		Wear limit	2	
Volume of fuel tank (L)		53		
Comprehensive fuel consumption (L/100 km)		7.18		

Note: The fuel consumption per 100 km is obtained under the comprehensive driving conditions of low/medium/high/ultra-high speed for the vehicle equipped with standard configuration. The fuel consumption data is based on the driving condition of WLTC cycle in the national standard. The actual fuel consumption is related to driving habits, environmental factors, road conditions and on-board mass.

### Specification and capacity of oil/fluid

Oil/fluid name	Specification	Vehicle filling volume
Oil	SP/C50 W/20, oil ash weight ratio $\leq 0.8\%$	4.7 L (maintenance refill volume)
Automatic transmission lubricating oil	CNPC Kunlun DCTF-7S	4.95~5.05L
Coolant	Total organic coolant (freezing point $\leq -40\text{ }^{\circ}\text{C}$ )	6.98~7.02L
Windshield washer fluid	Water-based low temperature windshield cleaning fluid (freezing point $\leq -35\text{ }^{\circ}\text{C}$ )	1.5L (volume 3L)
Brake fluid	DOT4	0.77~0.83L
A/C refrigerant	HFC-134a	530~550 g

Note:

1. The above capacity is approximate, and the actual usage will vary slightly;
2. Unless otherwise specified, the capacity of this meter is the design value, and the manufacturer has the right to adjust the actual amount according to the changes of products, equipment and climate;
3. This table oil maintenance filling amount is the recommended value, the specific filling amount should be judged according to the oil ruler;
4. The specific filling brake fluid model shall be consistent with the brake tank cap mark. It is forbidden to mix different brake fluid together.