

PREFACE

Following heart

Dear users, thank you for choosing JINKANG SERES

SERES brand originates from a simple and natural original intention —— Return blue sky to city, Let users all over the world enjoy the driving fun of the new electric car from Silicon Valley in the United States. With the mission of DRIVE THE AUTOMOTIVE ENERGY TRANSFORMATION AND CREATE AN INTELLIGENT MOBILITY IFESTYLE, always insist on USER-CENTRIC, to BE A GLOBAL BRANDED ENTERPRISE OF INTELLIGENT VEHICLES.

Please read this manual conscientious and completely before using it for the first time. From this manual, you can understand the vehicle function operation, precautions for use, as well as the information of vehicle maintenance and regular maintenance, and can help you drive safely and prolong the service life of the vehicle.

This manual provides the vehicle information you need to know as much as possible. All contents in the manual are the latest information. However, since the company will continuously improve and develop all models to ensure that the vehicles meet higher quality and safety standards, the company may improve the appearance, configuration and function of the products at any time. Your vehicle may be different from the description in this manual, so the company reserves the right to make changes without notice; Under no circumstances can anyone put forward any requirements to the company based on the data, illustrations and instructions of this manual.

If you have any questions, comments or suggestions, please contact us by calling 400-008-9999.

We sincerely wish you a safe and happy driving. Every time you start, you can feel the beautiful experience of moving with the heart and walking with the blue sky! This manual is copyrighted by Chongqing Jinkang New Energy Vehicle Co., Ltd.

The manual shall not be reproduced, copied or translated without the written consent of Chongqing Jinkang New Energy Vehicle Co., Ltd.

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Important information related to this manual

Tips information

DANGER

Personal injury or death

- Danger signs remind you that if don't follow the dangerous contents may cause personal injury or death to you or others.

warning

Personal injury

- Warning signs remind you that if don't follow the warning contents may cause personal injury or death to you or others.

ATTENTION

Vehicle damage

- Attention signs remind you that if don't follow the attention contents may cause damage to the vehicle.



Instruction

Help and instruction

- Here you can find some help tips or useful details.

Icons and illustrations

The illustrations in this manual are general pictures showing some features or functions of the vehicle, which are used to assist in the description to help you understand. For reference only, please refer to the actual vehicle for details.

Figure displaying text

The format of text or message displayed on the touch screen is different from normal text. (e.g. body control, driving, ADAS assistance, etc.). The program and instructions are displayed in several steps, for example: Settings > ADAS assist > basic vehicle settings.

Vehicle configuration and options

The illustrations in this manual are used to assist in explanation and understanding. They are only for illustration and may not be the pictures of the purchased vehicle. Please understand.

Through continuous improvement and R & D of all models, JINKANG SERES ensures that the vehicles meet higher quality and higher safety standards. The company may improve the appearance, configuration and function of the products at any time. Therefore, please understand that the illustrations, data and instructions in this manual may be inconsistent with the actual situation, because there will be differences in functions according to different configurations, Please refer to the actual vehicle for specific functions.

You can identify the programs on the vehicle through the controls, switches, icons and text descriptions in the touch screen options available in the vehicle.

Important tips

Original hardcover accessories, optional equipment and modifications

The original accessories of JINKANG SERES brand have been tested to ensure that they are well compatible with the performance, safety and emission system of your vehicle. In order to ensure the performance and safety of your vehicle as much as possible, you must use the original accessories of jinkangxilis when you carry out vehicle maintenance or vehicle repair. °

If you use parts not originally made by JINKANG SERES, it may adversely affect the performance and safety system of your vehicle. Therefore, the company will not be responsible for any problems.

Please do not modify any part, vehicle information and identification of your vehicle without permission. The modification may affect the performance, safety or durability of the whole vehicle, or even violate national laws and regulations. The company will not bear any responsibility for the direct or indirect losses caused by this. In addition, it may also cause you to lose your maintenance or warranty rights.

radio equipment

The installation of radio equipment on the vehicle may affect the normal use of the electrical system.

The following regulations shall be strictly observed when using radio equipment:

- Do not install or change the radio equipment, otherwise it may cause some electrical system faults.
- When using the radio equipment, please observe the local regulations of the vehicle.
- Do not park the vehicle in places with strong electromagnetic interference such as transformers

Maintenance reminder

Regular professional maintenance is helpful to keep the vehicle in good running condition and prolong the service life of the vehicle. Please carefully read the maintenance related information in the manual and recommend you to carry out routine maintenance in accordance with the correct maintenance requirements. If your vehicle runs in a harsh environment, the vehicle needs more and better maintenance. If the vehicle fails due to no maintenance or improper maintenance, You may lose your warranty rights.

Safety precautions

Please follow the following important precautions to help ensure a safe and perfect trip for you and your passengers.

- Driving under the influence of alcohol or drugs is strictly prohibited.
- Be sure to concentrate when driving. Anything that distracts you may cause collision accidents, such as adjusting control buttons, answering and making calls, etc. °
- Obey the traffic rules, limit the speed, and do not drive over speed or overload.
- During driving, please wear the safety belt all the way. If there are children on the vehicle, please use a suitable child safety seat and fix it on the rear seat.
- It is forbidden to leave children alone in the car, and do not let children use or carry keys.
- To avoid personal injury, it is forbidden to touch any high-voltage cable, high-voltage plug and connecting plug on the vehicle.
- Follow the instructions on the warning label.
- Non professional maintenance personnel are strictly prohibited to disassemble the power battery and related high-voltage components.
- The operating environment of the vehicle shall be free of corrosive, explosive and insulating gas or conductive dust, and shall be far away from the heat source.
- It is strictly prohibited to crush and puncture the power battery to damage the battery system.
- If the power battery is found to be leaking or damaged, please do not touch it. If you accidentally touch it, please wash it with a large amount of water and get medical attention in time.
- It is strictly prohibited to dispose and store waste power batteries without permission. Please contact Chongqing Jinkang new energy after-sales service center for disposal.

Introduction to automobile event data recording system (EDR)

The vehicle is equipped with an event data recording system (EDR), which is integrated into the airbag controller. When the trigger threshold is reached (triggered when the speed change is greater than 8km / h within 150ms and locked when the speed change is greater than 25km / h within 50ms), the vehicle longitudinal acceleration, vehicle VIN, vehicle speed and brake pedal status are recorded. After the collision event, the above information can be read through the diagnostic tool.



EDR data reading, source and collection method

This vehicle is equipped with

data can be read through OBD

EDR data comes from vehicle longitudinal acceleration, service brake on or off, vehicle VIN and vehicle speed. The collision event data recording system (EDR).

Approach : EDR record detection method of each item is as follows :

- 1 **Longitudinal acceleration** : It is obtained by the acceleration sensor inside the EDR controller. °
- 2 **Hand brake on & off** : The brake pedal signal obtained by the body dynamic control (VDC) reading by the BUS.
- 3 **Vehicle speed** : The wheel speed sensor signal obtained by the vehicle electronic stability program (ESC) reading by the BUS.
- 4 **Vehicle VIN** : It is recorded by EDR controller and obtained by EDR controller.

Data error

EDR data will not be leaked to third parties except:

- The owner (or car rental company) agrees.
- Formal request from the police or other relevant authorities.
- In the lawsuit, it was used as the defense of Chongqing Jinkang New Energy Vehicle Co., Ltd.
- The court ordered.
- It is used for research purposes and will not disclose owner information or identification information.

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Summary

The location overview of internal and external components helps you quickly find relevant components.

Internal brieffile

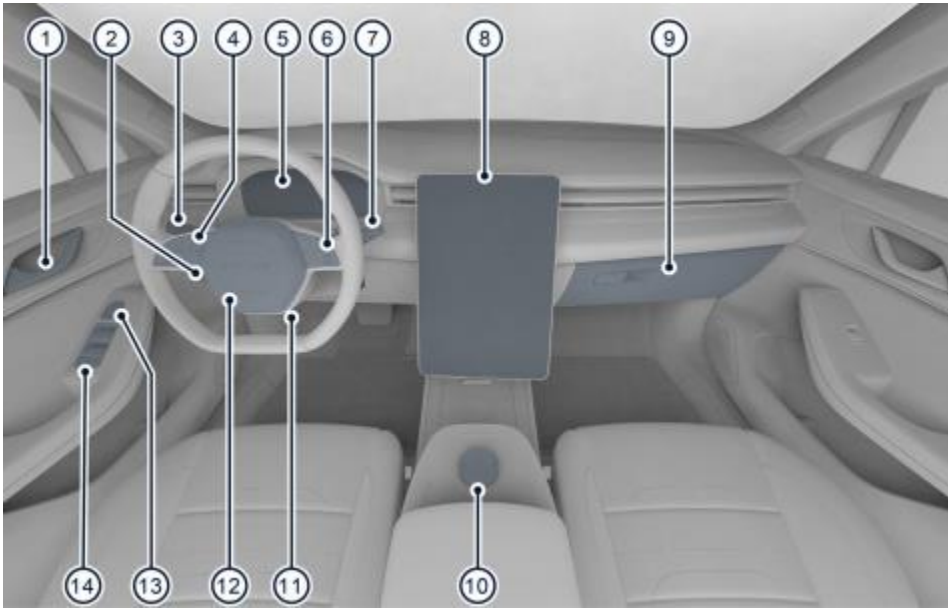


Illustration :The above pictures are for illustration only, and the details shall be subject to the actual vehicle.

Vehicle body interior introduction

- | | |
|------------------------------|---|
| 1 Interior door handle | 8 Touch screen |
| 2 Cruise control lever | 9 Glove box |
| 3 Light control lever | 10 Shift knob |
| 4 Steering wheel key (left) | 11 Steering column adjuster |
| 5 Combined instrument | 12 Horn switch |
| 6 Steering wheel key (right) | 13 Exterior rearview mirror adjustment button |
| 7 Wiper wash control lever | 14 Power window switch |

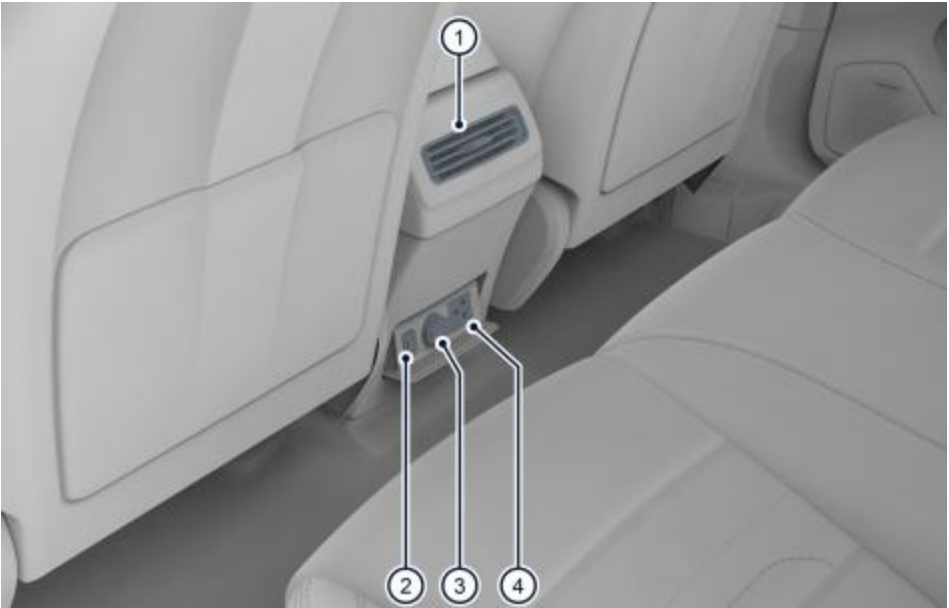


Illustration : The above pictures are for illustration only, and the details shall be subject to the actual vehicle.

- 1 Rear seat air outlet
- 2 USB power supply socket

- 3 12V power supply socket
- 4 220V power supply socket

External brieffile

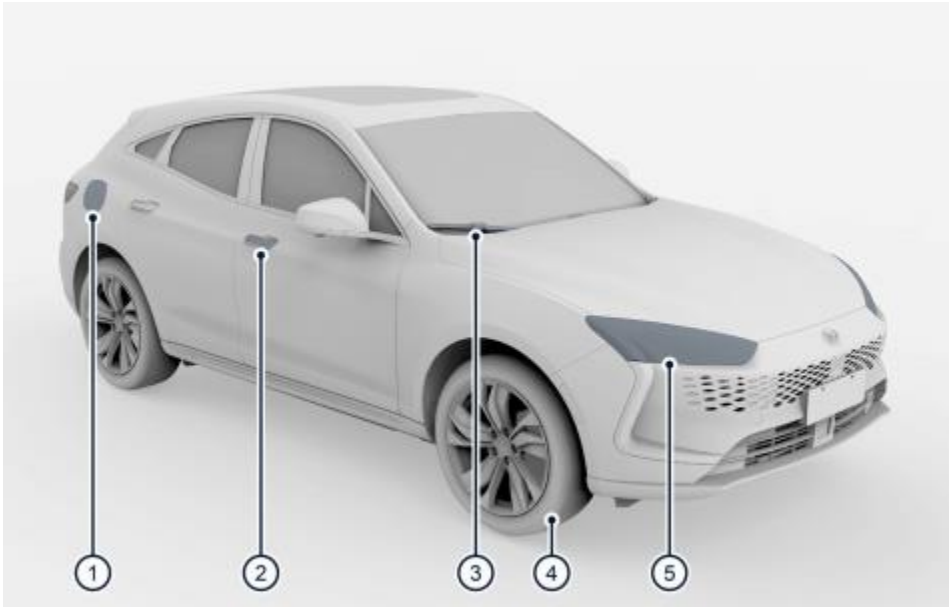


Illustration : The above pictures are for illustration only, and the details shall be subject to the actual vehicle.

Vehicle body external brief instruction

- 1 Fuelling cap
- 2 Exterior door handle

- 3 Front wiper
- 4 Tire
- 5 Front headlamp

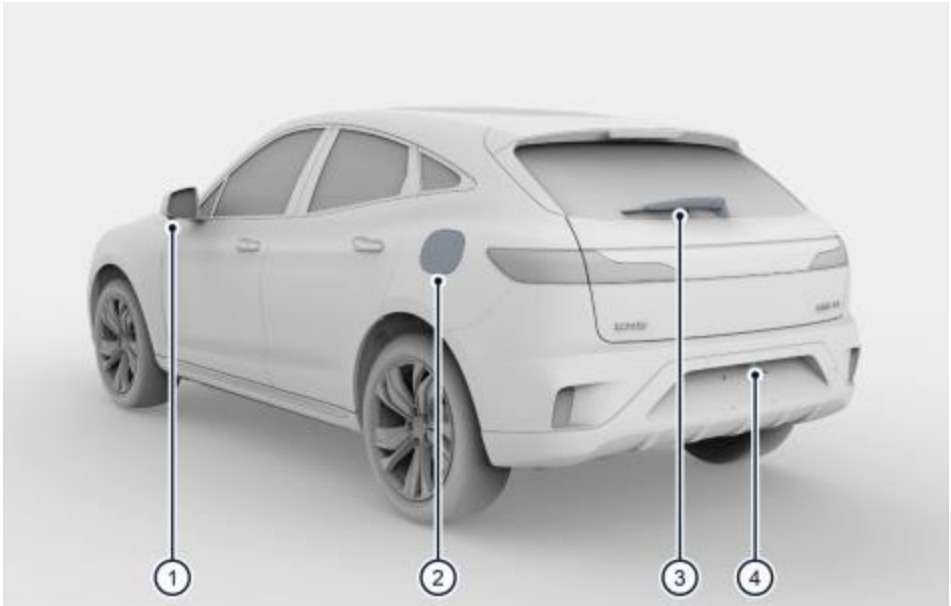


Illustration : The above pictures are for illustration only, and the details shall be subject to the actual vehicle.

- 1 Exterior rearview mirror
- 2 Charging cap

3 Rear wiper

4 Rear view camera

Vehicle power on and off

The overview of buttons, switches and indicators helps you find the relevant components. In addition, it can quickly familiarize you with the working principles of various operations.

Key



Illustration: button on remote key

Remote key

As a miniature vehicle form, the key has three buttons.

1 Lock button :

- Briefly press the lock button to lock the vehicle door
- Press and hold the lock button · window lifting · If equipped with a panoramic roof, the roof can be closed.
- Press the lock button twice continuously to turn on the vehicle search function.

2 Unlock button :

- Briefly press the unlock button to unlock the front and rear doors, and the light will flash when unlocking.
- Press and hold the unlock button to lower the window. If the panoramic sunroof is equipped, the sunroof can be opened.

3 Back door button :

- Long press the back door button to open the back door, short press again to pause the opening of the back door, and long press the unlock button to close the back door.
- Press the back door unlock button twice continuously within two seconds to open the charging port cover.

Warning

- Please take good care of the remote key to prevent damage caused by impact, high temperature and liquid corrosion, and avoid contact with solvents, waxes and corrosive cleaners
- When getting off the vehicle, be sure to turn off the start / stop switch and take away the remote key, especially when there are children in the vehicle, because children may start the vehicle or activate the power windows, resulting in accidents or personal injury.

Attention

The remote key control is effective only when the instrument and touch the breath screen

Instruction

- *When using the remote key, the driver does not need to point the remote key to the vehicle, but it must be within the detection range (depending on the strength of the key battery. When the key battery is low, the combination instrument will display "key battery is low").*
- *If the vehicle cannot detect the remote key, the remote key is not within the detection range.*
- *Radio equipment with similar frequency will affect the remote key. If this happens, it is necessary to remove the electronic equipment (such as mobile phone, laptop, etc.) and ensure that the distance from the remote control key is at least 30cm. If the remote key does not work, the battery may be exhausted and the battery needs to be replaced. The vehicle can be opened using the mechanical key.*

Order additional remote key

If you accidentally lose the remote key or need to order a new vehicle remote key, please bring other keys to the SERES after sales service center for reprogramming. The vehicle can recognize up to two remote keys at the same time.

Replace the remote key battery

The battery life of the remote key is about one year. When the battery power is low, the instrument will display "low key battery power".

Please follow the below steps to replace the battery :

1. Place the remote key on a soft surface with the button side down.

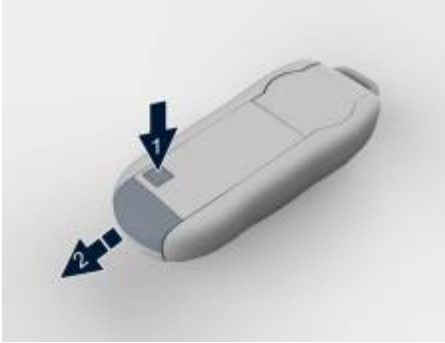


Illustration : Remove the mechanical key

2. After pressing the release button, pull out the mechanical key.



Illustration: open the rear cover of the key

3. Use a small flat bladed tool to open the key rear housing.



Illustration: remove the remote key battery

4. Using a small flat bladed tool, pry the battery up from the edge of the battery.
5. Insert a new battery (model: CR2032) with the "+" side facing upward. Avoid touching the battery surface. Finger marks may reduce the service life of the battery. Clean the battery surface before installation.
6. Install the key rear cover and press it tightly.
7. Insert the mechanical key.
8. Operate the remote key button (such as unlocking the vehicle, locking the vehicle, opening the back door, etc.), and check and confirm that the remote key works normally.

Danger

The replaced battery is very small and may cause suffocation if swallowed by children. Please keep the battery out of the reach of children, otherwise it may cause serious injury or even death.

Warning

Please dispose of waste batteries according to local regulations. Incorrect disposal methods of waste batteries will damage the environment and endanger human health.



Illustration: Emergency mode remote key placement position

Smart remote key emergency mode

When driving the vehicle normally, you only need to carry the remote key with you.

When the battery of remote key is running out, and place the remote key in the storage box under the touch screen with the button side up.

Instructions on how to replace the remote key battery.

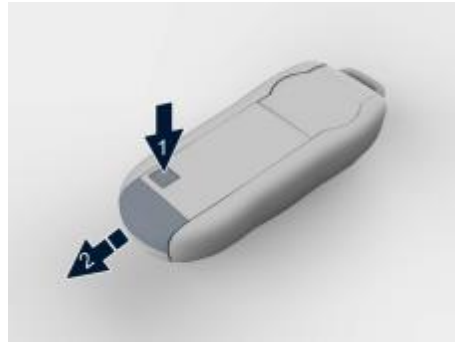


Illustration : Remove the mechanical key

Mechanical key

1. Press the release button.
2. Pull out the mechanical key directly.

After use, insert the mechanical key into the slot until it is inserted in place, and the mechanical key installation is completed.

Door

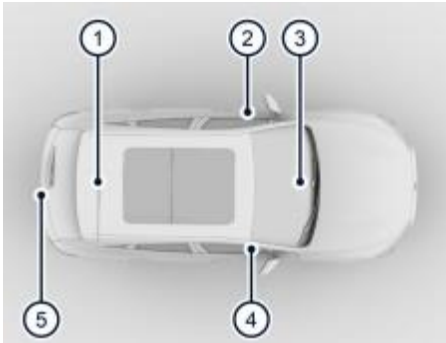


Illustration: Antenna position

- 1 Rear of top cover
- 2 Front door interior trim panel assembly (left)
- 3 Front center armrest
- 4 Front door interior trim panel assembly (right)
- 5 Centre of rear apron outer panel



Warning

In order to avoid mutual interference between the pacemaker and the antenna of keyless entry system, the personnel implanted with the pacemaker shall ensure that they keep a distance of more than 30cm from any antenna installed in the vehicle.

Keyless door locking and unlocking

The vehicle antenna can sense and recognize the on-board remote key with a range of about 1m.

When a person approaches the vehicle with the remote control key, the door will unlock automatically and the door handle will pop up automatically.

If the "exit lock" function is set through the touch screen, the vehicle will automatically lock when the driver leaves with the remote key.



- *In order to prevent the continuous consumption of small battery power, the automatic unlocking function will be turned off after the vehicle locked for two days. The user needs to press the remote unlocking button to unlock.*
- *After closing the door and power off, when the vehicle is locked, if the vehicle still detects that the key is within 2m nearby, the key indicator light will continue to flash. In order to prevent the key battery from consuming too fast, after closing the door and powering down for 5min, if the key is still around the vehicle, the vehicle will stop scanning the key and turn off the proximity unlocking function. At this time, you need to lock it with the remote key, And the next time you unlock it, you need to unlock it with the remote key.*
- *When you walk from the driver to the passenger after locking, the antenna on the passenger side will also control the vehicle to unlock after detecting a valid key.*
- *Because the antenna for detecting the key is arranged on the roof, if the key is placed on the roof or rear windshield, the antenna may mistakenly believe that the key is in the vehicle. Therefore, please do not place the key on the roof or rear windshield to avoid losing the key during driving.*



Illustration: unlocking with the exterior door handle

Using the exterior door handle

Approaching the vehicle with the remote key, when the distance is less than 1m, the exterior handle will pop up automatically, pull the exterior handle to open the door.

Instruction

- *If the door outside handle is not pulled within 30s after it pops up, the door outside handle will retract. Just press the key to unlock and it will pop up again. When the vehicle speed exceeds 8km/h or the door is locked manually in the vehicle, the door outside handle will retract automatically.*
- *When the door or back door is opened, the door opened indicator will be displayed on the instrument display screen, and the vehicle screen will also be displayed in the touch screen control window.*

Internal locking and unlocking


 Press the lock button once to lock all doors and back doors. When the vehicle is locked, the indicator light on the button will turn on. Press again to unlock all doors and back doors, and the indicator light on the button will turn off.



Illustration: unlocking with interior door handle

Using the interior door handle

When the interior central control is locked, continuously pull the interior door handle twice to unlock and open the door.

Warning

- To prevent children using the inner door handle to open the rear door, the child protection lock shall be opened.
- After opening the child protection lock, the rear door cannot be opened with the inner handle of the door. At this time, the rear door should be opened from outside the vehicle.



Illustration: central control door lock button with indicator light



Illustration : Settings > body control (different configuration with different functions, please take the real vehicle as the standard)

Portable door control

- 1 **Door locking** : Click to lock all doors.
- 2 **Door unlocking** : Click to unlock all doors.

Use this operation when placing the remote key in the storage box under the touch screen.

Warning

- The vehicle will not be locked until all doors are closed.
- When the vehicle collides and reaches a certain severity, the vehicle will unlock automatically.



Illustration : Settings > Vehicle (different configuration with different functions, please take the real vehicle as the standard)

Child lock on and off

The rear door has a child protection lock to prevent children from opening the rear door through the inner door handle.

1 Child lock :

- Click the button icon to light up, the child lock has been enabled, and the rear door cannot be opened from inside the vehicle.
- Click the button again, the icon is gray, the child safety lock has been deactivated, and the rear door can be opened from inside the vehicle

Warning

It is recommended that children open the child protection lock when sitting in the rear seat.



Illustration : Settings > Vehicle (different configuration with different functions, please take the real vehicle as the standard)

Lock on and off

After leaving the vehicle with the remote key, the vehicle will lock automatically.

1 Leave locking :

- Click the button to light up and leave locking has been enabled.
- Click the button again, the icon turns gray, and the leave locking has been closed.

Warning

To ensure the safety of your vehicle and personal belongings, please make sure your vehicle is locked before leaving.

Instruction

After closing the door and powering down, if the vehicle is not locked, if the vehicle still detects that the key is within 2m nearby, the key indicator light will continue to flash. In order to prevent the key battery from consuming too fast, after closing the door and powering down for 5min, if the key is still around the vehicle, the vehicle will stop scanning the key and turn off the remote locking function. At this time, you need to lock it with the remote key.

Warning

The smart key is affected by electronic devices such as mobile phones, computers, magnetic objects and the electromagnetic environment around the body. The leave locking function may fail. Please confirm that the vehicle is locked before leaving.

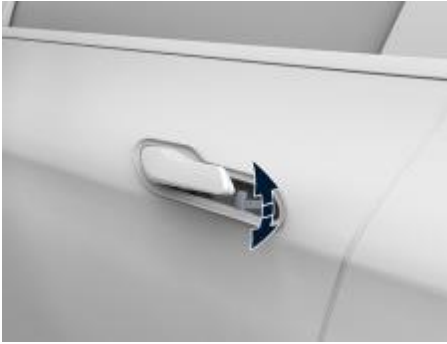


Illustration: Unlock the driver's door with the mechanical key

Unlock when remote key fails

When the power of the remote key is too low to unlock the door, you can lock / unlock the driver's door through the mechanical key.

1. Press the handle outside the driver's door, and pull the handle outward after the handle pops up automatically.
Please pull the door handle all the way out and hold it, so as to better complete the unlocking operation.
2. Insert the mechanical key.
3. Turn the key clockwise to unlock the vehicle. °
4. Lock the vehicle by turning the key counterclockwise



Illustration: opening the door from inside the vehicle

Open the door from inside when no power

When the vehicle has no power, personnel can open the door from inside the vehicle, continuously pull the door handle twice to unlock and open the door



Instruction

When the mechanical key is used to unlock the vehicle, the anti-theft alarm will be triggered, and the anti-theft alarm will turn off automatically after 30s.

Windows



Illustration: Power window switch

Power window switch

You can operate all power windows in the vehicle through the control panel on the driver's door. Passengers can use the window switch on their side door to operate the window next to them

- 1 Power window switch - front left
- 2 Power window switch - rear left
- 3 Rear window lock switch
- 4 Power window switch - front right
- 5 Power window switch – rear right

Window opening and closing



Illustration: Driver side window open switch

Driver side window control switch

Press the switch to lower the corresponding window.

The window switch operates in two stages :

- Manual lifting / lowering (gently pull / press to the first stop position).
- Automatic lifting / lowering (pull / press to the second stop position) °

Manual lifting

- Gently pull up / press any control switch. As long as the control switch is in the pull up / press down state, the power window will rise / fall all the time.

Automatic lifting

- Pull up / press any control switch to its limit position, and then release it. The window will automatically rise and fall to its limit position.



When the corresponding control switch is pulled up / pressed again during window lifting, the window stops rising / falling.

Remote key opening/closing window

Vehicle has remote key to open / close windows



Illustration : Settings > Vehicle control (Different configuration with different functions, please take the real vehicle as the standard)

Portable window opening and closing

- 1 **Window function** : Click the button to open or close the corresponding window function.
- 2 **All windows opening** : Click the button to open all windows.
- 3 **All windows closing** : Click the button to close all windows.



Warning

- When getting off the vehicle, be careful to avoid accidentally pressing the window switch, as this may lower the window on the driver's door or other doors.
- When leaving the vehicle, be sure to take the key with you. If the key is left in the vehicle, all doors, windows and controls will be in operation, which may cause dangerous driving, unauthorized driving or unintentional driving.
- Before closing the window, the driver must ensure that all passengers (especially children) do not lean out of the window, otherwise serious injury may be caused.



Illustration: window lock switch

Lock the rear window

To prevent passengers from misusing other window switches, press the rear window lock switch and the switch indicator will illuminate.

To unlock the rear window, press the switch again.



Warning

- When there are children sitting in the rear seat, please be sure to lock the rear window to ensure safety.
- Do not leave children alone in the vehicle.

Anti pinch function

When the window is automatically closed, the anti pinch function will be enabled. During the window closing process, if the window touches an obstacle, it will stop closing and open immediately.



Warning

- Passengers are not allowed to extend any part of their body out of the window, otherwise flying debris, branches or other obstacles may cause serious injury.
- Before closing the window, the driver must ensure that all passengers (especially children) do not lean out of the window, otherwise serious injury may be caused.
- Do not extend anything out of the window, otherwise the anti pinch mechanism may be damaged when closing the window.

Window initialization


Manual learning

1. Operate the window switch to rise to fully close the window. Operate the window to rise again to lock the window glass upward at the top position for 2S.
2. First lower the window glass to the bottom position, and then raise the window glass to the top position.

The manual learning process is completely completed. If it has the automatic rising function, it indicates that the window learning is successful.

In this learning mode, the process of raising and lowering windows needs to be completed continuously. If the window glass stops, it needs to learn again.

Automatic learning

Close the door and long press the locking key of the remote key “”. The four windows will automatically lower to the bottom and then rise to the top to complete the learning.

Sunroof

Panoramic sunroof

The panoramic roof consists of two glass parts. You can use the control buttons on the roof control panel to tilt / slide the front half and the rear half as the fixed part.

The panoramic roof is equipped with a sun blind, which is located under the roof glass to provide protection in strong sunlight.



Warning

- Do not allow children to operate the panoramic roof, which may cause personal injury
- Do not leave children alone in the car. Children may inadvertently operate switches or control buttons in the car, which may cause personal injury.
- Passengers are not allowed to extend any part of their body out of the skylight, otherwise flying debris, branches or other obstacles may cause serious injury.
- Before closing the sunroof, please ensure that no part of the passengers (especially children) extends out of the sunroof, otherwise serious injury may be caused.

Panoramic sunroof opening/closing



Illustration: the panoramic sunroof button is located on the overhead control panel

Manually open / close Panoramic sunroof



Warning

- Remove snow, ice or sand from the roof glass before opening the sunroof,
- Do not place heavy objects on the top of the sunroof.
- Please remove the sand, leaves and other foreign matters in the sliding rail of the sunroof in time to avoid jamming or failure to open and close normally during the sliding process of the sunroof.



Instruction

When the sun blind is fully closed, the sunroof needs to be fully closed.

- 1 Sunroof opening :** Press the switch to open the sunroof glass and stop the ventilation position of the sunshade. Press the switch again to open the sunroof and the sunshade in linkage. If any sunroof switch is pressed during the opening process, the current action will be stopped.
- 2 Sunroof closing :** Press the switch to close the sunroof glass. If any sunroof switch is pressed during the closing process, the current action will be stopped.
- 3 Sunroof blind opening :** Press the switch to open the sunroof blind. If any sunroof blind switch is pressed during the opening process, the current action will be stopped.
- 4 Sunroof blind closing :** Press the switch to close the sunroof blind. If any sunroof blind switch is pressed during the closing process, the current action will be stopped.



Illustration : Settings > Vehicle control (Different configuration with different functions, please take the real vehicle as the standard)

Portable open / close panoramic sunroof



Long press (manual mode) and short press (automatic mode), short press time $\leq 250\text{ms}$, long press time $> 250\text{ms}$.

1 Sunroof closing :

- Press briefly to close the sunroof glass completely
- Long press to close the sunroof glass and release to pause.

2 Sunroof opening :

- Press briefly to fully open the sunroof glass and open the sun blind in linkage.
- Press and hold, the sunroof will open, and the linkage between the glass and the sunshade will be suspended.

3 Sunroof blind closing :

- Press briefly to close the sunroof blind completely.

- Long press to close the sunroof blind, and release to pause

4 Sunroof blind opening :

- Press briefly to fully open the sunroof blind.
- Press and hold to open the sunroof blind, and release to pause °

5 Sunroof ventilation :

- The sunroof and sunroof blind can be opened to the ventilation position to ventilate the air in the vehicle.

Remote key to open / close Sunroof

This vehicle has the function of opening / closing the sunroof with the remote key.

Anti-pinch function

If the panoramic sunroof or sunroof blind are suddenly blocked during closing, it will stop closing and move slightly in the opposite direction and stop.



If it is found that the wind noise is too loud after the sunroof is opened (depending on the driving speed), you can open one window slightly. If the sunroof encounters an obstacle during the closing process, the anti pinch function will be triggered, and the sunroof or sunshade will move slightly in the opposite direction and stop. If it is unsuccessful to close again after removing the obstacle, press and hold the close button "" on the control panel, to force the sunroof to close. °

Panoramic sunroof initialization

When the panoramic roof and sunroof blind cannot work normally, perform the initialization of panoramic sunroof according to the following steps:

1. Start the vehicle, close the panoramic sunroof and sunroof blind, press and hold the panoramic sunroof button or sunroof blind button in the forward direction of the vehicle for more than 6s until the fully closed position stops (the button cannot be released at this time, otherwise initialization fails). After completion, initialization of the sunroof and sunroof blind are completed, The function can be confirmed by operating the sunroof button and the sunroof blind button °
2. Release the button.
3. Operate the sunroof button close gear again within 6S and keep it for 4S, the sunroof glass will tilt / slide open, and the sunroof blind will also move in the opening direction. After the sunroof glass is fully opened, the sunroof glass will start to close. After the sunroof glass is closed, the sunroof blind will start to close.
4. Fully close, release the button, and the initialization of panoramic sunroof is completed.

Backdoor

Opening/closing Backdoor

Backdoor opening conditions :

- The key is within the vehicle detection range.
- Power supply voltage of Backdoor system is 9v-16v.
- When the vehicle is powered off or powered on, and the vehicle is in gear P.
- Vehicle speed less than 5km / h °

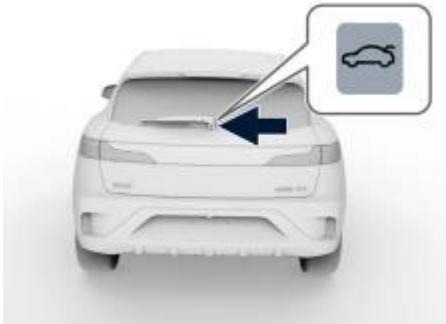


Illustration : Backdoor unlock button.

Open Backdoor

When vehicle unlocked, carry the key or put it in vehicle. Press the back door unlocking button to open Backdoor.



Warning

When opening or closing Backdoor, check whether there are obstacles (pedestrians or objects) around Backdoor to prevent damage to Backdoor or objects and pedestrian injury during the opening or closing of Backdoor. °

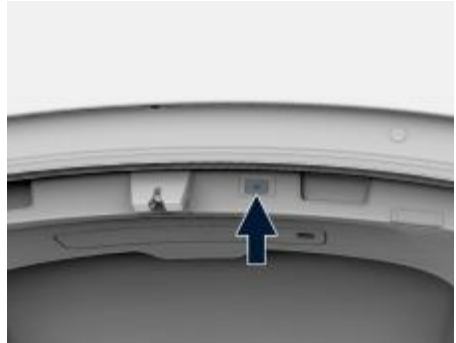


Illustration : Lower edge closing button of Backdoor

Closing Backdoor

Press Backdoor closing button on the lower edge of Backdoor to close Backdoor.

Turn on and off with the remote key

You can also unlock Backdoor with the remote key.



Illustration : The foot movement detection sensor is located under the bumper.

Electric Backdoor capable of sensing foot movement

When you stand at the rear of the vehicle and are ready to activate the foot movement detection sensor, please make sure that you have carried the remote key with you or placed it within the effective control range, and the vehicle is not under high voltage.

- After activating the foot movement sensing function, you can open / close the back door without using your hands and kicking gently towards the front of the vehicle under the rear bumper. When you open / close the back door, there is a beep alarm
- When the back door is opened / closed to the appropriate height, the light kick to the front of the vehicle again will execute the stop action.
- If the electric back door encounters an obstacle when it is closed, the back door will trigger anti pinch and reverse 5 ° and give a buzzer alarm. After removing the obstacle, please operate each switch again to open and close the back door.

Warning

When cleaning the vehicle automatically, please ensure that the remote key is not within the control range. If the back door is opened inadvertently, it may damage the back door.

Instruction

If the foot movement detection sensor is blocked by snow, ice, dirt, etc., the foot movement detection function may not operate normally, so please keep the sensor clean.



Illustration : Settings > Vehicle control (Different configuration with different functions, please take the real vehicle as the standard)

Portable open / close Backdoor

- 1 **Back door opening / closing :** Click the button to open or close Backdoor.

Anti-pinch protection

If the electric Backdoor encounters an obstacle when it is closed, the back door will trigger anti pinch and reverse 5°, and give a buzzer alarm. After removing the obstacle, please operate each switch again to open and close the back door.



Warning

When opening or closing the electric backdoor, ensure that there is no one nearby. When operating the electric backdoor, do not hinder the action of the electric backdoor in any way

Set maximum opening angle

If necessary, you can set the opening angle of the electric backdoor :

1. Open the electric backdoor and manually adjust the height to the required position.
2. Press and hold the close button on the lower edge of the electric backdoor for about 5S, and the buzzer alarm sound will sound at the same time. The opening angle has been set.

Restore maximum opening angle :

1. Open the electric backdoor and manually adjust it to the maximum position angle.
2. Press and hold the close button on the lower edge of the electric back door for about 5S, and the buzzer alarm sound will sound at the same time. The maximum opening angle has been set.



Warning

When opening or closing the electric back door, please ensure that there is no one in the opening or closing path of the electric back door, otherwise personal injury may be caused.



Attention

Do not use excessive force when opening or closing the electric back door manually. Otherwise, the electric back door may be damaged or function abnormally.



Instruction

If the vehicle battery is discharged or disconnected, be sure to manually turn it on and off once for initialization.

Front hood



Picture: Front hood opening handle

Open the front hatch

Pull the opening handle at the lower part of the dashboard on the driver's side twice in a row, and the front hatch will automatically unlock and pop up to a certain height. You can manually lift the front hatch.



Warning

Before opening or closing the front hatch, it is important to check that there are no obstacles (personnel and objects) around the front hatch, otherwise damage or serious injury may result.



Note

Generally, after pulling the hood over the balance point, the hood can rise to the top by itself, but at low temperatures (-30 °C ~-0 °C), you need to push the hood until it is fully opened. At this time, the hood can be kept near the maximum opening position (5 Within °) does not fall.



Picture: The front hood pressing position

Close the front hatch

The front hatch of the vehicle cannot be locked by its own weight, and pressure on the front edge or center of the vehicle will damage the front hatch.

Close the front hatch properly:

1. Lower the front hatch completely until it touches the latch.
2. Place your hands in the area in front of the front cover as shown in the figure, and press down firmly with both hands to engage the front cover latch.
3. Gently lift the front edge of the front hatch and check to make sure it is completely closed.



Dangerous

Do not drive the vehicle when the front hatch is only secured by the spare latch.



Warning

Prevent damage:

- Do not close the front hatch with one hand, as this will concentrate the force in one area, which may cause dents or bends.
- Do not press on the front edge of the front hatch, otherwise the edge may bend.
- Do not close the front hatch forcibly or let it fall freely.

Seat and safety

The overview of seats and safety restraint systems helps you understand the performance of related components. In addition, you can quickly become familiar with the working principles of various operations.

Front seat



Picture: correct driving position

Correct driving position

In order to protect your safety to the utmost extent, the seat, headrest, seat belt and airbag must be used together. Proper use of these safety devices can ensure better protection.

Adjust the seat position so that the seat belt is properly worn while staying as far away from the front airbag as possible:

- Sit upright with your feet on the floor and the seat back should not tilt more than 30°.
- Make sure you can easily step on the pedals, bend your arms slightly when holding the steering wheel, and leave at least 25 cm between the chest and the center of the airbag cover.
- Place the middle part of the seat belt between the neck and shoulders, and wrap the overlapping part of the seat belt tightly around the hip joint, not the abdomen.

(When measuring the depth of the seat cushion) The front and rear position of the front seat and the state of the backrest angle

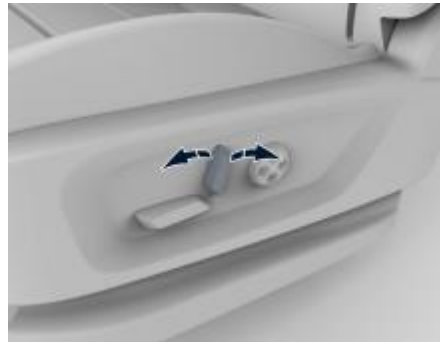
The front seat slide rail is adjusted to the final position, and the backrest is at an angle of 25° from the vertical.



Picture: Seat forward/backward/height adjustment button

Adjust seat forward and backward/height

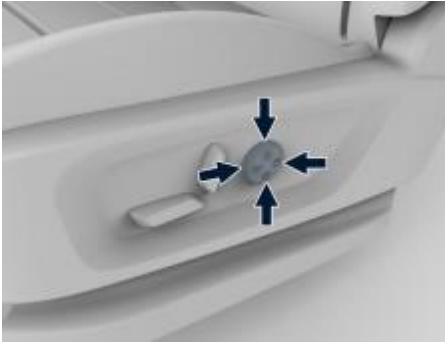
- 1 Move the seat forward/backward and release the adjustment button when it is adjusted to a suitable position.
- 2 Adjust the tilt angle of the seat up/down, and release the adjustment button when it is adjusted to a suitable angle.
- 3 Adjust the seat height up/down, and release the adjustment button when it is adjusted to a suitable angle.



Picture: Backrest tilt angle adjustment button

Adjust backrest tilt angle

Toggle the electric button for adjusting the angle of the outer backrest of the seat back and forth. After the angle is adjusted to a suitable angle, release the angle adjustment button.



Picture: Waist support adjustment button

Waist support adjustment

After inflating and deflating the air bag in the seat, adjust the seat waist support to a suitable position, and then release the waist support adjustment button.



Warning

- Before adjusting the front seats, make sure that there are no obstacles in the area around the seats.
- During driving, do not adjust the seat, otherwise it will increase the risk of accident.
- Excessive tilting of the seat back during driving may cause serious injury in the event of a collision, because the body is very easy to slip under the seat belt or be tightly restrained by the seat belt at this time. Make sure that the seat back cannot be tilted more than 30 degrees when the vehicle is driving.

Introduction

At the same time, you can only control one electric seat adjustment button to adjust the seat.



Picture: Seat adjustment status

Front seat cushion depth : 495mm

8 ways seats adjustment

Compared with the design position, the design position of the main driver can be adjusted forward by 220mm, the design position of the assistant driver can be adjusted forward by 180mm (A1), and the design position of the front row can be adjusted backward by 20mm (A2).

Compared to the design position, the seat back angle can be adjusted forward by 25° (β_1) or backward by 49° (β_2).

Compared to the design position, the seat height can be adjusted up to 40mm (B1) or down to 20mm (B2).



Picture: Settings> Seat (Different configuration functions are different, please refer to the actual vehicle)


Use driver seat memory

- 1 **Memory position** : Equipped with three seat position modes.
- 2 **Change memory position name** : Edit name
- 3 **Reserve** : Reserve current position
- 4 **Cancel** : Cancel current position

Reserve memory setting

If you want to reserve a position in the memory, you need to turn on the touch screen and perform the following operations:

- Adjust the seat to the desired position and click the reserve button. After success, a dialog box will pop up on the touch screen to remind you that the operation was successful.

 Warning	
The seat position memory setting is only used when parking.	3

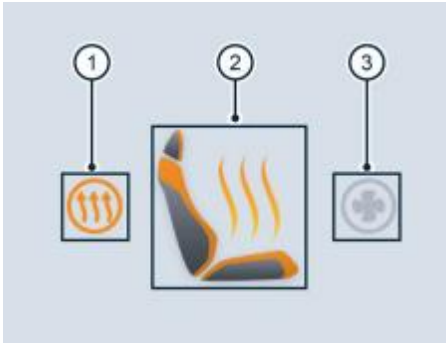


Picture: The front headrest is an integral headrest

Front headrest

The front headrest is a supplementary device for the vehicle safety system. In certain collision accidents, the headrest can provide additional protection to prevent personal injury.

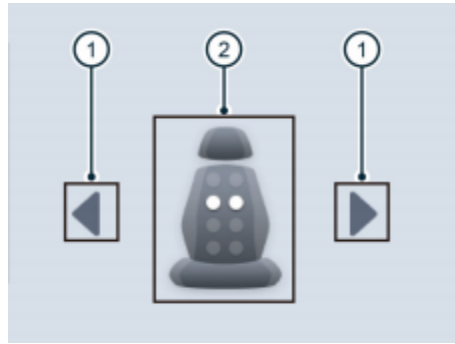
- The front headrest is an integrated seat type, which cannot be adjusted or removed.



Picture: Air-conditioning expanded display

Heated and ventilated front seats

- 1 **Seat heating** : Tap the button to turn on/off the seat heating function.
- 2 **Level adjust** : Tap the button to switch level, there are three levels
- 3 **Seat ventilation** : Tap the button to turn on/off the seat ventilation function.



Picture: Air-conditioning expanded display

Front seat massage

- 1 **Massage function** : Click the button to switch the seat massage function. There are five types: wave type, jumping type, rising type, waist type, and falling type.
- 2 **level adjust** : Click the button to switch level. There are three level modes.



Dangerous

If you or the passengers in the car cannot monitor the seat temperature or the body parts in contact with the seat cannot sense pain, do not turn on the seat heater, otherwise it may cause personal injury.

The following people (including but not limited to), please do not turn on the seat heater, otherwise it may cause personal injury:

- Infants, children, the elderly, the disabled or patients in the outpatient department of a hospital.
- Those with sensitive skin or those who are prone to burns.
- Exhausted passengers.
- Drunk passenger.
- People who are taking medicines (sleeping pills, cold medicines, etc.) that make people feel sleepy, drowsy, or other discomfort.
- Other occupants who cannot monitor the seat temperature or who do not feel pain.



Note

The heating and ventilation functions of the front seats cannot be activated at the same time.

Rear seat



Picture: The unlocking device is located on the rear side of the outer rear headrest

Folding rear seat backrest

Both parts of the rear seat backrest can be folded separately to facilitate the transportation of longer cargo.

Unfold the seat back in reverse order

1. Before lifting the rear seat, make sure that the seat belt is not stuck behind the backrest.
2. Pull the seat back up until it locks into place.
3. Install the rear middle headrest.



Warning

- When the seat returns to its original position, it must be confirmed that it is securely fixed in the locked position. If it is not completely locked, it may cause injury during driving or sudden braking.



Warning

- Do not apply a load exceeding 20kg on the folded seat backrest.
- The rear seat cannot be folded while the vehicle is driving, because when the vehicle decelerates or accelerates suddenly, it may cause injury to the person folding the seat.
- When there are passengers or luggage in the rear seat, do not fold the corresponding rear seat.
- Properly secure luggage to prevent it from sliding or moving, and do not place luggage higher than the seat backrest.
- When the seat is in the folded position, no one is allowed to ride in the luggage area or the rear seat. Passengers who use these areas without proper protection may cause serious injury while driving or when braking suddenly.
- Be careful not to damage the seat belt when folding the rear seats.
- Before folding the seat back down, remove the headrest and store it safely, otherwise the headrest may be damaged.

Before folding the rear seats, it may be necessary to adjust the front seats forward to fully fold the rear seats forward.

1. Press the unlocking point to unlock it, and then tilt the backrest forward.





Picture: Rear middle headrest

Rear middle headrest

The front seats and rear side seats are equipped with non-adjustable integrated headrest

The middle rear seat is equipped with an adjustable headrest that can be raised, lowered or detached. The height of the headrest can be adjusted according to the height, so that the passenger's head is fully leaned on the safety headrest as much as possible.



Warning

Be sure to remind the passengers in the rear middle seat to adjust the headrest to a suitable height to reduce the risk of serious injury in the event of a collision.



Picture: Adjusting/removing the head rest

Adjust rear middle headrest

1. Press the lock button on the side to release the headrest.
2. Adjust the headrest up/down to the proper position.

Remove rear middle headrest

1. Press and hold the button at the bottom of the outside.
2. Pull up the headrest.



Warning

- If the head rest of the rear seat seated by a person is removed, please do not drive the vehicle. Incorrect adjustment of the headrest will increase the risk of neck injury in a collision.
- Make sure to store the removed headrest properly, otherwise, an accident or emergency braking may cause serious injury or death.

Install headrest

1. Align the headrest rod with the seat mounting hole.
2. Press and hold the lock button and press the headrest.
3. Adjust the headrest appropriately to ensure that it is locked in place.


Child safety seat



Picture: Do not install a child seat on the front passenger seat

Children's ride guide

In order to protect infant passengers, the child safety seat used must be suitable for the child's age, weight and height. Even if a child safety seat or booster seat is used, do not allow children to ride in the front seat when the airbag opening function is activated.

 **Dangerous**

- You are responsible for the safety of the children during the itinerary.
- Do not allow children to stand or kneel on the seat, and do not allow children to stay in the trunk area, otherwise the child may be seriously injured or killed during a collision or emergency braking.
- Do not leave children alone in the car unattended, and do not let children carry the keys, otherwise the children may cause personal injury or vehicle damage due to misoperation of the shift lever and other components.
- Before driving, please close the window and door locks to prevent children from opening the doors or accidentally operating the power windows.
- Please place the child on the safety seat and do not hold the child in your arms. Otherwise, in the event of an accident, the child may be injured due to insufficient restraint.
- Do not use the rear-facing child restraint system on a seat protected by a front airbag (in the activated state).

Warning

- It is recommended to install child safety seats on the rear seats. According to accident statistics, children sitting in the rear seats are safer than the front seats.
- A child safety seat facing backward cannot be installed on it. When the airbag is detonated, the impact force is great. When an accident occurs, the child safety seat may be impacted, which will seriously injure children and even endanger lives.
- Do not use a forward-facing child safety seat until the child weighs more than 9kg and can ride independently. The spine and neck of children under two years of age are not fully developed. Avoid frontal collision injuries.
- It is recommended that babies or toddlers sit in child safety seats. You should choose a child safety seat that fits your vehicle. Babies and toddlers cannot sit on your lap. Even the strongest adults cannot withstand the impact of an accident. Children between adults and vehicles will be squeezed. Similarly, you and infants cannot use the same seat belt.
- The direction of the child safety seat is not simply facing forward or backward, but is determined by the model of the child safety seat and the height of the child. Refer to the detailed instructions of the child safety seat manufacturer.
- Adjusting the seat back can facilitate the installation of the child safety seat system, and install and use it in strict accordance with the product instructions. In addition, there are many models of child safety seat systems suitable for older children, which can be used for maximum protection.
- The movement of the child safety seat cannot exceed 2.5cm. If it is not securely fastened, you should tighten the seat belt as much as possible or fix it to another seat and check again.



Choose a child safety seat

Refer to the recommendations in the table below to install a child safety seat suitable for your vehicle in the specified position.

Quality group	Seat position			
	Front passenger seat	Rear four-point seat	Rear six-point middle seat	Rear six-point outer seats
0 · 0+ group : <13kg	×	L* 、 I*	×	L* 、 I*
I group 9kg ~ 18kg	×	L* 、 I*	×	L* 、 I*
II · IIgroup : 15kg ~ 36kg	×	L	×	L

L : Suitable for special child safety seats.

I : It is suitable for the safe fixing of the "ISOFIX" child seat.

* : Only backward-facing types.

Information on the adaptability of different ISOFIX positions to the ISOFIX child restraint system

Quality group	Size category	Fixed module	ISOFIX position on the vehicle			
			Front passenger	Outside of back row	Middle back row	Other position
Portable bed	F	ISO / L1	NA	IL	NA	NA
	G	ISO / L2	NA	IL	NA	NA
		(1)	NA	IL	NA	NA
0 group : < 10kg	E	ISO / R1	NA	IL	NA	NA
		(1)	NA	IL	NA	NA
0+ group : < 13kg	E	ISO / R1	NA	IL	NA	NA
	D	ISO / R2	NA	IL	NA	NA
	C	ISO / R3	NA	IL	NA	NA
		(1)	NA	IL	NA	NA
I group : 9kg-18kg	D	ISO / R2	NA	IL 、 IUF	NA	NA
	C	ISO / R3	NA	IL 、 IUF	NA	NA
	B	ISO / F2	NA	IL 、 IUF	NA	NA
	B1	ISO / F2X	NA	IL 、 IUF	NA	NA
	A	ISO / F3	NA	IL 、 IUF	NA	NA
		(1)	NA	IL 、 IUF	NA	NA
II组： 15kg-25kg		(1)	NA	IL	NA	NA
III组： 22kg-36kg		(1)	NA	IL	NA	NA

Note :

“ (1) ” : For child restraint systems (A-G) that are not classified according to ISO/XX size, for the applicable quality group, the vehicle manufacturer should specify the recommended ISOFIX child restraint system for each vehicle seat.

IUF : It is applicable to the forward general ISOFIX child restraint system approved by this quality group.

IL : It is suitable for special ISOFIX child restraint systems. These restraint systems may be special vehicles, restricted or semi-universal.


NA : The position of ISOFIX does not apply to the ISOFIX child restraint system of this quality group or this size category.




Picture: ISOFIX fixture

Install the ISOFIX child seat

The ISOFIX fixtures are located in the two seats on the outside of the rear row. The location of the fixtures is marked with ISOFIX.

	Dangerous
Never install a child seat in the middle rear seat.	

	Note
When installing a child safety seat or baby seat, please refer to the manufacturer's instructions. Please put the child safety seat installation instructions into the glove box for easy reference at any time.	

1. Unzip the ISOFIX fixture zipper.
2. Install the child safety seat in the ISOFIX fixture according to the child safety seat installation instructions.
3. Fasten the top strap behind the rear seat.
4. Pull out and rock the child safety seat from side to side to make sure it is secured in place.



Picture: Top strap fixing device

Use the top strap fixing device

Fasten the hook to the anchor support and fasten the top strap to make sure that the top strap is fastened.

- Read carefully and follow the detailed instructions provided by the child safety seat manufacturer.

Test child safety seats

Before a child rides, always make sure that the child safety seat is not loose:

- Fix the child safety seat according to the seat belt path and try to slide the safety seat from side to side, front to back.
- If the seat moves more than 2.5cm, please fasten the seat belt or reconnect the ISOFIX fixed child safety seat.
- If you can't fasten it tightly, try the other side of the seat or change to a child safety seat.

Seat belts

Seat belts function

In the event of a collision, wearing a seat belt correctly can reduce personal injury and protect the head and chest of the driver and passengers from injury.

Before each trip, drivers and passengers must wear safety belts in the correct way, otherwise, serious personal injury or death may result in accidents.

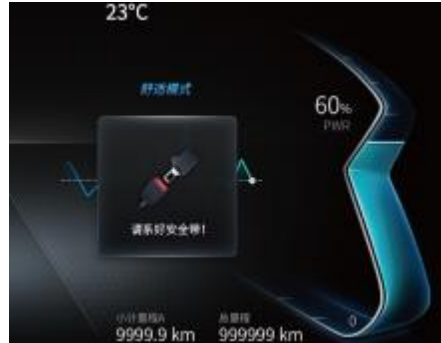
Dangerous

Please strictly follow the warning information below, otherwise it may cause personal injury or death and vehicle damage.

- Each seat belt is only allowed to be used by one person. Please do not share a seat belt with multiple people (including children).
- Do not modify or remove the seat belt or install equipment that may change the direction or tension of the seat belt.

Warning

After any vehicle collision, SERES center should check the seat belt system. Even if the seat belt does not appear to be damaged, some of its internal protection functions may have failed. If the seat belt is found to be damaged or operating abnormally, you must Replace the seat belt.



Picture: The pop-up window reminds that the seat belt is not fastened on the display of the instrument

No seat belt reminder

The seat belt not fastened warning system is used to remind the occupants of the vehicle to fasten their seat belts before driving.

When the main driver is not wearing a seat belt, the vehicle cannot start driving, and the instrument display will light up a visual warning icon.

When the vehicle starts and a passenger does not fasten the seat belt, the instrument display will light up the visual warning icon. When the vehicle is driving, the occupants in the vehicle still have not fastened the seat belt and the vehicle speed or mileage reaches 10km/h. When the seat belt is not fastened, the system will also send out an audible warning signal. After the alarm lasts for 90 seconds, the warning tone will automatically disappear, and the visual warning icon will continue to light up until you fasten the seat belt.

The reminder device reminds the occupants in the following ways:

- The seat belt visual indicator and vehicle icon on the instrument display.
- Sound reminder signal.



Wear a seat belt

Using seat belts and child safety seats is the most effective way to protect the occupants in the car in the event of a collision. Therefore, the law requires seat belts to be worn.

Both the driver's seat and the passenger seat are equipped with a three-point inertia reel seat belt. The inertia reel seat belt will automatically tighten, so that the occupants in the car can move comfortably under normal driving conditions.



Picture: the use of seat belts

Fasten seat belt

1. Make sure that the seat is correctly positioned.
2. Pull out the seat belt smoothly to ensure that the seat belt goes around the entire pelvis, chest, and mid-point of the collarbone smoothly, keeping it between the neck and shoulders.
3. Insert the latch plate into the buckle and press it down until it clicks, indicating that it is locked in place.
4. Pull the shoulder strap towards the retractor to remove extra slack. Make sure that the straps pass through your shoulders and cross your chest comfortably.

Unlock the seat belt

1. Press the seat belt buckle button and the seat belt will automatically retract. When you are not using the seat belt, place the seat belt properly.
2. If the seat belt is not fully retracted, manually retract it so that the seat belt is not in a loose and hanging state.

Note

When releasing the seat belt, it is recommended to hold the seat belt before pressing the unlock button to prevent the seat belt from retracting too fast and causing personal injury and vehicle damage.



Picture: Pregnant women wearing seat belts

Pregnant women wearing seat belts

It is very important for pregnant women to fasten their seat belts correctly when riding in a vehicle.

The seat belt must be fastened comfortably. Pull down the waist belt as much as possible to make it go around the hips instead of the waist. The shoulder belt should pass through the shoulders and chest. The shoulder belt or waist belt of the seat belt should not be passed through the abdomen. Please consult your doctor for specific instructions.



Dangerous

Please strictly follow the warning information below, otherwise it may cause serious injury or even death of the pregnant woman and fetus.

- When riding, it is strictly forbidden to move the seat belt upwards. The seat belt must be tightened to prevent it from sagging, and to ensure that it fits firmly against the body without twisting.
- When pregnant women use the seat belt, they should avoid the seat belt touching the raised abdomen. The waist belt should be flat against the thigh and placed as low as possible under the abdomen.

Before driving a car, pregnant women should consult their doctor if they can drive a car. To reduce the risk of injury to you and your unborn baby, please follow the instructions below when driving:

- As your pregnancy grows, you should adjust the seat and steering wheel to make it easier to maintain control of the vehicle (this means you must be able to easily operate the pedals and steering wheel).
- In this case, you should adjust the seat position as much as possible to maximize the distance between the abdomen and the steering wheel.



Picture: Front seat belt height adjustment

Seat belt height adjustment

Press and hold the adjustment button to adjust the height of the seat belt up and down to a suitable position.

Wounded person wearing seat belt

It is recommended that the wounded use a seat belt, please consult your doctor for specific advice.

Seat belt pretensioner

The front seat belts are equipped with pretensioners. In the event of a serious frontal collision, they work with the airbag. The pretensioners automatically retract the seat belt retainer and seat belt to reduce the overlap of the seat belt. Partial and diagonal slack, thereby reducing the forward movement of the driver and occupant.

Even if the pretensioners and airbags are not activated during a collision, it does not mean that they are malfunctioning. It usually means that the strength or type of collision did not activate them.

Warning

Once the seat belt pretensioner is activated, it must be replaced. After an accident, the airbag, seat belt pretensioner, and other related components must be submitted for inspection and replaced if necessary.

Clean the seat belt

You can wipe the seat belt with a sponge dipped in neutral soapy water. After wiping, place the seat belt in a cool place and dry it for use.

Warning

The seat belt can only be cleaned on the car and cannot be disassembled at will.

Check the seat belt

The seat belt is an important safety component. Please check the seat belt according to the following steps before each driving. If there is any abnormality, please contact the SERES Center immediately.

- Check whether the seat belt is twisted or dirty.
- Check whether the seat belt is severely worn, cut, or burned.
- Insert the seat belt bolt into the buckle, pull the seat belt quickly, and check the fixing of the seat belt buckle.
- Pull the seat belt quickly to check the lock of the seat belt retractor.

Precautions for seat belts

Warning

Please strictly follow the warning information below, otherwise it may cause personal injury or death and vehicle damage.

- Make sure to wear the seat belt correctly. In the event of an accident, improperly wearing the seat belt will increase the risk of injury or death.
- Do not attach the seat belt to hard, fragile, or sharp objects on your clothes, such as pens, keys, glasses, etc. The pressure generated by the seat belt on these objects may cause injury.
- Each seat belt can only be used by one driver and occupant in the vehicle.
- After any collision, you should go to SERES Center to inspect the seat belt assembly including the retractor and all accessories.
- If the seat belt has burrs, contamination or damage, it must be replaced in time.
- The user cannot modify the seat belt or add accessories, otherwise the seat belt adjustment device or the automatic retracting function of the seat belt assembly will be hindered.
- When the seat belt is not in use, it should be fully retracted, and the seat belt must not be placed in a loose and overhanging state.



Airbag

Airbag is a passive auxiliary protection system, usually used in conjunction with seat belts to provide additional protection for the head and chest of the occupants.

The main parts of the airbag system are:

- Electronic monitoring system (airbag control module and sensors).
- Two frontal airbags.
- Two front seat side airbags.
- Two curtain airbags.
- Seat belt pretensioner.

How airbags work

The airbag system will only operate when the vehicle is started.

The inflation of the airbag depends on the acceleration of the car at the time of the collision (triggered when the speed change is greater than 8km/h within 150ms, and locked when the speed change greater than 25km/h within 150ms). Based on the acceleration, determine whether the airbag will inflate.

The airbag inflates violently in an instant, accompanied by a loud noise. The inflated airbag and seat belt restrict the activities of the driver and passengers, thus reducing the risk of injury.

If you plan to modify the vehicle for the disabled, it will affect the airbag system of the vehicle. For details, please contact the SERES center.

The effect of inflation

When the airbag inflates, a fine powder is released. This powder may irritate the skin. Eyes and cuts or abrasions should be rinsed thoroughly.

After the airbag is inflated, it will bring a gradual shock absorption effect to the driver and passengers. Please make sure that the driver's front vision is not blocked.

If the airbag has been inflated, or the vehicle has experienced an accident, the airbag, seat belt pretensioner and any related components need to be checked. If necessary, the SERES Center will replace it.

In the event of a collision, in addition to the inflation of the airbag, the following safety measures are also implemented:

- The door is unlocked and the door handle pops out.
- The hazard warning light turns on.
- High voltage is disabled.
- Make an emergency call.
- Oil cut of range extender (extended range version).

Airbag warning indicator

■ If the airbag system fails, the airbag indicator on the instrument cluster will be on for a short time only when the vehicle is started for the first time. This is the only time. In this case, the indicator light will be on for a few seconds. If it still lights up, please contact SERES Center immediately. Do not drive.

Precautions for airbags



Dangerous

- Regardless of whether the seating position is equipped with airbags, all drivers in the car, including the driver himself, should always wear seat belts. In the event of a collision, the risk of serious injury or death can be minimized.
- Airbag inflation has considerable speed and strength, which may cause personal injury. To limit the injury, ensure that all drivers and passengers in the vehicle wear seat belts, and the seat position is as far back as possible.
- Passengers are not allowed to lean their heads on the door, otherwise, if the curtain airbag inflates, it may cause injury.
- Do not allow passengers to put their feet, knees or any other part of the body on or near the airbag, so as not to hinder the normal operation of the airbag and cause injury to the passengers.
- After inflation, some airbag components will heat up, please do not touch them until they cool down.

Airbag deployment conditions

System	Trigger description
Front airbag	The frontal airbag protects the head and chest of the driver/co-pilot and avoids direct impact from the steering wheel/instrument panel. The frontal airbag will inflate only in the event of a serious frontal collision.
Front seat side airbag	Side airbags protect the chest and pelvis of the human torso. Only when a serious side collision occurs, the side airbags will inflate, and the side airbags on the non-collision side will not inflate.
Curtain airbag	Curtain airbags help protect the head. In the event of a serious side collision, the airbag will inflate, and the curtain airbag on the non-collision side will not inflate.



Warning

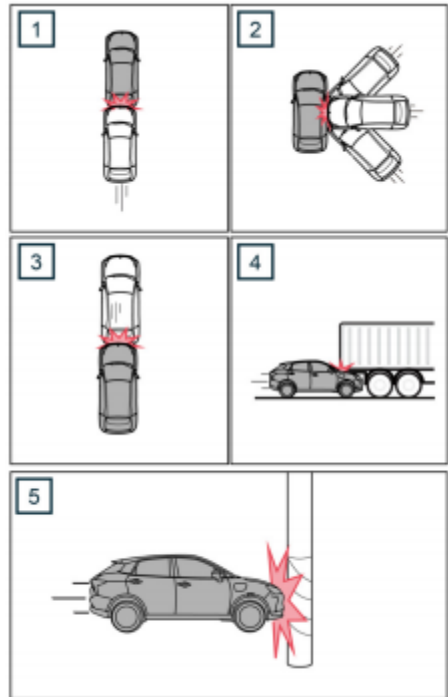
If the airbag deploys:

- The airbag system can only provide a one-time accident protection function. If the airbag has been triggered, the airbag system components must be replaced.
- After the airbag is deployed, please do not drive the vehicle. Please immediately contact the SERES Center to replace the vehicle safety system components.
- After any vehicle collision, the SERES Center should check whether the airbag and the installation area are damaged.
- Do not touch the interior parts around the airbag storage area (steering wheel, instrument panel, and roof rails), because these parts are very hot and may cause personal injury if touched.



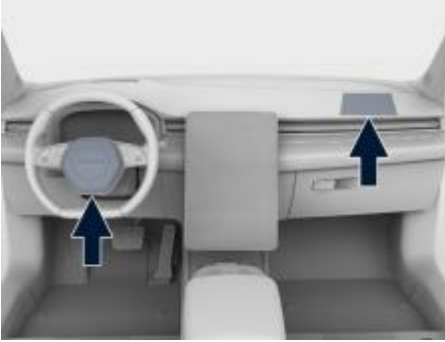
Circumstances where the airbag may not deploy

In many types of accidents, such as a rear collision, a side collision, an oblique collision, a special rear-end collision, a rollover accident, and some special collisions, the airbag may not deploy. Three collisions, or low-speed collisions, etc., even if the airbag is deployed, it cannot provide additional protection.



Picture: An example of a situation where the airbag may not deploy. The gray vehicle refers to the vehicle.

- 1 In the event of a rear-end collision, the front airbags generally do not deploy.
- 2 In the event of a side collision or rollover, the front airbags generally do not deploy.
- 3 If the deceleration or braking force does not meet the trigger conditions of the airbag sensor, the front airbag may not deploy. Such collisions include: rushing into a flexible object (such as snowdrifts or bushes), crashing into a hard fixed object at low speed, two vehicles. Cases such as collisions of vehicles with relatively low speeds.
- 4 The vehicle collided with a container truck or got into the lower part of the cart, but the collision force did not reach the trigger condition of the airbag sensor.
- 5 The vehicle collides with a columnar object or a tree, but the collision force does not meet the trigger condition of the airbag sensor.



Picture: Frontal airbag position

Frontal airbag position

The front airbag of the driver is installed in the center of the steering wheel, and the front airbag of the passenger side is installed above the glove box, and the "AIRBAG" mark is marked on the dashboard.

Dangerous

Do not install or place any accessories (cup holders, box holders, stickers, etc.) on the steering wheel or dashboard where the airbag is installed. Otherwise, these items may cause personal injury or death if the airbag is deployed.



Picture: Frontal airbag deployment

Frontal airbag deployment

Introduction

The front airbag will only deploy when the vehicle is severely affected by a collision. The front airbag will not deploy in all collision situations



Picture: Airbag warning icon

Passenger front airbag warning icon

Dangerous

- Never use a child safety seat on a seat with an airbag in the front, or allow children to ride, otherwise, if the airbag inflates, it may cause injury or death.
- Passengers who are less than 140 cm tall are not allowed to sit on the front passenger seat, otherwise death or serious injury may result.
- Do not use the rear-facing child restraint system on a seat protected by a front airbag (in the activated state).



Picture: the position of the front seat side airbag

Front seat side airbag

The front seat side airbag is installed on the outside of the front seat, and the seat guard is marked with the word "AIRBAG". When the vehicle is hit by a violent sideward impact, the front seat side airbag is deployed between the occupant and the door trim. Protect the occupant's chest, shoulders, and hips, and minimize injuries.



Dangerous

- Do not place any objects in the area between the outside of the seat and the door trim, otherwise it may cause personal injury or death when the airbag deploys. For more safety precautions, please refer to page 45.
- Do not use seat covers on the backrests of the front seats. The seat covers may interfere with the deployment of the side airbags on the front seats, causing personal injury or death.



Picture: Front seat side airbag deployment situation

Front seat side airbag deployment

Instruction

The front seat side airbags will only deploy when the vehicle is severely affected by a collision. The front seat side airbags will not deploy in all collision situations.



Picture: curtain airbag position

Curtain airbag

Curtain airbags are installed along both sides of the roof to protect the occupants sitting on the outer seats. The trim panel is marked with the word "AIRBAG".

In a side collision, the curtain airbag deploys to protect your head and other passengers from hitting the inner wall of the vehicle.



Dangerous

- Above or near the front airbag, the side of the front seat, the top of the roof on the side of the vehicle, and any other airbag cover that may interfere with the inflation of the airbag, no objects shall be attached or placed. If the vehicle is in a violent collision, Cause the airbag to inflate, these items may cause serious injury.



Picture: The curtain airbag deployment situation

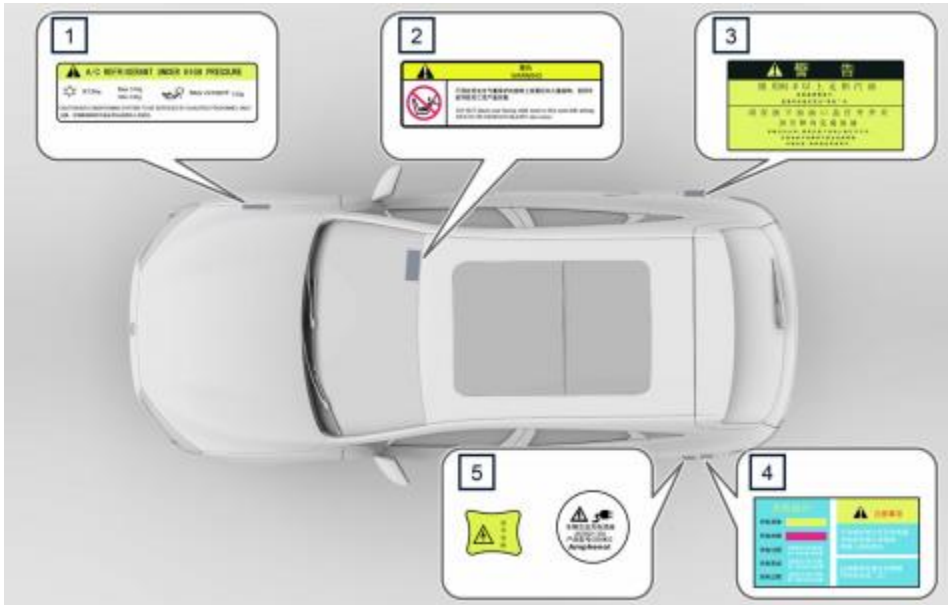
Curtain airbag deployment

Instruction

The curtain airbag will only deploy when the vehicle is severely affected by a collision. The curtain airbag will not deploy in all collision situations.



Security ID



Picture: Please refer to the actual label for the detailed information of the label

Vehicle safety icon location

The location of the relevant safety icon is shown in the figure:

- 1 The air conditioning fluid filling warning icon is located on the cabin cover.
- 2 The airbag hazard icon is located on the surface of the sun visor on the front passenger's side.
- 3 The oil warning icon is located on the oil filler cover.

4 The charging warning icon is located on the charging port cover.

5 The slow charge and fast charge danger icon are located on the charging port.

These icon are used to remind you of the potential hazards that may cause serious injury. Please read these icon carefully. If the icon fall off or are blurred, please contact the SERES Center in time and replace them.

Driving operation

In this chapter, you can learn about autonomously operating vehicles. The following will introduce you to all equipment related to driving and safety.

Preparation and inspection before driving

Check before driving

Before driving, please pay attention to the following items:

- Make sure that all car lights and turn indicators are working properly.
- Ensure that all tire pressures are within the normal range.
- Ensure that all car windows are clean and have high clarity.
- Correctly adjust the front seats and rearview mirrors.
- Make sure that nothing obstructs the pedal stroke.
- Be careful to secure all shipments and other items.

Wading driving

Before wading and driving, check the water depth.

During driving in still water, keep a very low speed, and be extra careful when driving in flowing water.

After wading and driving, the following inspections should be performed immediately when the vehicle is safe:

- Step on the brake pedal lightly to check whether the brake is working properly.
- Check if the horn is working.
- Turn the steering wheel to check whether the steering assist is working.
- Check whether the external lights are working.



Note

- If water enters the air filter, it will damage the range extender.
- Any component damage caused by water above the ground, air resistance, or insufficient oil is not covered by the warranty.

Improve economy

The energy consumption rate mainly depends on the driver's personal driving style.

Energy consumption rate, brake and tire wear rate are mainly determined by the following three factors:

- The driving style of the driver.
- Vehicle usage conditions (weather, road conditions, etc.).
- The technical status of the vehicle.

Use economical driving to ensure the lowest energy consumption.

Winter driving

Before driving in winter, it is necessary to make preparations and inspections. Before winter comes, please check the following items:

- Add enough antifreeze to the range extender coolant pot. To obtain the best antifreeze effect, please do not mix different types of antifreeze.
- In cold weather, the load on the battery will increase. Please check the starting battery status and charging status.
- To prevent the washing liquid from freezing, add antifreeze washing liquid to the washing pot.
- The use of winter tires and snow chains in winter road conditions can significantly improve the driving performance of the car.

Vehicle loading

The carrying capacity of the vehicle is determined by the number of occupants, the load capacity, and the weight of any accessories that may be installed.



Warning

A maximum of 5 people are allowed in this vehicle.

Overloading or improper loading will affect the handling and stability of the vehicle, cause a car accident, cause personal injury or death.

It is forbidden to store gasoline-filled containers or spray cans that may cause fires in the trunk.

The cargo loaded must not be higher than the upper edge of the seat back. The protection provided by the side air curtain may be reduced or invalidated due to higher cargo.

Be sure to secure the cargo, otherwise the cargo may shift and cause injury to the occupants during sudden braking.

Drive mode

Function introduction

The vehicle provides four driving modes of "economy, comfort, sports, and ejection" for you to choose. Due to different driving modes, the vehicle power output and response time are different, which can meet the different driving habits and travel needs of users, allowing you to experience different Driving pleasure.



Picture: Settings> Driving (Different configuration functions are different, please refer to the actual car)

Driving mode

- Eco mode** : Ensure that the vehicle is in the best economy and has soft power.
- Comfort mode** : Good economy, taking into account the driving experience of the whole vehicle, and comfortable power.
- Sport mode** : Excellent driving experience and plenty of power.
- Ejection mode** : After switching the ejection mode, the vehicle range extender will automatically start, and the user can have the ultimate power driving experience.

Driving mode control

According to the configuration of the vehicle you purchased, you can control four driving modes and memory modes through the touch screen:

- Through touch screen “ **Setting > Drive** ” control switch · when Simultaneously open “ **memory current mode** ” button
- When the vehicle is powered on again, the previously set driving mode can be automatically turned on · if close “ **memory current mode** ” · The vehicle defaults to economy mode.

Recommended mode

You can choose the appropriate driving mode according to different driving needs:

- When you want to pursue the dynamics and handling of the vehicle, it is recommended to use the sport and comfort modes frequently.
- When you want to pursue the ultimate driving pleasure, you can try to switch to the ejection mode, in which the dynamic response is very sensitive.
- In order to enhance the driving experience, you can also turn on the "Best Experience Mode" button through the touch screen of the vehicle's central control, and the corresponding mode settings of the vehicle will automatically switch to the best experience mode combination recommended at the factory.

Introduction

When selecting the ejection mode, be sure to stay focused. It is recommended to familiarize yourself with the operation on closed roads with better road conditions. At the same time, this mode is not recommended as a long-term driving mode.

Power system on & off

Turn on vehicle

When you open any door, the instrument and touch screen of the vehicle will turn on, and the status of each door will be displayed on the instrument. At this time, you can operate all the controllers.

① Note

The main driver and passenger seats of the vehicle are equipped with gravity sensors. Therefore, when there are occupants in the driver's seat or the passenger's seat, the instrument and touch screen of the vehicle will remain open and you can continue to operate all controls even if the 4 doors are closed. However, if the main driver or the co-driver has no occupants, close the 4 doors at this time, the instrument and touch screen will stop, and all power systems will stop working.

Drive preparation

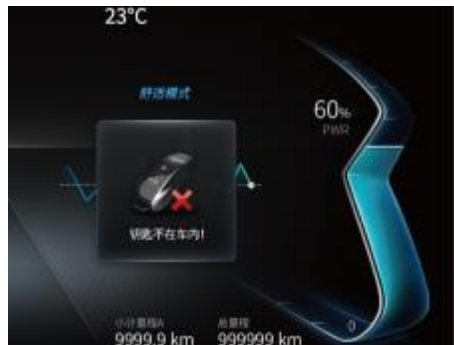
① Note

- When the driver sits in the main driving seat, the gravity sensor will sense the weight of the human body, and fasten the seat belt at this time.
- The instrument will display the speedometer, power meter, battery level and the selected gear (P, R, N or D).
- Depress the brake pedal and select a driving gear, the forward gear rotates to the right and the reverse gear rotates to the left.
- You must follow the above operations to start the car normally. When the car cannot be started normally, check whether the above operations are correct.



Gravity sensor

The gravity sensor is in the seat cushion to detect whether there is a person in the driver's seat and the driver needs to maintain a driving posture.



Picture: Instrument key detection pop-up window

Key detection

If the vehicle does not detect the vehicle key when you step on the brake pedal, a corresponding reminder message will be displayed on the meter indicating that the key is not detected.

Place the remote control key in the most easily detectable part of the vehicle, that is, in the storage box under the touch screen or carry it with you.

When you leave the vehicle, you must carry the key with you to lock the vehicle manually or automatically.

The antenna for detecting the key is arranged on the roof. If the key is placed on the roof or rear windshield, the antenna may mistake the key for the inside of the car. Please do not place the key on the roof or rear windshield.



Picture: P gear position turn off the vehicle

P gear position turn off the vehicle

When you finish driving, you can press the shift knob to switch to the parking gear, the parking brake is automatically activated and all systems remain in working condition, when you take the key to get out of the car's main and co-pilot seats and close all the doors, The vehicle will automatically turn off the power, turn off the instrument and touch screen.

When you leave, the main and co-pilot seats are unmanned, and the door is not closed, the vehicle is in a low-voltage state, and the vehicle will automatically be powered off after 15 minutes.



Picture: Settings> Security and Maintenance (Different configuration functions are different, please refer to the actual vehicle)

Portable turn off vehicle

- 1 **Power off normally** : When the gear is in the P gear, click the button to turn off the power of the vehicle. If you step on the brake pedal, the vehicle will automatically turn on the power again.
- 2 **Emergency power off** : In case of high voltage danger, click the button to realize the power off operation. If this operation is performed, the vehicle needs to be powered on again to use the vehicle.

Steering wheel



Picture: steering wheel button

Steering wheel button

- 1 **Steering wheel OK button** : Confirm choice
- 2 **Backspace** : back to last class
- 3 **Photo shortcut** : Take a DVR photo. If the DVR is not turned on, short press has no response.
- 4 **Direction button** : Control the content of the menu in the function area of the instrument, scroll up/down, and press the left/right button.
- 5 **Navigation shortcuts** : Enter Navi
- 6 **MODE button** : Switch the media source.
- 7 **Answer / Dial button** : Short press to dial/answer/end/end to answer the third party, long press to reject.
- 8 **Voice shortcut** : Open voice control
- 9 **Mute button** : Enter mute mode
- 10 **Direction button** : Scroll up/down to adjust the volume, short press left/right to switch the previous song/next song on the media.

Steering wheel



Example: Adjust the steering wheel

Adjust the steering wheel

You can adjust the steering wheel up/down and front/rear.

1. Push the lock lever down to release the steering wheel.
2. Adjust the steering wheel to a position that suits you.
3. Push the lock lever up to lock the steering wheel in place.
4. Try to move the steering wheel up, down, front and back, making sure you have locked the steering wheel firmly.

Danger

- When the vehicle is driving, it is strictly forbidden to adjust the steering wheel. In order to avoid dangerous driving and accidents, the steering wheel can only be adjusted when the vehicle is stopped.
- If you drive the vehicle without the steering column securely locked, you may accidentally shift the steering wheel and cause you to lose control of the vehicle.

 *illustrate*

Before adjusting the steering wheel, make sure you are sitting in the correct posture.

Gear



Example : Gear shift knob

Gear shift

Please fasten your seat belts and keep the doors closed before shifting gears.

When the vehicle is in the parking gear, the brake pedal must be depressed to switch the gear.

Turn the shift knob to the left or right to change gears.

 *illustrate*

If you try to switch to a gear that is prohibited by the current driving speed, you will hear a knocking sound and the gear will be not changed.

Reverse gear (R gear)

- P gear into R gear, you need to turn the shift knob to the left by two notches to the end. When shifting gears, press and hold the brake pedal at the same time, and the accelerator pedal is in the released state.

- N gear into R gear, turn the shift knob one click to the left. When shifting, if the vehicle is at a standstill, the brake pedal must be depressed and the accelerator pedal in the released state.

- D gear into R gear, you need to turn the shift knob to the left by two notches to the end. When shifting gears, the vehicle needs to have no forward speed, and at the same time step on the brake pedal, and the accelerator pedal is in the released state.

Neutral gear (N gear)

- To shift P gear into N gear, you need to rotate the shifter one step to the left or right, and you need to depress the brake pedal when shifting gears.

- To shift R gear into N gear, turn the shift knob one click to the right.

- To shift D gear into N gear, turn the shift knob to the left by one click.

- Rotate the shift knob to the left or right to the first position and release it to switch to neutral. The neutral position allows the vehicle to move freely.

Driving gear (D gear)

- P block into D block, the shifter needs to be rotated two squares to the right, and the brake pedal should be pressed at the same time when shifting, and the accelerator pedal should be in the released state.

- When the R block enters the D block, the shifter needs to be rotated two notches to the right. When shifting, the vehicle must not be speeding backward, and the brake pedal must be depressed at the same time, and the accelerator pedal must be in the released state.

- When N block is in D block, the shifter needs to be rotated one notch to the right. When shifting, if the vehicle is at a standstill, the brake pedal needs to be depressed and the accelerator pedal is in the released state.

Parking gear (P gear)

- When requesting to enter P gear, press the P gear button, and keep the vehicle at a standstill when shifting gears.

Notice

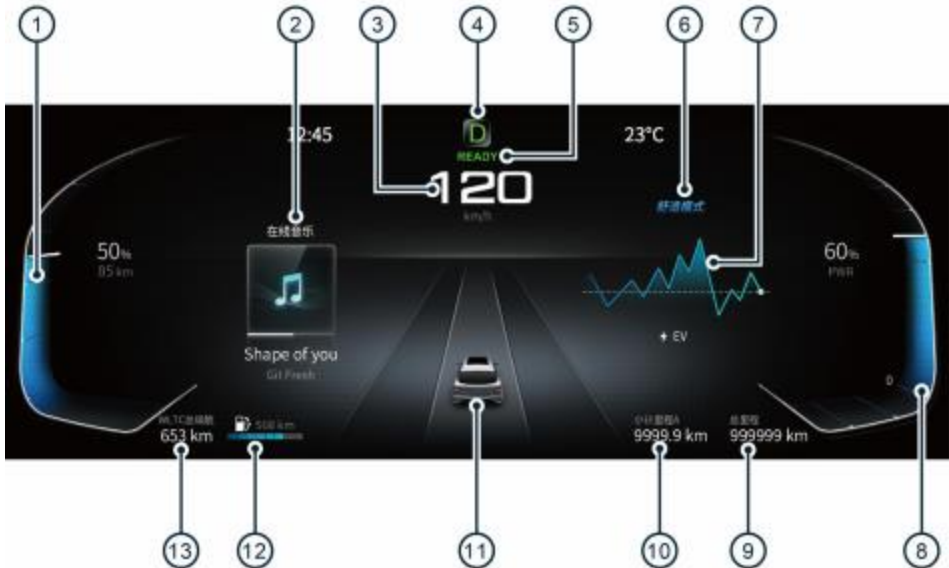
- When the vehicle is at a high speed, keep pressing the P gear button to trigger the dynamic parking function (refer to page 84).

Put the vehicle in neutral

To keep the vehicle in neutral at all times in order to maintain free movement (for example, using a transport vehicle to tow, etc.), please perform one of the following methods:

- Release the parking brake.
- Enable dragged mode (refer to page 146).

Combined instrument



Example : Instrument display screen (Picture indications or icons are for illustrative purposes only. Depending on vehicle options, software version, market area, OTA upgrades, etc., the displayed information may be slightly different. For specific information, please refer to the actual vehicle)

Display area description

1 Display the current battery meter and battery range

2 Trip computer, instrument and touch screen interactive information, menu setting.

3 Display the vehicle speed in the current state.

4 Display the current gear P / R / N / D (it will be empty when it is invalid)

5 READY indicator information

6 Display the current driving mode of the vehicle

7 Power curve, prompt pop-up information, alarm pop-up information

8 Power meter: Display according to the percentage of instantaneous power of the drive system

Color distinction of progress bar :

- When the power is between 0% and less than 80%, the instantaneous power figures are displayed in white.
- When the power is greater than 80%, the instantaneous power digital displays red.
- When the power is less than 0%, it is the braking energy recovery power, the power displays a negative value, the power progress bar is displayed in white, and the value is green.

9 Vehicle total mileage information

10 subtotal mileage information

11 ADAS function area














12 Fuel information, fuel mileage and mileage









13 Total mileage information



Example :Alarm indicator (Picture indications or icons are for illustrative purposes only. Depending on vehicle options, software version, market area, OTA upgrades, etc., the displayed information may be slightly different. For specific information, please refer to the actual vehicle)

Indicator light

-  Energy recovery: Energy recovery is in progress.
-  **READY** READY light: The vehicle is ready to drive.
-  Power limitation: vehicle power limitation.
-  Charging connection: the charger is connected.
-  Charging indicator: The vehicle is charging.
-  Low battery alarm: Please connect the charger.
-  Drive motor failure indicator: Please contact SERES service center immediately
-  Power battery failure indicator: Please contact SERES service center immediately
-  Power system failure indicator: Please follow the instructions in the displayed information and contact SERES service center immediately
-  Insulation system failure indicator: Please contact SERES service center immediately.
-  Coolant indicator flashes: Collant liquid level is low.
-  Coolant lamp is always on: warning of high coolant temperature.
-  Oil pressure indicator: It warns that the oil pressure is too low, please contact SERES service center immediately.

-  Range extender failure indicator: Please contact SERES service center immediately.
-  Low fuel warning light: Please refuel immediately.
-  Low-voltage battery charging indicator: Please follow the relevant instructions displayed.
-  DC / DC fault warning light: Please follow the instructions of the displayed information and contact SERES service center immediately.
The indicator light is always on: Please follow the instructions of the relevant information displayed and contact the SERES service center immediately.
-  **EPS** The indicator light flashes: the neutral signal is lost warning light, please follow the instructions of the displayed relevant information and immediately contact the SERES Service Center.
-  **EPS** The indicator light flashes: The vehicle electronic stability program (ESC) function activates the indicator light.
The indicator light is always on: the vehicle electronic stability program (ESC) failure indicator light, please follow the instructions of the relevant information displayed and contact the SERES service center immediately.
-  **EPS OFF** When the vehicle electronic stability program (ESC) is closed, the indicator light is on.
-  Indicator light for slow descent.



HDC activation indicator.



Automatic parking on indicator light.



Automatic parking activation light.



Anti-lock braking system (ABS) fault indicator: Follow the instructions and contact the SERES Service Center immediately.



Electronic brake force distribution (EBD) fault indicator: please follow the instructions and contact the SERES Service Center immediately.



The indicator light is always on: the electronic parking (EPB) completes the work.



The indicator light flashes: Electronic parking (EPB) emergency braking



EPB parking brake failure indicator light: Please follow the relevant information and contact SERES service center immediately.



Low brake fluid level warning light: Brake system failure, please follow the relevant information displayed



IBOOSTER indicator light: please follow the instructions displayed on the relevant information and immediately contact the SERES service center.



Airbag failure indicator: If this indicator does not flash briefly or stays on when the vehicle is ready to drive, please follow the instructions of the message and contact the SERES service center immediately.



The front passenger airbag deactivation indicator.



Main driver's seat belt indicator light: The driver's seat belt is not fastened



Co-pilot seat belt indicator light: The co-pilot passenger's seat belt is not fastened.



Rear right seat belt indicator light: The rear right passenger seat belt is not fastened.



Rear middle seat belt indicator light: The middle rear passenger seat belt is not fastened.



Rear left seat belt indicator: Rear left passenger seat belt is not fastened



Overspeed warning indicator: Please slow down immediately



Position light: The position light is turned on.



Low beam: The low beam is turned on.



Rear fog lamp: The rear fog lamp is turned on.



Left turn indicator: The left turn indicator is turned on.



Right turn indicator: The right turn indicator is on.



Hazard warning light: The warning light on.



Tire pressure indicator: If the tire pressure is abnormal, please contact SERES service center immediately.



High beam: The high beam is turned on.



Speed limit signs are displayed.



Cancel the speed limit sign display.



Blue indicator light: Smart high beam is on.



grey indicator light: adaptive cruise (ACC) function standby



Green indicator light: adaptive cruise (ACC) function is on



Red indicator light: adaptive cruise (ACC) function failure



Indicator light gray: Lane Departure Warning (LDW) function is on standby.



Green indicator light: The Lane Departure Warning (LDW) function is activated.



Red indicator light: The lane departure warning (LDW) function is malfunctioning.



Indicator light gray: Lane keeping (LKA) function is on standby.



Green indicator light: Lane keeping (LKA) function activate





Red indicator light: Lane Keeping (LKA) malfunction.



When the user turns off Blind Spot Detection (BSD) or Parallel Assist (LCA) function, prompt the user.



W When the rear radar system is obscured or turned off, the driver will be prompted.



When the automatic emergency braking (AEB) function is turned off, the driver will be prompted.



When the automatic emergency braking (AEB) function fails, the driver will be notified.



When the front collision warning (FCW) function is turned off, the driver will be notified.



When the automatic emergency braking (AEB) function fails, the driver will be notified.



When the congestion mode (TJA) / integrated cruise (ICA) is in the standby state, the indicator light is on.

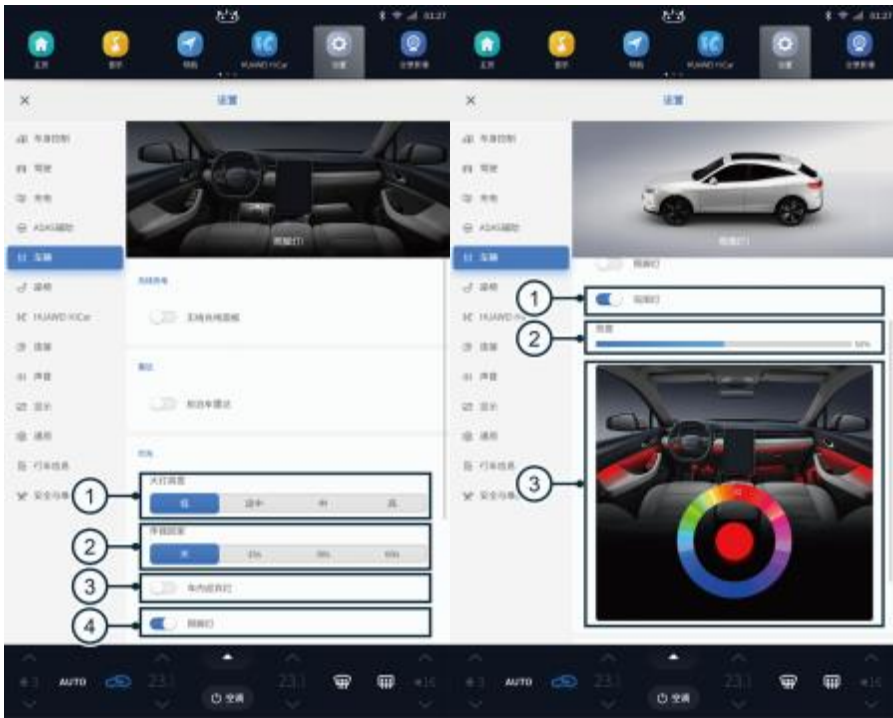


When the congestion mode (TJA) / integrated cruise (ICA) is activated, the indicator light is on.



When the function fails or the camera is blocked, the indicator light is on.

Lamplight



Example : Settings> Vehicle (Different configuration functions are different, please refer to the actual vehicle)

Example: Settings> Vehicle (Different configuration functions are different, please refer to the actual vehicle)

1 Headlight height :

- The height of the low beam can be adjusted. There are four levels of low, medium, medium and high. The default is high.

2 Accompany me home :

- You can turn on and off the Follow Me Home function and time setting. There are four levels: off, 15s, 30s, and 60s, and the default is 30s.

3 Welcome lights in the car :

- The welcome light in the car can be turned on, and it is turned on by default. °

4 Footlight :

- The footlight can be turned on, and the default is on.

1 Ambient light switch :

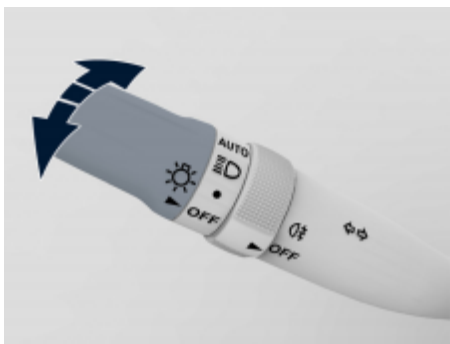
- Click the button to turn on/off the ambient light.

2 Ambient light brightness adjustment :

- Slide to adjust the brightness of the ambient light.

3 Ambient light color adjustment :

- The ambient light can be adjusted in 64 colors. Tap the color ring with your finger to change the display color of the ambient light.



Picture indication: Rotate the switch on the lever to adjust the type of external lighting °

Position lights and headlights

Rotate the light adjustment lever on the left side of the steering wheel to adjust the position lights and headlights.

- "OFF" gear: Neither the position lights nor the headlights light up.
- "AUTO" gear : The position lights and headlights will automatically turn on or off according to the intensity of the outside light.
- "●" gear : The front and rear position lights and the background lights of the indoor appliances are on.
- "☐" gear : The background light of the combination meter and the touch screen will be dimmed automatically, and the low beam light will be on.



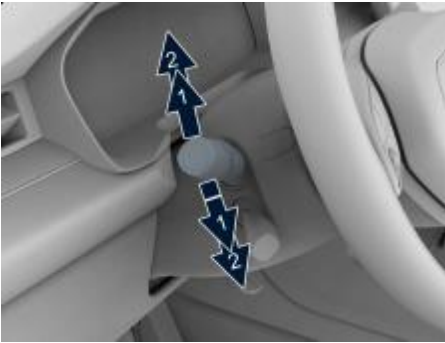
Picture indication: Flick up/down to switch the far/low beam

High beam warning

- 1 **High beam lights flashing** : Move the lever toward you to enable this function.
- 2 **Continuous high beam lighting** : Push the lever down to enable this function. It can only be enabled when the light adjustment wheel is turned to "●" or "AUTO".
 - You can also use the touch screen to adjust the height of the low beam and turn on the Follow Me Home function (please refer to page 63) °

Notice

For the driving safety of you and others, please adjust the headlights to the low beam state when meeting at night.



Picture indication: Flick up/down to turn on the turn signal light

Turn signal light

Turn on

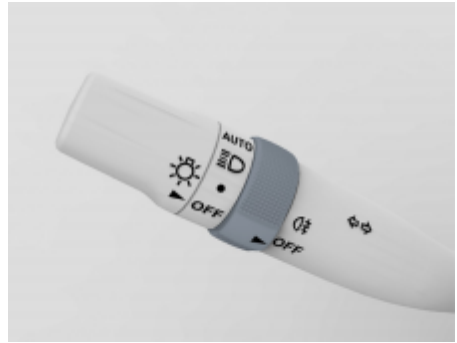
- 1 Down/up, gently move the lever, the lever will automatically return to the position, the left/right turn indicator flashes 5 times, and the left/right turn indicator in the meter flashes 5 times.
- 2 Down/up, move the lever to the end, the lever is locked, the left/right turn signal lights continue to flash, and the left/right turn indicator lights in the meter / continue to flash.

closure

If the steering wheel is reversed and rotated for a certain angle, the steering switch can automatically return to the middle position, and all the steering lights will go out at this time.

Notice

After turning or changing lanes, please make sure that the light control lever has been returned to the position, otherwise you should return it manually.



Picture indication: Rotate the switch on the lever to turn on the rear fog lamp

Rear fog lamps

When the rear fog lamp is turned on, it can only be activated when the lamp adjustment wheel is turned to "OFF" or "AUTO".

- "OFF": Turn on the rear fog lamp, and the rear fog lamp logo on the display of the instrument will light up at the same time.
- "OFF" gear: Turn off the rear fog lamp, and the rear fog lamp logo on the display screen of the instrument will be extinguished at the same time.



Picture indication: Front reading light (Picture indication is for illustration only, please refer to the actual car)

Front reading light

The front reading light is located in the sunroof console and is controlled by a separate switch.

- 1 Front reading light switch position
- 2 Front reading light



Icon: Rear reading light

Rear reading light

Press the lamp cover panel to turn on the rear reading lamp, and press the lamp cover again to close it.



Picture indication: Hazard warning light switch
(The Picture indication is for illustration only,
please refer to the actual vehicle)

Hazard warning lights

In emergency situations, such as extreme weather such as fog, snow, rain, sand and dust, or when the vehicle fails to drive normally, please turn on the hazard warning lights.

Press the hazard warning light switch to turn it on/off. At the same time, the turn indicator and the whole vehicle turn signal in the meter display start to flash, and then press the hazard warning light switch to turn it off.



Picture indication: SOS emergency button (the Picture indication is for illustrative purposes only, please refer to the actual car)

SOS

The SOS button should only be used in emergency situations, such as accidents, illness, or threats to occupants.

The vehicle provides you with the SOS function of emergency help. You can use this function when you encounter an emergency.

When you are in danger, press and hold the "SOS" alarm switch to help you quickly call the police (even when there is no network) and send out a distress signal.

Open the "SOS" protective cover, and short press the "SOS" alarm switch for 1s to 2s to realize E-CALL;

In an emergency, long press the "SOS" alarm switch to achieve emergency power-off.

1. Open the "SOS" protective cover.
2. Long press the "SOS" button for 4s to 10s.

Horn

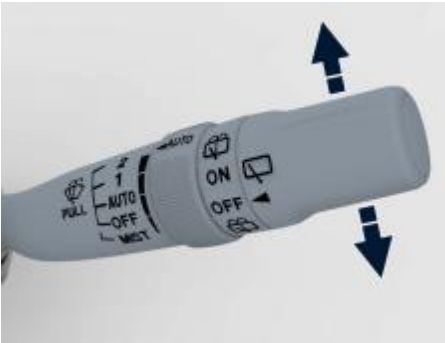


Picture indication: Horn switch

Horn

Press down on the middle airbag on the steering wheel to sound the horn.

Wiper washing



Picture indication: Toggle the lever up and down to adjust the wiper position

Use front windshield wiper

- “2” : Wiper blades work at high speed.
- “1” : The wiper works at low speed.
- “AUTO” : The wiper automatically works when the sensor detects rain, and the speed is adjusted according to the amount of rain. The sensitivity of the automatic wiper can be adjusted in 5 levels through the sensitivity knob in the middle of the handle.
- “OFF” : Turn off the wiper.
- “MIST” : The wiper sweeps once, and then the lever automatically returns to the original position.



Picture indication: Rotate the wheel on the lever to adjust the wiper speed.



Picture indication: Rotate the switch on the lever, turn on/off the wiper

Windshield wiper after use

- “ON” : The rear wiper automatically swings.
- “OFF” : The rear wiper turns off.

Notice

- Before using the wiper, please remove the ice and snow from the windshield first, and make sure that the wiper blade is not frozen in a fixed position.
- If there are lines or stains on the windshield, clean the windshield and wiper blades. If the problem is still not solved, replace the wiper blades with new ones.
- Never operate the wiper blade when the windshield is dry.



Picture indication: Operation front window washing

Front window scrubber

Notice

- It is strictly forbidden to operate the scrubber when the washing liquid in the liquid storage tank is insufficient. This will cause the scrubber pump to overheat.
- If the washing liquid freezes on the windshield, do not use the washer, otherwise your vision may be blocked.

Pull the wiper washer control lever toward the rear of the car until the required amount of washer fluid is sprayed on the windshield, and then the front windshield wiper wipes continuously 2 or 3 times, and then automatically returns to the initial position.




Picture indication: Window washing after operation

Rear window scrubber

Notice

- It is strictly forbidden to operate the scrubber when the washing liquid in the liquid storage tank is insufficient. This will cause the scrubber pump to overheat.
- If the washer fluid freezes on the windshield, do not use the washer.

When the knob switch is turned to the "  " position, it can be turned on and wiped to wash,

After spraying the required amount of washing liquid on the rear window glass, close the rear window and wash.

- 1 **Continuous scraping mode** : When it starts, it sprays the required amount of washing liquid, and then the windshield wiper continuously wipes the mode.
- 2 **Intermittent scraping mode** : When it starts, it sprays the required amount of washing liquid, and then the windshield wiper intermittently wipes the mode.

Rain sensor / automatic wiper

Notice

- If the washing liquid freezes on the windshield, do not use the rain sensor, otherwise your vision may be blocked.
- Before moving the lever to the wiper blade repair position or using the automatic car wash function, first deactivate the rain sensor, otherwise the wiper may turn on accidentally and cause unnecessary damage.
- Make sure to deactivate the rain sensor/auto wipe function before washing the car.

When the lever is at “AUTO” level: The rain sensor will automatically turn on the front windshield wiper according to the rain intensity, and the rain sensor is installed on the windshield.

Disable rain sensor / automatic wiper

Move the wiper lever to another position to turn off the rain sensor/auto wiperfunction.

Washing liquid level indication

Fill the cleaning fluid regularly

Notice

Do not use the washer when there is no washing liquid in the washing pot, otherwise it will damage the washer.

Rearview mirror



Picture indication: the outside mirror adjustment button

You can adjust the exterior mirrors using the mirror adjustment buttons on the driver's door trim.

Heated exterior mirrors

The exterior mirrors are equipped with heating and defrosting functions, and the rear defrosting switch is turned on or off at the same time.

Outside mirror

- 1 **Left button** : Press the corresponding switch to adjust the left side mirror, and the indicator light will light up at the same time.
- 2 **Right button** : Press the corresponding switch to adjust the outside mirror on the right side, and the indicator light will light up at the same time.



Picture indication: Round button for adjusting direction of exterior rearview mirror

Adjust the outside mirror

You can adjust the angle of the exterior mirror after pressing the corresponding rearview mirror adjustment button through the round button.



Picture indication: Folding exterior mirror button

When parking/driving in a narrow space, the exterior mirrors can be folded.

Folding car exterior mirror

Press the button and the exterior mirrors will automatically stop in the fully folded position.

Open the outside mirror

Press the button and the exterior mirrors will automatically stop in the fully extended position.

When reversing, automatically adjust the angle of the outside mirror (if equipped)

- If equipped with an optional technology software package, the two external rearview mirrors can automatically tilt downward when the vehicle is reversed.
- The automatic tilt position can be adjusted, first switch to the reverse gear, then press the button corresponding to the rearview mirror you want to adjust, and then press the round button to move the rearview mirror to the desired position.
- When you switch to the driving gear, the tilted rearview mirrors are reset to the normal (upward) position. If you have adjusted their position in reverse, they will automatically tilt to the selected direction when you switch to the reverse gear. Down position.
- You can use the touch screen to activate or deactivate the auto tilt function.



Picture indication: Settings> Vehicle (Different configuration functions are different, please refer to the actual vehicle)

1 Automatic tilt when reversing :

- Tap the button icon to light up, and the rear-view mirror reversing automatic tilt is enabled.
- Click the button again, the icon is grayed out, and the rear-view mirror reversing automatic tilt is turned off.

2 Automatically fold / unfold :

- Tap the button icon to light up. After the vehicle is locked, the rearview mirror auto-folding is enabled.
- Tap the button icon to light up. After the vehicle is unlocked, the rearview mirror auto-deployment is enabled.
- Click the button again to turn it gray, and the rearview mirror will automatically fold/unfold.

warn

- The object seen in the exterior rearview mirror is farther than the actual distance.
- During driving, do not adjust the exterior mirrors, otherwise you may lose control of the vehicle and cause an accident.
- Before driving, check the position and angle of all rear-view mirrors. Do not adjust the rear-view mirrors while driving in order to concentrate on driving the car.



Picture indication: Automatic anti-glare inner rearview mirror

Inside rearview mirror

The dimming of the inner rearview mirror can reduce the impact of the strong light behind the vehicle. When the strong light behind the vehicle disappears or the gear is switched to the reverse gear, the rearview mirror will return to normal.

illustrate

A passenger in the middle of the rear row or a raised rear center head restraint may prevent the sensor from receiving light.

Sun visor



Picture indication: Sun visor opened

Use sun visor

The sun visor protects you from harsh sunlight while driving.


1. Open the sun visor.
2. Keep the sun visor away from the fixing clip.
3. If sunlight enters the car from the side window, rotate the sun visor to the side.



Picture indication: Sun visor opened

Use makeup mirror

1. Open the sun visor.
2. Then lift the vanity mirror cover, unfold and illuminate the vanity mirror. After closing the vanity mirror cover, the light will turn off.

 **warn**

When driving, do not open the vanity mirror, otherwise the reflected light may endanger you and others.

Glove box



Picture indication: Glove box opening handle

Open the glove box


Pull the opening handle to open the glove box.



Picture indication: Glove box cover

Close the glove box

Push the glove box cover to close the glove box.

 warn

When driving, please do not open the glove box to prevent sudden stop and collision and injury to passengers.

Armrest box



Picture indication: Armrest box open button

Open the armrest box

1 Mobile phone wireless charging box open button :
Move the button up to open the phone storage box.

2 Armrest box open button : Move the button up to open the armrest box.

Close the armrest box

Press down on the armrest box until it engages in place.

Vehicle mounted power

Warn

Pay attention to the following instructions when using the vehicle power supply:

- Do not insert fingers or foreign objects (pens, etc.) into the socket, and do not touch the socket with wet hands, otherwise you may get an electric shock.
- When the socket is not in use, be sure to cover the protective cover. Do not allow water or any other liquids to come into contact with the socket.
- Please use a conventional plug, otherwise it may not be usable.
- Do not use equipment that may interfere with the vehicle's radio receiver or electrical system.
- The connected device may heat up during charging. Please make sure that the high-temperature device does not endanger individuals or damage property.



Picture indication: On-board power supply on the front armrest box

On-board power supply on the front armrest box

- 1 **Cigarette lighter** : Press down to lock, the cigarette lighter heating wire will automatically pop up when the temperature is reached (please put it back into the original socket in time after use).

Note

- The output voltage is 5V, and the maximum output current is about 2A.
- Do not connect devices such as fans or lighting fixtures to the USB interface.



Picture indication : On-board power supply on the rear armrest box

On-board power supply for rear passengers

- 1 **USB interface** : Used for data transmission and charging mobile devices.

Note

- The output voltage is 5V, and the maximum output current is about 2 A.
- Do not connect devices such as fans or lighting fixtures to the USB interface.

- 2 **12V Power outlet** : Power sockets can provide power to electronic devices (for example, car refrigerators and car air pumps).

Note

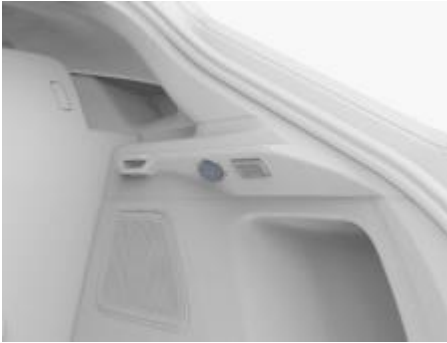
The output voltage is 12V, and the maximum power is about 120W.

- 3 **220V Power outlet** : Supply power for high-power electrical equipment.

Note

- The output voltage is 220V, and the maximum power is about 150W.
- High voltage is dangerous.
- Read the instructions for use of electrical equipment before use.

- 2 **USB interface** : Used for data transmission and charging mobile devices.



Picture indication: luggage compartment 12V power supply

Luggage compartment 12 V power supply

Through the power socket, you can power electronic equipment (for example: car ice box and car air pump).

 Note

The output voltage is 12V, and the maximum power is about 120W.



Picture indication : Open the armrest box and use the mobile phone wireless charging box

Mobile phone wireless charging box

Through the wireless charging power supply, the mobile phone is wirelessly charged, and the device that needs to be charged is placed on the wireless charger horizontally.

 illustrate

This function can only be used if your mobile phone has wireless charging function.

Intelligent driving assistance

In this chapter, you can learn about the information.
The following will introduce to you all equipment.

Braking System

The braking system is composed of a brake pedal and an electronic parking brake. The brake pedal is used to decelerate, and the parking brake is used to prevent the vehicle from rolling. The vehicle is also equipped with an automatic parking function. When there is a certain slope on the road, there is no need for you to step on the brake pedal, the vehicle will automatically remain stopped, and the electronic parking brake will be automatically released when the vehicle starts to assist you in starting the vehicle smoothly.

Warn

Normal operation of the brake system is essential to ensure safety. If you encounter problems with the brake pedal, brake caliper or any component of the vehicle's brake system, please contact the SERES service center.

Icons related to the brake system in the instrument



When the vehicle is started for the first time, the ABS (Anti-Lock Braking System) indicator on the meter will flash briefly. If this indicator lights up at any other time, it means that ABS has failed and ABS cannot work. Please contact SERES service center immediately.



Except for a brief display at the first startup, if this indicator is displayed on the meter at any other time, it indicates that the intelligent booster, brake system failure or low brake fluid level has been detected. Please contact SERES service center immediately.



Except for a short display at the first start-up, if this indicator is displayed on the meter at any other time, it means that the intelligent booster is detected to be faulty. Please contact the SERES service center immediately.

Emergency braking

In an emergency, fully depress the brake pedal and maintain a stable pressure, even on low-traction roads, ABS changes the brake pressure applied to each wheel according to the amount of traction available, which can prevent the wheels from locking up. And make sure that the vehicle stops as safely as possible.

Warn

- Do not release the brake pedal immediately after stepping on it, as this will interrupt the ABS working process and increase the braking distance.
- Always maintain a safe distance from the vehicle ahead and grasp the dangerous situation during driving. Although ABS can improve the braking distance, it cannot exceed the laws of physics, nor can it prevent the dangers caused by tire skidding (especially on rainy and snowy roads).

Brake wear

Vehicle brake pads are equipped with wear indicators. The wear indicator is a thin metal plate connected to the brake pads. When the brake pads are worn to the limit, it will rub against the brake disc and make a sharp friction sound. If you encounter this In this case, please go to Chongqing Jinkang New Energy Service Center for maintenance.

The tires and wheels must be regularly removed for visual inspection of the brakes, regarding the detailed specifications and usage restrictions of the brake discs and brake pads

Warn

- Failure to replace worn brake pads will damage the brake system and may result in a dangerous braking situation.
- Please check the degree of wear of the brake discs and brake pads every time the vehicle is maintained, and replace them if necessary according to the recommendations of the maintenance personnel.

Braking energy recovery

Energy recovery function: In the process of braking or coasting, the kinetic energy generated by the vehicle can be converted into electrical energy and stored in the power battery to increase the vehicle's cruising range.

When the vehicle is moving and the driver's foot is off the accelerator pedal, the activation of the energy recovery function will reduce the speed and transfer the recovered energy to the power battery.

The instantaneous power meter of the drive system on the instrument displays the energy obtained through energy recovery braking in real time.

The amount of energy recovered through the energy recovery function depends on the current power state of the power battery and the set energy recovery state.

- 3 **High:** Slightly higher than the normal energy recovery intensity. When you release the accelerator pedal, the energy recovery will be performed at a slightly higher energy recovery intensity. Therefore, the deceleration is greater and the taxiing distance of the vehicle will be significantly reduced.
- 4 **Strong :** The strong energy recovery mode can only be selected on extended-range models. After setting, it will provide a significantly higher energy recovery intensity when you release the accelerator pedal. The vehicle slows down very fast, thereby reducing your use of the brake pedal. Frequency, and at the same time add more energy to the power battery.



Picture indication: Settings> Driving (Different configuration functions are different, please refer to the actual car)

Set the specific status of the energy recovery function through the touch screen

- 1 **closure :** There is no energy recovery during coasting. When you release the accelerator pedal, the vehicle will coast freely.
- 2 **Comfortable :** Normal energy recovery intensity, when you release the accelerator pedal, the energy recovery will be performed at the normal energy recovery intensity, so the deceleration is not large, and the vehicle's sliding distance and free sliding are slightly reduced.



Picture indication: shift knob

Electronic parking brake

Depress the brake pedal to stop the car steadily. When the car is at a standstill, press the P gear button to switch the gear to the P gear to achieve parking.

The parking brake is only applied to the rear wheels and is independent of the service brake system.

When the parking brake is working, the indicator light on the meter will light up.



If an electrical fault occurs in the parking brake, a parking brake fault message will be displayed on the meter.

When all the following conditions are met, the parking brake is activated :

- The driver is not wearing a seat belt.
- The driver's door is open.
- The accelerator pedal is not depressed.
- The brake pedal is not stepped on.
- The vehicle speed is less than 3km/h.

Release the parking brake :

- Close the main driving door.
- Depress the brake pedal.
- Switch to the "non-P gear" state.



Picture indication : Settings>ADAS assistance (different configuration functions are different, please refer to the actual vehicle)

Release the electronic handbrake

1 EPB RELEASE :

1. Switch to the parking gear.
2. Depress the brake pedal.
3. Click the button to turn the icon gray, and the parking state is released.
4. The vehicle beeps and shifts to neutral (the parking brake is released).



When the vehicle is out of power, the parking brake cannot be released.

Automatic parking

Automatic parking function (Auto Hold), that is, the vehicle needs to be parked for a long time, such as on a slope, traffic lights or stop-and-go traffic conditions, under the conditions that the automatic parking function meets the conditions, there is no need to step on the brakes Pedal or use electronic parking.



Picture indication: Settings>ADAS Auxiliary (Different configuration functions are different, please refer to the actual vehicle)

On / Close

- 1 Automatic parking (Auto Hold)** : Click the button, the icon lights up to indicate that the function is turned on, and the button is grayed out to indicate that the function is turned off.

Automatic parking standby conditions

- The automatic parking function switch is turned on, and the indicator light " " on the meter displays a gray standby status indicator light.
- The main driver's seat belt is fastened and the door is closed.
- The complete vehicle is powered on.

Automatic parking operating conditions

- Automatic parking has met the conditions of the standby state.
- When the vehicle is in the driving gear, the vehicle is controlled by stepping on the brake pedal until the vehicle is stationary.

 illustrate

- *The automatic parking function exits directly after 5 minutes of work, and the electronic parking (EPB) is automatically pulled up at the same time.*
- *By stepping on the accelerator pedal, switching to P gear, or starting electronic parking (EPB), it will exit the automatic parking state and return to the automatic parking standby state. If the conditions of the automatic parking standby state are not met, the automatic parking will be exited.*
- *The automatic parking function is activated, the vehicle brake lights and high-position brake lights are on, and the indicator light " " turns green.*
- *During the activation of the automatic parking function, if the driver opens the door or removes the seat belt, the electronic parking (EPB) will take over and park the vehicle. At the same time, if the automatic parking is activated, the gear is D or R. Electronic parking (EPB) will maintain the current gear after parking. If the automatic parking is activated during N gear, the electronic parking (EPB) will enter P gear after parking.*

Enable dynamic parking function

If you can't stop with the service brake, you can use electronic parking brakes for dynamic parking. Press and hold the P gear button to realize the dynamic parking function.

Warn

- During emergency braking, control of the vehicle may be lost and vehicles behind may be in danger.
 - It is forbidden to touch the P gear and use the dynamic parking function during normal driving, otherwise it will cause a safety accident risk.
- The dynamic parking function is only used as an emergency measure when the service brake fails. It cannot be used as a substitute for braking the vehicle on the brake pedal. It cannot provide a large braking force. The driver is prohibited from operating the dynamic parking function while depressing the accelerator pedal. Otherwise, the function will not intervene in the work.
- The P gear button cannot be released during the whole process of function activation. Once the P gear button is released, the function will exit.

Vehicle electronic stability control (ESC)

Function of ESC

The ESC helps you stabilize the vehicle when oversteer or understeer is detected. When oversteer or understeer is detected, the system will apply brakes to one or more wheels to enhance the control of vehicle stability.

ESC integrates three functional modules: anti-lock braking system (ABS), vehicle dynamic control (VDC) and traction control system (TCS)

Some sub-systems are also included:

- Hill Start Assist Control (HAC)
- Hydraulic Brake Assist (HBA)
- Emergency Brake Hazard Warning (HAZ)
- Hill Descent Control (HDC)

Warning

- ESC is an auxiliary system and it cannot handle all situations or road conditions. The driver is always responsible for driving the vehicle safely and complying with current laws and traffic regulations.
- Do not modify the vehicle's suspension, otherwise the ESC may not operate normally, and the vehicle's handling performance may be adversely affected, which may cause accidents and personal injury.

Antilock Braking System (ABS)

The vehicle is equipped with an Anti-lock Braking System, which can prevent the wheels from locking during emergency braking or braking on a slippery road, avoiding sideslip or drifting, and maintaining the stability of the vehicle.

When ABS is working, you may feel the brake pedal vibrate, and you may hear noise. This is a normal phenomenon that ABS is pulsating fast braking.

Warning

ABS cannot work effectively under the following situations:

- Using tires with insufficient adhesion (such as over-wearing tires on snow-covered roads)
- The vehicle skids when driving at high speed on slippery roads

Warning

ABS is not completely designed to shorten the braking distance of the vehicle. Be sure to keep a safe distance from the vehicle driving in the following situations:

- When driving on mud, gravel or snowy roads.
- When driving on pitted or uneven roads.
- When driving on bumpy roads

Vehicle Dynamic Control (VDC)

When the vehicle turns suddenly while driving, the VDC system judges the driver's driving intention based on information such as the steering wheel angle and vehicle speed, and continuously compares it with the actual conditions of the vehicle. If the vehicle deviates from the normal driving route, the VDC will apply brakes to corresponding wheels in order to make corrections to help the driver control sideslip and keep the direction of the vehicle stable.

Traction Control System (TCS)

TCS reduces the power of the motor to prevent the wheels from slipping during acceleration, and applies braking force control when necessary, in order to prevent wheels from spinning. Under unfavorable driving conditions, TCS can make the vehicle easy to start, accelerate and climb. When TCS effectively controls brake pressure and motor power, an electronic stability control indicator is displayed on the meter.

 **Warning**

Traction control does not prevent accidents caused by dangerous driving or sudden steering at high speeds.

Hill Start Assist Control (HAC)

When on a slope, HAC will automatically hold the brake for about 1.5s, which can prevent the foot slipping when changing from the brake pedal to the accelerator. HAC will automatically prevent the vehicle from slipping back.

 **Warning**

HAC will stop working after 1.5s, and the vehicle can slide at this time. Therefore, please quickly move your foot from the brake pedal to the accelerator. Do not rely on the HAC for a long time (more than 1.5 s), in order to prevent the vehicle from sliding, otherwise it may cause a collision.

Hydraulic Brake Assist (HBA)

When driver quickly steps on the brake pedal, HBA can recognize that the vehicle is in an emergency state and quickly increase the brake pressure to the maximum value, so that ABS can intervene more quickly and effectively shorten the braking distance.

Emergency Brake Hazard Warning (HAZ)

When the vehicle speed is faster than 50km/h, the deceleration is faster than $6m/s^2$ or the ABS is triggered, driver will perform emergency braking. When the ESC system recognizes that the vehicle is in an emergency braking state, it will transmit the emergency braking signal to the BCM controller to light up the double flashing turn signal in order to warn the following vehicles, which serves as a hazard warning.

Hill Descent Control (HDC)

HDC controls the speed of the vehicle through automatic braking intervention. With this system, you do not need step on the brake pedal. Increasing or decreasing the downhill speed can be achieved by operating the accelerator, so that you can place all your attention on the steering wheel. This function is particularly useful when going down steep slopes, especially on rugged and slippery terrain.

However, you can still use the brake pedal to slow down or stop the car at any time.

 **Warning**

Decrease in braking effect is like all brakes, braking ability is also affected by slippery roads (for example, on icy roads or soft surfaces), which may cause accidents.



Cutline: configuration > ADAS auxiliary
(Configuration functions differ in vehicles, please refer to the actual vehicle)

Turn on / turn off

1 Hill Descent Control (HDC)

Click the button, the icon lights up to indicate that the function is turned on, and the button is grayed out to indicate that the function is turned off.

HDC can only be used after the following prerequisites are met:

- HDC is turned on
- The vehicle is driven at a speed higher than about 8km/h and lower than about 35km/h.
- The slope must be less than 50%.

HDC malfunction:

In some special conditions such as long slopes, the HDC function will be temporarily unavailable due to the high brake temperature. You need to pay attention to safe driving. If you want to restore the function, you need stop and wait for the brake temperature to cool down.

ESC (Vehicle Electronic Stability Control) Operation Instruction

ESC system work:

If vehicle is in danger of slipping or going backwards when starting on a slope, the ESC indicator flashes, indicating that ESC is working.

Forbidden ESC system:

If vehicle is trapped in snow or mud, ESC may reduce the power output from motor to wheels, you may need turn off ESC to get out of trouble.



Cutline: Configuration > ADAS auxiliary
(Configuration functions differ in vehicles, please refer to the actual vehicle)

Turn on / turn off

- 1 **ESC OFF:** Click the button, the lightened up icon indicates that the function is off, while turning grey indicates it is on.

Attention

When ESC system is closed, and the vehicle speed exceeds the threshold (80km/h), some of the closed ESC system functions will be reopened. To avoid the sudden open of ESC system, only when the ESC system is not in the state of vehicle dynamic intervention reservation, can ESC be reactivated.

When ESC is active:

If the ESC malfunction indicator flashes, you must drive carefully. Careless driving may cause an accident. When the indicator flashes, you must be more careful.

When ESC is turned on:

Be especially careful and drive at a speed suitable for the road conditions. ESC system can ensure the stability and driving force of the vehicle. Please keep ESC on unless necessary.

Adaptive cruise control system

ACC operation instruction

ACC uses the front millimeter-wave radar at the grille of front bumper to detect the relative distance and speed of the vehicle and the vehicle in front. It actively controls the speed of the vehicle to achieve the purpose of automatic car following cruise.

When there is a target vehicle in front, as long as the vehicle speed is lower than 150 km/h, the ACC can be activated.

Warning

- Do not use ACC on curved or slippery roads, or when driving at steady speed is unsafe.
- ACC is only driving assistance system and cannot replace driver. You must always maintain control of the vehicle, drive cautiously, obey speed limit, traffic rules, and take full responsibility for driving.
- You are always responsible for driving the vehicle in a safe manner and complying with the marked speed limits.

Control instructions

- Follow control: When ACC is active, and the state of front vehicle has comparatively large effects on your vehicle, the relative distance could be kept as set by the driver. Once front vehicle stops, your car stops.
- Start control: ACC could decrease speed of vehicle to complete stop. If the front vehicle starts in 3s, then ACC will automatically start. If the vehicle is stopped in 3s~5min, vehicle could be started when driver steps accelerator or operate RES+ pole.
- Curve - speed control: When ACC is in working state, and the vehicle is on curve road, ACC will properly decrease the speed to ensure the vehicle pass the curve stably.
- Override mode control: When ACC is activated, if overtaking is required, driver could step on the accelerator and the system enters into override mode. Release the accelerator within 15 minutes, the vehicle will return to the target speed.
- Exit ACC: If working conditions for ACC cannot be fulfilled, such as it is not at F gear, or doors are open, ACC will be automatically turned off in 3 ways: fast exit, slow comfort exit or brake continuance mode exit.
- Driver takeover request: When ACC cannot sustain the minimum safety distance, dashboard reminds driver to step on brake.

ACC system activation conditions

- Electronic parking (EPB) is in released state.
- The vehicle is in the forward gear (D gear)
- The car didn't slip behind.
- The four doors of the vehicle are closed.
- The main driver's seat belt is fastened
- The ESC off icon on dashboard is not lit.
- The Steep descent indicator on the dashboard does not lit.
- ESC system is not active
- Speed $\leq 150\text{km/h}$
- The vehicle is operated on normal mode (non-sand/mud, etc.)
- When the vehicle speed is 0 km/h, brake pedal is stepped on; or when speed is more than 0 km/h, brake is not stepped on.
- There is no malfunction indicator of vehicle network communication on dashboard.
- The AEB function is not activated
- Auto Hold function is not active



Cutline: ACC Cruise control lever

ACC cruise control instruction:

- **OFF:** When ACC is on, if the control lever is on OFF, then ACC the indicator light will be closed.
- **CANCEL:** When ACC is active, turn the cruise lever to “CANCEL”, then ACC is cancelled, and the system enters the cruise on (standby state), and the cruise indicator on the dashboard turns gray.
- **ON:** When the system is off, it can be reactivated if the control lever is on ON gear, and the cruise indicator light will turn grey.
- **HEADWAY:** Adjust the following distance between vehicles.
- **RES + :**
 - After CANCEL, system will enter into cruise on (active) state, turn lever to “RES +”, speed will recover to the speed set before CANCEL;
 - When ACC is on active state, turn cruise lever to “RES +”, to increase speed.
- **SET - :**
 - When ACC is on standby state, turn the cruise lever to “SET-”, ACC will be active and fix the current speed.
 - When ACC is on active state, turn cruise lever to “SET -”, to decrease speed.



Cutline: ACC Speed adjustment

Adjust speed of ACC

When ACC is active:

- **Short press:** “RES+” or ”SET-“, to set the speed of cruise. Every press will increase or decrease 1km/h.
- **Extended press:** “RES+” or “SET-”, to set the speed of cruise. Every press will increase or decrease 5km/h.



Cutline: Can set different follow-up time intervals for ACC

ACC Distance Level Configuration

- **HEADWAY** : Move the cruise handle to "HEADWAY". Each time you move it, you can switch the distance between vehicles. The greater the distance level, the greater the time interval between following vehicles. From the dashboard, different bars represent different vehicle distance levels. The larger the bar, the greater the distance between vehicles.

ACC Cancel

When the following operations are performed, the cruise control will be automatically cancelled and the system enters the cruise on (standby state):

- step on brake panel
- turn ACC to "CANCEL"
- switch to other gears other than F

ACC Re-enable

After canceling the cruise (the cruise system is not turned off), when the vehicle meets the required speed, gear and other conditions for cruise, dial the cruise control handle up, to resume the previously set speed and continue cruising.

Attention

- ACC is not a safety system, obstruction detector or collision warning system, but a comfort system. The driver must always maintain control of the vehicle and be fully responsible for the vehicle.
- The ACC function can assist the driver, instead of replacing the driver. Even if ACC is active, the driver must drive carefully and obey the traffic rules.
- The driver must adjust the following distance based on the traffic volume in front of the vehicle and the current weather conditions, such as rainy and foggy days, etc., and set the ACC system reasonably. After the ACC system is properly set, the driver needs to ensure that the vehicle can be made decelerate to stop any any time.
- ACC is suitable for use on highways and roads with good road conditions, but not suitable for use on complex urban roads or mountain roads.
- It is the driver's responsibility to keep the distance between the vehicle and the vehicle in front. The follow-up time interval of the ACC system meets the minimum vehicle-to-vehicle distance requirement in the China's driving environment.
- When ACC is working, if the driver steps on the accelerator pedal, the vehicle will be taken over by the driver, and the ACC system's distance control function will not be activated.
- For stationary objects, such as vehicles, the end of traffic flow, toll stations, bicycles or pedestrians, ACC can only respond to special situations. These special situations are highly specific.

Traffic Jam (TJA) / Integrated Cruise (ICA):

Traffic Jam (TJA) / Integrated Cruise (ICA) mainly provide the driver with longitudinal and lateral assistance of the vehicle, which can reduce the workload of the driver and provide safety and comfort in a monotonous driving environment or traffic jam.

Lateral assist: In TJA speed range (0 ~ 60km/h), provide a lateral assist solution for the vehicle. If the lane line exists, the vehicle is maintained in the lane, otherwise the vehicle will follow the moving trajectory of the preceding vehicle. In the ICA speed range (above 60km/h), the vehicle will be maintained at the center of the lane.

Longitudinal assistance: Relying on the ACC system to drive the vehicle at a fixed speed or at a fixed time interval with the road user ahead.

⚠ Attention

During the process to active the Traffic Jam (TJA) / Integrated Cruise (ICA), system will start warming for 10s if it is detected that driver does not hold the steering wheel. During warming, driver should swing steering wheel tightly to reactive the function, otherwise it will fail to active and driver need restart the vehicle.

⚠ Attention

When TJA is on, the steering wheel may swing suddenly and greatly during use, due to the camera recognition problem. Driver should always keep the steering wheel in his hand, at least one hand



Cutline: Configuration > ADAS assistance
(Configuration functions differ in vehicles, please refer to the actual vehicle)

On / Off

1 **Traffic Jam (TJA) / Integrated Cruise (ICA)** Click the button, the icon lights up to indicate that the function is turned on, and turns gray to indicate that the function is turned off.

Explanation

When TJA is on, disclaimer will appear, and detailed information will be shown in manual,

When TJA combination switch is ON and TJA is on in the screen, TJA can be active (standby)

When TJA is on (standby state), the steering is automatically adjusted to the comfort mode and is not adjustable. The LDW is automatically turned on and cannot be turned off. At this time, LDW function will be upgraded to the lane keeping (LKA) function.

Lane departure warning

Lane Departure Warning (LDW) system uses the multi-function camera sensor on the front windshield to identify the lane. When vehicle deviates from the lane, the system will give an alarm and the lane will be marked on the dashboard to reduce accidents. When driver changes lanes, no warning message can be issued.



Cutline: Configuration > ADAS assistance
(Configuration functions differ in vehicles, please refer to the actual vehicle)

On / Off

1 **Lane departure warning (LDW)** : Click the button, the icon lights up to indicate that the function is on, and turns gray to indicate off.

Limits of Lane Departure Warning (LDW)

LDW does not operate normally under all driving conditions, weather conditions, traffic conditions or road conditions

LDW can't be used in the following situations:

- Indicator lights are on
- ESC intervenes or is off
- Excessive braking force exists.
- Speed < 60km / h
- Lane lines are blocked, unclear or missing.
- The camera is very dirty, heavily iced or covered (for example, covered by glue).
- Encountered severe weather conditions (such as heavy rain, sunset, etc.).

Dangerous

During the entire driving process (for example, when driving in the same lane), even if the LDW is activated, the driver still bears the driving responsibility, and cannot rely on the system to pay attention to all situations.

- Driving carefully
- Always pay attention to nearby traffic and road situation
- Adjust speed based on traffic condition

Warning

The camera's view may be affected by many factors (such as rain, snow, freezing, a lot of water and fog, and oncoming lights). Sometimes, the camera may not be able to detect lanes or detect correct detection.

- Driving very carefully
- Always pay attention to direction and lane
- Do not use objects (such as stickers) to cover camera inside rearview mirror
- The camera must be kept free of dirt, ice and snow to ensure its normal operation.



Attention

- If the driver turns on the turn signal and changes lanes in the corresponding direction, LDW function will be inhibited. If the driver deliberately presses the line, LDW warning function will be inhibited.
- LDW function is affected by weather, illumination, and lane line clarity. Under backlight, sunset, road surface covered by snow and ice, and road surface wear and tear, its performance will be significantly reduced.

Icon/message of LDW:

Description	Image
Lane line not detected	
Lane line detected (left side only)	
Lane line detected (right side only)	
Lane line display (left + right, curvature, type)	
Lane departure warning (left)	
Lane departure warning (right)	



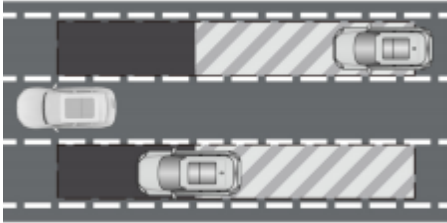
Explanation

- When traffic jam assist (TJA) is turned on (standby), steering will be automatically adjusted to the comfort mode and is not adjustable, LDW will be automatically turned on and cannot be turned off.
- After TJA is turned on (standby), LDW will be upgraded to the lane keeping (LKA). When the speed is greater than 60km/h, the lane assist system will keep the vehicle driving in the center of the lane, but the steering wheel of the vehicle may suddenly and greatly swing due to the camera recognition problem, and the driver should always hold the steering wheel in his hand and do not leave the steering wheel.

Blind spot monitoring

Blind Spot Detection (BSD) / Lane Change Assistance (LCA)

Blind Spot Detection (BSD) / Lane Change Assistance (LCA) are adapted when driving vehicle. They monitor the blind area behind the vehicle and the vehicles on the adjacent lanes to remind driver to prevent danger.



Cutline: Verify vehicle icon

- When detecting a vehicle is approaching behind the vehicle, the indicator light on the rearview mirror will be lit.
- If driver continues to turn on the turn signal to change lanes, then warning light on the corresponding side rearview mirror will be on, and buzzer will give an audible alarm to remind the driver of the danger of collision.



Cutline: Configuration > ADAS assistance
(Configuration functions differ in vehicles, please refer to the actual vehicle)

On / Off

- 1 **BSD / LCA:** Click the button, icon lights up to indicate it is on, turns gray off.

Warning

LCA is an information system, not a warning or safety system, and does not work properly under all conditions.

- Although the vehicle is equipped with LCA system, you should still look around and make sure the surrounding environment is safe for lane change.
- When reversing, LCA will not work.
- It is driver's responsibility to ensure the safety of changing lanes.

Warning

The system does not exempt the personal responsibility for correctly judging the state of vision and traffic.

Limits of Bland Spot Detection

Under the following conditions (including but not limited to), BSD may be affected, or even no alarm:

- BSD cannot detect vehicles that are slow or relatively fast.
- The rear sensor may be blocked by snow, ice, dust or fog, which will reduce the reliability of the sensor and even fail to operate normally.
- BSD may not detect smaller objects such as motorcycles, electric vehicles, bicycles, and pedestrians.
- When in sharp turns, slopes, very wide or narrow lanes.

Door Open Warning (DOW)

DOW system can monitor the safety-critical state behind the vehicle when it is parked and the door is about to open. It alerts people in vehicle through sound and images, avoiding possible safety accidents.

- When vehicle is at low speed (0~5km/h) and four doors are closed, if a vehicle (bicycle, motorcycle, car, etc.) approaches from behind and enters the alarm area, warning lights on the exterior mirror will be on to remind driver and passengers.
- If the driver or passengers open the door of the corresponding side, the warning light on the exterior mirror that side will be on, and the buzzer will sound an alarm to remind the driver or passengers of the danger of collision.



Cutline: Configuration > ADAS assistance
(Configuration functions differ in vehicles, please refer to the actual vehicle)

1 **DOW:** Click the button, the icon lights up to indicate that the function is on, and turns gray to indicate off.

Rear Cross Traffic Alert (RCTA)

RCTA system monitors the rear area inside the radar coverage area. During the process, if a vehicle approaches from the rear side, it uses sound and images to alert the driver to avoid collisions.

Explanation

After the vehicle is powered on, the Rear Cross Traffic Alert (RCTA) function is enabled by default, and the user cannot disable it.

Warning Reminder

When Rear Cross Traffic Alert (RCTA) is working, If it detects that there is a target vehicle behind the vehicle, and the alarm conditions are met, the speaker in the vehicle will initiate a voice alarm with orientation.

Warning

The system does not exempt the personal responsibility of correctly judging the visual field and traffic conditions. These functions may not bring the expected results due to many other reasons. The driver is responsible for staying alert and paying attention to the surrounding area of the vehicle in order to predict whether measures need to be taken as soon as possible. avoid collision.

Attention

The system cannot always detect vehicles, bicycles, and pedestrians. A variety of reasons may cause unnecessary, inaccurate or ineffective warnings or omissions, especially in the following situations:

- The road turns sharply.
- Poor visibility (due to heavy rain, snow, fog, etc.)
- The radar sensor is blocked (due to dirty or covered, etc.)

Predictive emergency braking system

Function Introduction

The Predictive emergency braking system (PEBS) can provide the driver with early warning, early brake preparation, auxiliary brake and other assistance in emergency. When system detects potential collision risk between the vehicles, pedestrians or other objects in front, an audible and visual alarm will be issued to provide driver with sufficient reaction time. If situation deteriorates, short brake or even AEB will be applied based on the degree of urgency, to assist the driver in avoiding collisions or reducing injuries.

Warning

- No automatic system can guarantee 100% normal operation under any circumstances. Therefore, do not drive towards people or objects to test PEBS. Otherwise, serious personal injury or death may be caused.
- PEBS system is an auxiliary function for driver, who is always responsible for safety driving.
- PEBS system cannot be used normally under all driving conditions, traffic conditions, weather conditions or road conditions

Front Collision Warning (FCW)

In case of emergency, it provides driver with pre-alarm and emergency alarm. Meanwhile, it pre-fills brake system and adjusts the hydraulic auxiliary brake threshold, to provide brake assistance for driver when braking.

- Safe distance alarm: During driving, if vehicle follows the front one for a long time, system will issue safe distance alarm, and dashboard will display an alarm image to remind driver distance between vehicles is too close.
- Pre-collision alarm: During driving, if there is a risk of collision between vehicles, the system will pre-alarm visually and audibly. The dashboard displays the alarm image, and the speaker alarms at the same time. The driver needs to take appropriate actions in time, to ensure a safe driving distance.

- Emergency alarm: If driver does not take actions in time after pre-alarm, and the risk of collision is aggravated, system will pre-alarm visually and audibly, and dashboard displays the alarm and image. At the same time, the buzzer continuously alarms. Driver need take actions to ensure safe driving distance.

Warning

- PEBS system can warn you of a potential collision, but cannot shorten reaction time.
- PEBS system can never replace the driver's attention to traffic conditions or the driver's responsibility for safety driving

Emergency Brake Assistance (EBA)

EBA will prepare brake system in advance and warn the driver that a collision may occur. It provides driver more time for braking to alleviate the dangerous situation. The brake system is prepared in advance to decelerate faster or even stronger in some cases. If driver takes actions, but braking force is insufficient, the braking system will provide the remaining force to achieve the best braking to avoid collision.

Automatic Emergency Brake (AEB)

- Partial AEB (standard): It is automatic partial braking, which is triggered earlier (at the same time as the emergency alarm). The main function is to give driver more reaction time. If driver does not respond, it will also reduce the risk of accidents.
- Partial AEB (enhanced): If driver does not respond to the standard partial AEB, or the situation is already very urgent, the system will activate braking with higher deceleration to avoid accident or reduce harm.
- Medium-speed AEB: it will be activated at medium speeds. When system calculates that a large and uncomfortable deceleration can avoid collision, it will automatically trigger brake as much as possible to reduce the relative speed with the obstacle.



Cutline: Configuration > ADAS assistance
(Configuration functions differ in vehicles, please refer to the actual vehicle)

On / Off

- 1 Front Collision Warning (FCW)**: Click the button, the icon lights up to indicate on, and you can choose to turn on the sound alarm. The button turns gray to indicate off.
- 2 Automatic Emergency Brake(AEB)**The default state of this function is on. Click the button, it will be grayed out to indicate off.

Warning Reminder

FCW alarms are divided into safety distance alarms, pre-alarms and emergency alarms. When dangerous situation occurs, pre-alarm function is first triggered (situation reaches level 1). If the situation continues to deteriorate, an emergency alarm will be issued (situation reaches level 3).

Explanation	Image
Safe distance alarm	
Front collision warning level 1	
Front collision warning level 2	
Front collision warning level 3 (emergency brake)	

⚠ Attention

- The predictive emergency braking system cannot guarantee collision avoidance under any circumstances. The driver must always maintain control of the vehicle and take full responsibility for the vehicle.
- Do not turn off AEB. If it is turned off, and there is a danger of collision between vehicles / pedestrians, it will not intervene.
- AEB can only be turned on under certain conditions, vehicle speed (4-150km/h), gears, and pedal opening. If driver steps on brake or obviously steps on accelerator, etc., AEB will not intervene or it will exit.
- AEB is an auxiliary function, and collisions cannot be completely avoided at high speeds or extreme conditions. Drivers should always take care of driving safety.
- Pedestrian protection technology cannot overcome some physical constraints, and it cannot be fully deployed in the speed range specified by the system. Therefore, the responsibility for taking timely and effective braking always depends on the driver. Whether system alarms, the brake pedal can be used or pedestrians can be avoided depends on the actual situation.
- If predictive collision warning alarms, the driver must apply the brakes according to the traffic situation to reduce the vehicle speed or steer to avoid obstacles.

ⓘ Attention

- If driving too close for a long time, the safe distance alarm will issue a warning. If front object brakes, collision may happen.
- During emergency alarm, if driver is already alert (e.g., driver turns the steering wheel or makes emergency brake), system will not trigger automatic emergency braking.
- If driver brakes or significantly accelerates, the braking force imposed by emergency braking system may be interrupted.
- Heavy rain, water fog, ice, snow or sludge may reduce performance of radar sensor. Please keep sensor surface clean to avoid affecting normal operation of the sensor.
- If surface of radar sensor is dirty or covered, dashboard will display corresponding info. Sensor should be cleaned as required. During radar failure, a predictive collision alarm will be issued, and AEB is turned off. After fault is eliminated, predictive collision alarm and AEB return to normal.
- In some situation, detection may be affected or delayed. For example, when the target is too small (a bicycle, tricycle, four-wheeled car, electric bike or motorbike), the system will not be able to confirm the risk of distance between the vehicle and the target, which will result in a delayed or unresponsive situation, in which the driver needs to control the speed of the vehicle.
- Pedestrian protection cannot rely on the system to completely avoid accidents.
- Pedestrian protection may have unneeded alarm and brake under some complicated conditions, e.g. on a curved main road.
- Pedestrian protection with malfunctions may have unwanted alarms and brake interventions, e.g., due to misalignment of the radar/camera sensor.
- If pedestrian protection system triggers brake, the foot feel of brake will harden.
- When driver steps on accelerator or turns the steering wheel, the automatic brake triggered by the pedestrian protection function will be suppressed and exited.
- Improper maintenance or modification of the vehicle may cause the sensor to be misplaced and affect normal operation.

Speed limit assist

The speed limit assist evaluation comes from driver's self-defined speed limit and road signs to provide driver with relevant speed limit and remind driver to control speed within a reasonable range.



The speed limit value will be displayed on the meter and the head-up display.

① Attention

- Speed limit reminder icon on dashboard will be cancelled within certain distance after system recognizes it. Driver should control speed within a reasonable range.
- Speed limit system can only recognise speed limit signs, not control the vehicle. Vehicle is always controlled in the hands of driver. Please drive reasonably.
- When multiple speed limit signs appear, the system will recognize the one in the current lane and display the speed limit reminder, and the driver must ensure that they are driving in the correct lane.
- Speed limit system is affected by weather, illumination, and visual quality of road signs. Under backlight, sunset, rain, fog, haze, snow, ice coverage and poor sign conditions, performance will be reduced.
- In the event of vehicle collision or sensor is re-disassembled, please contact the After-sales Service Center to calibrate the sensor to avoid affecting the performance of the system.



Cutline: Configuration > ADAS assistance (Configuration functions differ in vehicles, please refer to the actual vehicle)

On / Off: Turn on the speed limit reminder, you can choose between the following:

- 1 **Intelligent speed limit:** Click the button, icon lights up to indicate that the function is on, and turns grey means off.
 - The system detects road signs in front of vehicle through front-view camera, and reminds driver to avoid speeding.
- 2 **Manual speed limit:** Click the button, icon lights up to indicate that the function is on, and turns grey means off.
 - When it is on, speed limit can be customized.



Cutline: Configuration > ADAS assistance
(Configuration functions differ in vehicles, please refer to the actual vehicle)

Customized manual speed limit

Manual speed limit: You can customize the maximum vehicle speed that needs to be restricted. When the driving speed is greater than the set maximum vehicle speed, it will give an overspeed warning sound.

1 “-” **button**: lower maximum speed

2 “+” **button**: increase maximum speed

3 **Save**: save current maximum speed

4 **Cancel**: cancel current maximum speed

Limitations of speed limits

Warning

- The speed limit does not cover all driving scenarios and traffic, weather and road conditions.
- Always drive vehicle properly according to the current traffic/road conditions.
- If the speed limit cannot maintain the set maximum speed limit, you must take measures.
- Do not use constant speed cruise on continuous curved roads and poor road conditions, otherwise it may cause loss of vehicle control and personal injury.
- You are always responsible for driving the vehicle in a safe manner and complying with the marked speed limits.

Limitations of the traffic sign recognition system

The system may have difficulty in reading the signs, for example:

- Irregular traffic signs.
- Faded signs.
- Signs located on the curve.
- Rotated or damaged signs.
- Signs towering high on the highway.
- Signs that are completely or partially obscured or whose location is relatively concealed.
- Signs that are completely or partially covered by frost, snow, or dust.

Intelligent light assist

Headlight Multibeam Assistance (HMA) is a headlight control function that uses the camera on the upper edge of the front windshield to detect the taillights of the vehicle ahead, headlights of oncoming vehicles and the street lights. It will automatically turn on/off the high beams. When the driving road is dark and there are no vehicles or street lights, it automatically turns on the high beam headlights, otherwise it switches to low beam headlights.

Attention

Headlight Multibeam Assistance (HMA) is only a driving assistance system and cannot be applied to all driving situations. The driver must always maintain control of the vehicle and be fully responsible for the vehicle.

On / Off:

1 **Headlight Multibeam Assistance (HMA)**: Click the button, icon lights up to indicate that the function is on, and turns grey means off.

Explanation

When it is on, light switch is in "AUTO" gear and the light meets the conditions, if vehicle speed is greater than 40km/h, the system will automatically switch between the low and the high beam according to the current driving environment. Its icon will light up.



Cutline: Configuration > ADAS assistance (Configuration functions differ in vehicles, please refer to the actual vehicle)

Under the following situations, Headlight Multibeam Assistance (HMA) function will be affected:

- If the anti-lock braking system (ABS) or the vehicle electronic stability program (ESC) is activated, the system will not change the light assignment request.
- If the left or right turn signal is activated, the light change will be suppressed.
- If the lateral acceleration of the vehicle is too high ($> 3\text{m/s}^2$), the light conversion will be suppressed.
- If the vehicle yaw rate is too high ($> 0.19\text{ rad/s}$), the light change will be suppressed.
- If the vehicle speed is less than 20km/h, the light change will be suppressed.
- If the ambient brightness is high (but not the level requested by the low beam), the light change will be affected.

Factors affecting function

Due to unavoidable environmental factors and conditions, the following situations may require manual switching of high beam and low beam:

- Driving in heavy fog or heavy rain.
- Driving in snowy weather or on muddy roads.
- Drive in bright moonlight.
- Drive in freezing rain.
- Drive on dimly lit streets.
- When the front fog lights of an oncoming vehicle are on.
 - There are pedestrians on the driving road or adjacent roads.
 - There is a reflector near the road.
 - The lights of oncoming vehicles are blocked by fences, bushes, etc.
 - There are vehicles driving on other roads.
- Drive on the top of a mountain or a pothole on the road.
- Drive on sharp turns

Acoustic vehicle alerting system

Since the noise of electric vehicles is relatively small when it is at low speeds, the surrounding pedestrians are difficult to detect it. In order to improve driving safety, the system can emit a warning sound when the vehicle speed is less than 30 km/h, which can alert pedestrians.



Cutline: Configuration > Sound assistance (Configuration functions differ in vehicles, please refer to the actual vehicle)

On / Off

- **Vehicle Sound for Pedestrians (VSP):** Click the button, the icon lights up to indicate that the function is turned on, turns gray means off.

Set VSP on touch screen. After it is turned on, 3 sounds can be set, and the default is sound 1.

Warning

- In situations where pedestrians may appear, VSP must not be turned off.
- If the vehicle is driving with the VSP turned off, surrounding pedestrians may fail to notice the moving vehicle and casualties might be caused.
- If VSP is activated but the vehicle does not emit a warning sound at low speed, please contact Service Center immediately.

Attention

The OFF switch of the VSP system can only be used when there are no other road users within a short distance and surrounding environment obviously does not need a sound. After it is closed, it will be turned on by default the next time when vehicle is started.

Driving recorder



Cutline: Location of Dash Cam

General Description of System

The vehicle is equipped with dash cam function. The high-definition camera and control module are installed in the multi-function sensor cover behind rearview mirror. The system records the images, sounds and conditions of vehicle during driving, which can be fastly, truly and accurately use them to assist police in handling traffic accidents in a fair, just and reasonable manner, and protect the rights and interests of drivers.

Brief Introduction of Function

Loop recording: The system supports HD loop recording, 120° wide-angle shoot, and up to 32GB memory card.

Real-time preview: The picture taken by camera can be previewed in real time on the central control screen.

One-click capture: Touch the camera button on the screen, or the one-click capture button on the steering wheel, the system will take a picture of the current screen, and the captured file will be stored in the user's shooting folder of the memory card.

Emergency recording: When vehicle collides or vibrates severely, dash cam will start emergency recording and shoot a 12s video. The files are stored in the emergency recording folder in the memory card, and the files will not be overwritten.



Cutline: Preview of Dash Cam

The main interface is displayed on the screen of central control, and you can click on "Dash Cam" to preview the screen in real time.



Cutline: Operation instructions for dash cam

- 1 **Enter playback:** Click to enter to view the stored videos and pictures.
- 2 **Record/Pause:** Tap to record/pause the video.
- 3 **Emergency backup:** Emergency backup of the current video recording content.
- 4 **Microphone:** Tap to select the microphone on/off function.
- 5 **Take a photo:** Click button to take a picture of current screen, and the captured file will be stored in the user folder of the memory card.
- 6 **Settings:** After pausing recording, click Setting to enter the driving recorder setting interface.



Cutline: Dash Cam> Click to open the settings

Setting up the dash cam

The central control touch screen can set the parameters of the dash cam. In the real-time preview interface, touch the setting icon to enter the setting interface.

- 1 **Resolution:** 1080P、720P
- 2 **Duration setting:** 1 minute, 3 minutes, 5 minutes
- 3 **Gravity sensor:** Off, low, normal, high
- 4 **Date format:** year/month/day, month/day/year, day/month/year
- 5 **Format:** execute
- 6 **Restore factory settings:** execute

Explanation

- Before using dash cam, please clean the windshield to ensure the recording quality.
- In severe weather (such as rain, snow, fog, smoke, sand, haze, frost, etc.) when the visibility is low, the image quality of the driving recorder may deteriorate.
- When the vehicle is driving, please do not operate the dash cam or watch the video, so as not to affect the driving safety.
- Do not use the dash cam for a long time when the vehicle is not started, so as not to cause the battery to lose power and affect the normal start of the vehicle.
- Do not insert or remove the memory card while power is on, otherwise the last few seconds of video will be lost, and the memory card may even be damaged.
- When there is too much data in the memory card and the available capacity is small, the card writing rate may decrease. It is recommended to format the data through the central control touch screen after backing up the data.
- It is recommended that the memory card be dedicated to the dash cam. If there are too many user data (not used by the dash cam) in the memory card and the remaining memory is less than 2GB, the dash cam may not recognize the card.

Head up display



Cutline: position of Head up display

The head-up display is connected with dashboard and navigation. It displays related information in the windshield . Head up display projection:

- Current vehicle speed.
- Driving mode.
- Road navigation, etc.

Warning

- Before driving, please check and confirm that the position and brightness of the head-up display will not hinder safe driving. Incorrect adjustment of position or brightness may hinder the driver's vision and cause an accident, which may result in personal injury or death.
- Do not keep looking at the head-up display while driving, otherwise you may not be able to see pedestrians and objects on the road in front of the vehicle, which may cause a traffic accident.



Cutline:Settings>Vehicle(Configuration functions differ in vehicles, please refer to actual vehicle)

On / Off

- 1 **Head up display:** Click the button, the icon lights up to indicate that the function is on, and turns off means off. This feature is turned on by default.

Explanation

- Polarized sunglasses will cause the head-up display unclear. Please adjust the brightness of the head-up display or remove the sunglasses.
- The clarity of the head-up display can be improved by adjusting the height of the seat and the height of the head-up display.

Head-up Display Setting Adjustment

The height, brightness, and interface of the head-up display can be set using the button on the left side of the steering wheel to operate the setting menu in the dashboard.



Cutline: setting of Head up display

1 **Head Up Display Setting:** enter into the configuration interface



Cutline: Option adjustment

Select the options that need to be set

1 **Height:** Select to enter into the height adjustment of projection screen.

2 **Brightness:** Select to enter into the brightness adjustment of the projection screen.

3 **Interface display:** Select to enter the projection screen display adjustment



Cutline: Cleaning head-up display area

Cleaning and Use Attention

Please use a clean and dry microfiber cloth to gently wipe the head-up display projector area. If necessary, slightly soak the microfiber cloth.

⚠ Attention

- Do not place any liquid containers near the head-up display projector. If liquid enters the projector area, it may cause electrical failure.
- Do not place any objects or stickers on the head-up display projector or windshield projection area, otherwise the head-up display indication may be interrupted.
- Do not touch the inside of the head-up display projector or throw sharp-edged objects or similar objects into the projector, otherwise it may cause mechanical failure.

Mobile phone remote control

The user can remotely operate the vehicle through the mobile phone APP (SERES). Under the conditions of remote control, user only need to click on the relevant interface. The specific functions are as follows:

- Remotely unlock.
- Remote raise/lower car windows.
- Remote control sunroof.
- Remotely control the back door.
- Find a car remotely.
- Remotely turn on and off seat heating.
- Remote control of the air conditioner: including turning on/off and temperature adjustment (after turning on the air conditioner remotely, the power state is in the ON position and in the remote mode. If brake is applied, remote mode will be switched to the local mode, and the power state will be switched from the ON to OFF. Air conditioner will be turned off).
- Remote scheduled charging: It is divided into remote scheduled charging and remote immediate charging. The immediate charging button can only be popped up when the charging gun is inserted and not charging. Related settings can also be made during the charging process, including setting the maximum current.
- Remote diagnosis: Refresh, check vehicle-related fault information through APP
- Remote control of the headlights: The high and low beams of the vehicle can be controlled through the APP.

Mobile Phone Interconnection

The vehicle mobile APP allows you to use your iPhone® or Android™ mobile phone to communicate with the vehicle remotely. With this APP, you can check the charging progress, start and stop charging, heat or cool the vehicle, locate the vehicle or track its movement, flashing lights, honking, locking and unlocking, and other functions.

Firstly, download the mobile APP (SERES) to your mobile phone and insert your login credentials. Then open its remote settings through the vehicle to ensure that the vehicle is ready so that you can communicate with the mobile application.

Central Control Touch Screen

The touch screen overview can help you better understand and use your vehicle, please read this section carefully.



Illustration: Homepage (Depending on vehicle options, hardware version, and market area, the touch screen may be slightly different)

Touch screen homepage display

- 1 Dock area: You can swipe to the left to view all APP functions. After pressing and holding the APP illustration for 3 seconds, when you see the Illustration enlarge, you can move the Dock bar to the top or bottom position.
- 2 Switch driving mode: Click left/right key to select different driving modes (economy mode, comfort mode, sports mode, ejection mode).
- 3 Vehicle status display: It can display the status of different vehicles, including lights, doors, and sunroofs.
- 4 Quick control: Click to expand the quick entry of vehicle control.
- 5 Vehicle shortcut function switch: One key to open various common functions.
- 6 Multimedia display area: Display the background multimedia running content.
- 7 Weather forecast display area: display the local weather forecast.
- 8 Air conditioning control area: adjustable air conditioning temperature, wind speed adjustment, air conditioning expansion page, global volume adjustment.

Warning

Drivers must always pay attention to the road and traffic conditions first. To ensure the safety of vehicle drivers and other road users, the touch screen can only be operated when the road and traffic conditions permit, and it cannot be used while the vehicle is driving. The touch screen.

Attention

Do not use sharp objects to operate the touch screen, otherwise it will cause irreparable damage to the display screen.

Dock column



Illustration: Homepage (Depending on vehicle options, hardware version, and market area, the touch screen may be slightly different)

The Dock bar contains all the APP functions of the central control touch screen (supports swiping to the left to view more APP functions, long-pressing the APP Illustration for 3 seconds, when you see the Illustration zoomed in, you can move the Dock bar to the top or bottom position)

- 1 Homepage: Click to enter the homepage interface.
- 2 Music: Click to enter the music function interface.
- 3 Navigation: Click to enter the navigation function interface.
- 4 HUAWEI HiCar: Click to enter the Smart Internet interface.
- 5 Setting: Click to enter the vehicle function setting interface.
- 6 Panoramic Illustration: Click to enter the panoramic Illustration interface.



Illustration: Homepage (Depending on vehicle options, hardware version, and market area, the touch screen may be slightly different)

- 1 Driving recorder: Click to enter the function interface of driving recorder.
- 2 Radio: Click to enter the radio/station function interface.
- 3 Media library: Click to enter the multimedia function interface.
- 4 Phone: Click to enter the phone function interface.
- 5 News: Click to enter the news selection interface.



Illustration: Home page

1 **Weather:** Click to check weather forecast



Illustration: Settings (Driver configuration)

functions are different, please refer to the actual vehicle)

Vehicle control information

In the vehicle-related settings and control items, the following operations can be performed:

- **Body control:** Click to quickly control the sunroof, sunshade, charging port, fuel tank port, rearview mirror folding and other functions.
- **Driving:** Tap to set steering mode, driving mode, energy recovery mode, brake pedal mode, and enable towed mode and creep mode.
- **Charging:** Click to view the charging status, display charging information, make scheduled charging and related charging settings.
- **ADAS driving assistance:** Click to perform blind spot monitoring, pre-collision, cruise mode, intelligent high beam, speed limit assist, lane assist function on and off, automatic parking, electronic handbrake, electronic stability control system, steep slope descent, etc. Setting of driving assistance items, etc.
- **Vehicle:** Click to adjust the height of the low beam, turn on the function of follow me home, the function switch of the welcome light, footlight, and ambient light in the car, as well as the brightness adjustment of the ambient light, the color adjustment of the ambient light, and the door lock and rear The function setting of the mirror.
- **Seat:** Click to set the seat memory function.
- **Connection:** Click to connect to Bluetooth and WIFI.
- **Sound:** Click to adjust and control the system sound, complete the adjustment of sound effects and balance, and set voice-related settings.
- **Sound:** Click to adjust and control the system sound, complete the adjustment of sound effects and balance, and set voice-related settings.
- **General:** Click to set the time, language and unit.
- **Driving information:** Click to view tire pressure status, set and clear subtotal mileage information.
- **Security and maintenance:** Click to view system version information, software updates, factory reset and vehicle settings restoration.

Air conditioning control

Overview of Air Conditioning Control

The bottom of the touch screen can perform related temperature control. By default, the temperature control is set to automatic. Except for extreme weather conditions, the cabin can maintain the best comfort at all times. When the air conditioner adjusts the temperature in AUTO mode, the system will automatically heat or cool according to the actual situation in the car and automatically adjust the air volume to reach the set temperature. When the air conditioner is not in AUTO mode, please manually select the heating, cooling, air volume and temperature of the air conditioner according to actual needs.



Illustration : Air conditioning control overview (depending on vehicle options, firmware version, market area, the touch screen may be slightly different)

1 Air volume adjustment:

- Click the “^” Illustration to increase the air volume.
- Click the “v” Illustration to decrease the air volume.

2 AUTO : Click the Illustration to enable the automatic air conditioning control function, enter the automatic mode, the system will automatically combine cold and hot air,

It also automatically controls the air internal/external circulation mode, air flow direction mode and fan speed to increase or decrease the temperature in the car to the set temperature as soon as possible.

3 Cycle mode: Click the button to switch the inner/outer cycle mode.

4 Main driving temperature adjustment:

- Click the “^” Illustration to increase the temperature.
- Click the “v” Illustration to decrease the temperature.

5 Expand function: Tap or swipe up to enter the air conditioner expand interface.

6 Air conditioning switch: Turn on/off the air conditioning system.

7 Co-pilot temperature adjustment:

- Click the “^” Illustration to increase the temperature.
- Click the “v” Illustration to decrease the temperature.

8 Front defrost: Click on/off, front defrost mode.

9 Post defrost: Click on/off, post defrost mode.

10 Volume adjustment:

- Click the “^” Illustration to increase the global volume.
- Click the “v” Illustration to decrease the global volume.

Instruction

The air-conditioning system is powered by a power battery, and the use of the air-conditioning system will reduce the vehicle's cruising range.

Temperature control settings

The temperature control system is designed to automatically provide the best comfort in most situations, set the required temperature, air conditioning, air recirculation, air distribution and fan speed automatically maintain the selected temperature, if you want to change the settings and use more Multiple temperature control functions,

Please click the "▲" illustration on the touch screen to enter the air conditioning control page.



Illustration: Air-conditioning control expanded display (depending on vehicle options, firmware version, market area, the touch screen may be slightly different)

Main and passenger seats, air outlet control

- 1 Seat ventilation and heating, massage function adjustment area
- 2 Air outlet mode switching and adjustment area
- 3 Air conditioning and refrigeration key switch
- 4 Air conditioning heating button switch
- 5 Synchronization of air-conditioning mode of main/passenger seat
- 6 Main/passenger seat blowing mode switching area

Fast control

The vehicle is equipped with a variety of functions that can be quickly controlled as required.



Illustration: Vehicle quick control interface (depending on vehicle options, firmware version, market area, the touch screen may be slightly different)

Quick control operation

Click on the quick control on the homepage to enter the quick control interface.

- 1 Quick operation of multimedia playback function
- 2 Seat memory selection
- 3 Select the desired one-key shortcut control function
- 4 Slide to adjust the brightness of the touch screen

Warning

Drivers must always pay attention to the road and traffic conditions first. To ensure the safety of vehicle drivers and other road users, the touch screen can only be operated when the road and traffic conditions permit, and it cannot be used while the vehicle is driving. The touch screen.

Driving assistance

Driving assistance (ADAS) is a kind of use of various sensors and cameras installed on the vehicle to sense the surrounding environment at any time during the driving process of the car, collect data, identify, detect and track static and dynamic objects, and combine it with navigation. The instrument map data is used for system calculation and analysis, so that the driver can be aware of possible dangers in advance, and effectively increase the comfort and safety of car driving.

Vehicles equipped with speed limit reminders, lane assistance, driving assistance, blind spot monitoring, collision warning, cruise mode, smart lights, speed limit reminders and other peripheral on-board electronic devices for communication and control, and provide information required by the active safety intelligent early warning system platform equipment.



Illustration: Settings->ADAS Auxiliary (Different configuration functions are different, please refer to the actual vehicle)

- 1 Intelligent far and near light: When the light switch is in the AUTO state, it will automatically switch the far and near lights according to changes in the environment.
- 2 Speed limit reminder: Recognize the speed limit sign ahead through the camera to remind the driver of the speed limit information on the current road.
- 3 Driving assistance: Including: automatic parking, electronic handbrake release, body stability control system closed, steep slope descent.



Illustration: Settings>ADAS Auxiliary (Different configuration functions are different, please refer to the actual vehicle)

- 1 Blind spot monitoring: When the vehicle is parked and driving, monitor the blind spot on the side of the vehicle and the adjacent lane to remind the driver to pay attention to safety.
- 2 Collision warning: When the vehicle is driving, when there is a danger of collision between the vehicle and the vehicle in front or a pedestrian, remind the driver to pay attention to safety.
- 3 Congestion Assist/Integrated Cruise: It can assist the driver to complete acceleration, deceleration and steering in the lane. When turned on, the steering assist mode will automatically switch to "comfort mode".



Illustration: Settings>ADAS Auxiliary (Different configuration functions are different, please refer to the actual vehicle)

- 1 Lane departure warning: When the congestion assist/integrated cruise function is turned on, the lane departure warning function will be automatically turned on.

Connection

The vehicle can transmit data in different ways, but all data transmission of the vehicle can only be connected through one device at the same time.



Illustration: Settings> Connection (Different configuration functions are different, please refer to the actual vehicle)

1 Bluetooth: Click the button, the Illustration lights up to indicate that the function has been turned on, and expand the device to be connected. The button is grayed out to indicate that the function has been turned off.

2 WIFI: Click the button, the Illustration lights up to indicate that the function has been turned on, and expand the device to be connected. The button is grayed out to indicate that the function has been turned off.

Bluetooth® compatibility

If the mobile phone is in the operating range, you can use a mobile phone with Bluetooth communication function in the vehicle for hands-free use.

Before using the mobile phone with the vehicle, it must be paired. Pair the vehicle with a Bluetooth-enabled mobile phone.

If the system storage of connected devices has reached the upper limit, if you want to add a mobile device, you must delete a paired device first.

Bluetooth phone pairing

Attention

If the phone battery is low, Bluetooth will turn off.

When pairing, you need to set the vehicle to use with a mobile phone with Bluetooth function. After the mobile phone is successfully paired, as long as the mobile phone turns on the Bluetooth and is within the vehicle's Bluetooth signal range, the vehicle can establish a connection with the mobile phone.

To pair a mobile phone, follow the steps below while sitting in the vehicle:

1. Make sure that both the touch screen and the phone are turned on.
2. Enable Bluetooth in the system settings.
3. Turn on Bluetooth on the phone and set it to be visible.
4. Tap to start searching on the touch screen, touch the screen to search, and then display a list of all available Bluetooth devices within the detection range.
5. Tap the phone to be paired on the touch screen. Within a few seconds, the touch screen will display a randomly generated number, and the phone will display the same pairing number.
6. Check that the number displayed on the phone matches the number displayed on the touch screen. Then confirm the pairing on the mobile phone.

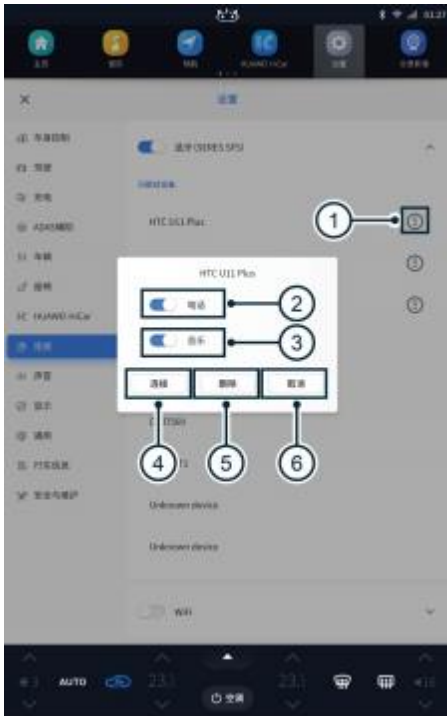


Illustration: Settings> Connection> Bluetooth Settings (Different configuration functions are different, please refer to the actual car)

Unpairing of Bluetooth phones

- 1 Settings: Click to expand pairing settings.
- 2 Phone: Switch to allow/deny access to mobile phones.
- 3 Music: Switch to allow/deny access to mobile music.
- 4 Connect: Connect/disconnect this paired mobile phone.
- 5 Delete: Delete this paired mobile phone.
 - Once you forget a device, if you want to use it with the vehicle, you need to pair it again.
- 6 Cancel: Cancel the setting.

Attention

The phone will automatically disconnect when leaving the vehicle.

WIFI connection

Wi-Fi can be used as a data connection method, which is usually faster than cellular data network. When the cellular network connection is restricted or there is no network connection, you can use Wi-Fi connection.

Fast and reliable transmission of vehicle software updates.

You can connect to a Wi-Fi network through the following steps:

1. Turn on the Wi-Fi network in the system settings, the car will automatically scan the Wi-Fi network and display the available list.
2. Select the Wi-Fi network you want to use, enter the password (if necessary), and then confirm the connection to the Wi-Fi network.

Instruction

- Once connected to a certain network: Whenever the vehicle is within its range, the vehicle will automatically connect. If there are multiple previously connected networks within the range, the vehicle will connect to the most recently used one.
- You can also use the Wi-Fi routing function to create a car hot spot to share connections with other devices.

Panoramic image

The panoramic imaging system collects illustrations around the vehicle through four fisheye cameras installed on the front, rear, left, and right of the vehicle, and processes the illustrations through real-time illustration distortion restoration and docking technology, and finally forms a seamless and complete panoramic bird's eye view of the vehicle week, which is displayed on the touch screen. The parking assist system, which can reduce blind spots in the field of vision, helps users to park their cars smoothly, and improves the passability of scenes such as narrow roads and narrow lanes.

Warning

- The distance between the person/object/obstacle displayed on the touch screen and the vehicle may be closer than the actual distance.
- The parking assist camera is designed to provide assistance when parking the vehicle. However, the parking assist camera cannot replace your attention and judgment.
- The camera has a blind spot. Within the blind spot, the camera cannot detect objects or people around or near the vehicle.

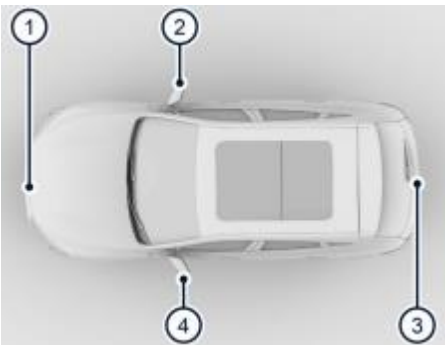


Illustration: Panoramic Illustration camera position

The vehicle is equipped with four cameras, which are located above the front license plate, above the rear license plate, below the left side rearview mirror, and below the right side rearview mirror.

- 1 Front camera
- 2 Exterior mirror camera-right
- 3 Rear camera
- 4 Exterior mirror camera-left

Whenever you switch to the reverse gear, the panoramic parking function is forcibly turned on, and illustrations from the camera and radar are displayed on the touch screen. When the vehicle speed is lower than 20km/h, click on the panoramic illustration in the Dock bar to open panoramic parking.



Illustration: Panoramic Illustration display :

- 1 Panoramic Illustration is off
- 2 Radar switch button
- 3 Radar sound switch button
- 4 Switching the Illustration display area
- 5 Parking radar monitoring display area

Button	Function
	Switch to 2D top view + 2D single-channel front view
	Switch to 2D top view + 2D single-channel rear view
	Switch to 2D top view + 2D single-channel left view
	Switch to 2D top view + 2D single-channel right view
	Switch to 2D top view + 3D panoramic view
	Set the button, you can set the left and right steering linkage function, set the power-on panoramic self-check function, and check the version number, etc.

Limitations of the parking assist camera system

The parking assist camera system has certain limitations:

Blind spot: The camera's field of view is limited. Before reversing, if you find a child or object suddenly disappears from the rear camera view, please check again. The child or object may have entered the blind spot of your parking camera.

Ambient brightness: The camera Illustration is automatically adjusted according to the brightness of the surrounding environment of the vehicle. When the brightness is insufficient, the quality of the camera Illustration on the central display screen will be reduced.

Weather: Please pay attention to the surrounding environment on rainy days. The surface of the camera may be covered by water, causing Illustration distortion.

Maintenance: Please clean the parking assist camera regularly and carefully wipe off dust, ice and snow. Be careful not to scratch the lens.

Parking assist system

The parking assist system is used to assist you when you drive into/out of parking spaces, garages, etc.

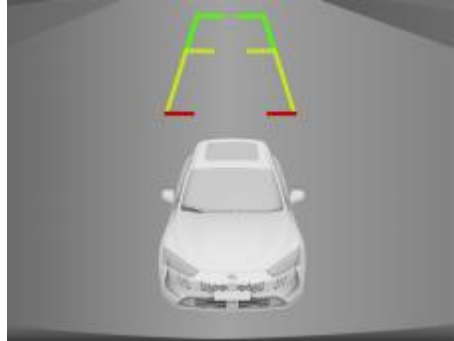


Illustration: Obstacle Distance Assist (The picture is for Instruction only, please refer to the actual display for details)

The highlighted fan-shaped area indicates that an object has been detected in that area. As the vehicle gets closer and closer to the object, the highlighted sector will change from green and yellow to red.

You will hear the alarm sound, and the closer the vehicle is to the object, the higher the frequency of the alarm sound.

Attention

The parking assist system is an information system, not a safety system. The system is designed to provide assistance when parking the vehicle. Even if you use it, the system cannot replace your attention and judgment.

Instruction

- When the parking assist system detects that the vehicle is too close to an obstacle, the alarm sound will continue to turn on.
- You can click the " " Illustration to turn on or off the alarm tone Show.



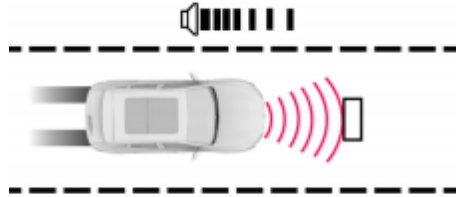
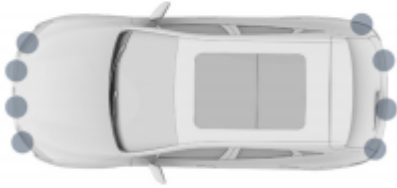


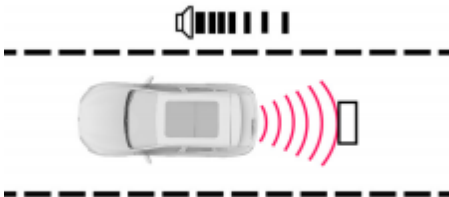
Illustration: The location of the parking assist sensor :

Parking assist sensor

Please clean the sensor regularly to ensure its normal operation. Please clean it with clean water and a suitable vehicle cleaner.

Instruction

If the sensor is blocked by dust, snow or ice, it may cause the parking assist system to issue a false warning signal.



Rear parking assist system

After the vehicle is started, when you put the shift knob in the "R" position to reverse, the rear sensor will be automatically activated. If the buzzer function is turned on, the audible warning signal will be activated when the vehicle is 1.5 m away from the rear object.

Front parking assist system

After the vehicle is started, and the vehicle speed is below approximately 4.8 km/h, the sensor will be activated.

Restrictions and false alarms

The parking sensor may not work properly in the following situations:

- One or more parking sensors are damaged, dirty or covered (such as mud, ice or snow).
- The position of the object is less than about 20cm (such as a shoulder stone or low obstruction).
- Weather factors (heavy rain, snow or fog) interfere with the operation of the sensor.
- The object is too thin (such as a sign).
- The detection range of the sensor has been exceeded.
- The object is sound-absorbing or soft (such as powdery snow).
- The object is inclined (such as a sloping embankment).
- The vehicle is parked or driving in extremely hot or cold temperatures.
- The sensor is affected by other electrical equipment or devices that produce ultrasonic waves.
- The object is too close to the bumper.
- The bumper is not aligned or damaged.
- Objects (such as bicycle racks or bumper stickers) installed on the vehicle that interfere with or obstruct the sensor.

Telephone

After the vehicle is paired with the mobile phone via Bluetooth, you can use the integrated hands-free system, and you can make calls through contacts or call records. Tap the phone in the Dock bar of the touch screen homepage to enter.



Illustration: Phone function interface

- 1 Favorites: Click to view the list of favorites.
- 2 Contact: Click to view the contact list.
- 3 Call log: Click on the call log list.
- 4 Dial keypad: Click here to dial manually.
- 5 Dialing area: soft keyboard area.
- 6 Call: Call the contact.

Instruction

If it is safe and legal, you can also dial the number directly from the mobile phone or select a contact to initiate a call.

Warning

- In areas with high risk of explosion, please turn off your mobile phone. Areas with high risk of explosion include gas stations, fuel storage areas and chemical plants, as well as other areas where the air contains fuel vapor, chemical substances or metal dust. The mobile phone may generate sparks. If it causes a fire or explosion, the high-frequency remote control will be disturbed and cause an explosion.
- Using a handheld device while driving is very dangerous and may even violate the law in some countries.

Answer the call

If the caller is in the address book and the vehicle has visited the contact, when the phone receives an incoming call, the meter and touch screen will display the caller's number or name. Touch an option on the touch screen, or use the buttons on the right side of the steering wheel to answer or ignore the call.

Multimedia

The vehicle is equipped with a variety of entertainment functions, and you can operate it according to your needs.

When using the entertainment function, you can only play audio files in one format at a time.

Warning

When operating the entertainment function, make sure to park the vehicle in a safe place, set the gear position in the "P" gear and use the parking brake, otherwise it may cause a safety accident.

Overview

Find music or radio in the Dock of the touch screen homepage.



Illustration: Music>USB (Different configuration functions are different, please refer to the actual car)

USB Music

When playing multimedia via the USB device interface, the vehicle can only recognize the flash drive.

- 1 Play function selection
- 2 Online search
- 3 Resource classification
- 4 Music list



Illustration: Music> Bluetooth (Different configuration functions are different, please refer to the actual car)
Bluetooth music

If there is a Bluetooth-enabled device (such as a mobile phone), and the device is paired and connected to the vehicle, the audio files in the device can be played and music streaming services can be used.

1 Play function selection



Illustration: Music> Kuwo Music (Different configuration functions are different, please refer to the actual car)

Kuwo music

If the vehicle is connected to the Internet, you can use online music services to play selected tracks, albums or playlists. The media player will start playing and display the playing screen. If you have an online music account, you can also log in to the online music account.

1 Play function selection

2 Online search

3 Resource classification

4 Recommended music songs

5 Recommended musicians



Illustration: Radio> Radio (Different configuration functions are different, please refer to the actual car)

Radio

- 1 Tap to add a station to favorites, tap again to cancel favorites
- 2 Turn down the radio frequency
- 3 Current radio frequency
- 4 Increase the radio frequency
- 5 Tap to select FM or AM
- 6 Switch to the previous station
- 7 Pause or play the current station
- 8 Switch to the next station
- 9 Search and briefly play the searched radio station
- 10 List of radio stations



Illustration: Radio> Online Radio (Different configuration functions are different, please refer to the actual car)

Online radio

If the vehicle is connected to the Internet, you can use the online radio service. If you have an online radio account, you can also log in to the online radio account.

- 1 Play function selection
- 2 Online search
- 3 Resource classification
- 4 Radio Plaza

Voice Control

You can voice control some functions of the vehicle's air conditioning, navigation, and window systems through voice commands. You only need to say your commands and the system will help you complete the operation.

Voice control provides great convenience for the driver, so that he can focus on driving and the traffic conditions around the vehicle.

Warning

As a driver, you are responsible for driving the vehicle safely and you must comply with all applicable traffic laws.

Use voice commands

Press the button on the keyboard on the right side of the steering wheel or say wake up Word, wait for the system to emit a prompt tone.

Instruction

When the voice system detects that there is a wake-up word or a pronunciation similar to the wake-up word in the user's dialogue, the voice system may also be activated and emit a prompt tone.

When using voice commands, keep the following in mind:

- When giving commands, speak at a normal speed and in a normal tone.
- Speak clearly and avoid using slang.
- When using the voice control system, keep the car quiet.
- Voice commands can be monitored during system response.



Illustration: the position of the front microphone
Front microphone position

Voice control uses 2 microphones located on the front reading light.

Instruction

Please avoid aiming the air outlet at the ceiling and close the car windows, otherwise the noise from these places may interfere with the microphone.



Illustration: Settings> Sound (Different configuration functions are different, please refer to the actual car.)

Set up voice control

1 Voice function selection area

2 Click to select the speaker and the pronunciation area language

Software update

You can update the software by connecting to WIFI, Process provides the latest features.

- It can safely and reliably carry out OTA over-the-air upgrade system procedures.
- When the map is updated, due to the large data, it may take two to three hours to complete. When the new software is installed, the vehicle must be parked.
- You can also go to Chongqing Jinkang New Energy Service Center to upgrade the software.

Charging

In order to be familiar with and use charging more quickly Settings, please read this section carefully.

High voltage overview

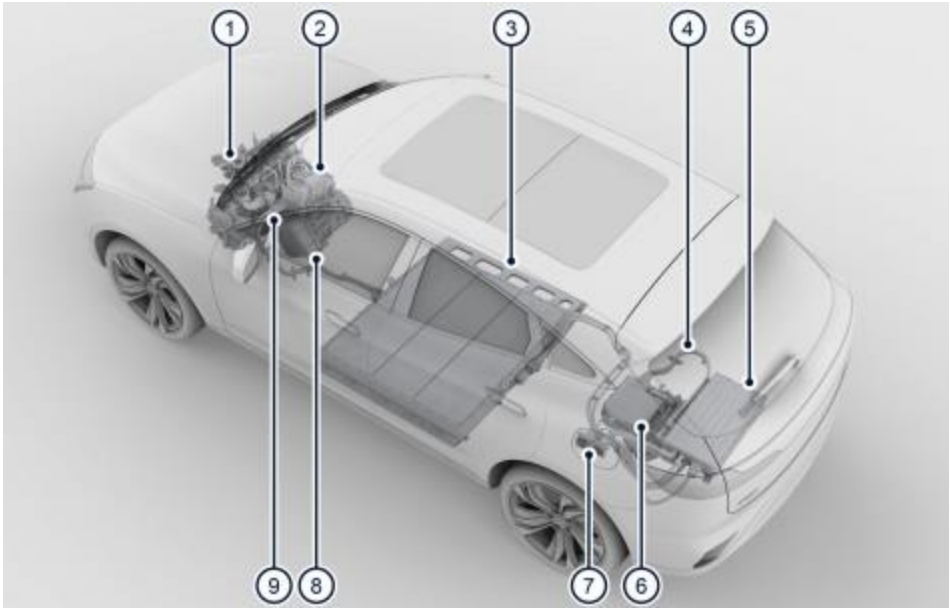


Illustration: The picture is for illustration only, please refer to the actual car for details

Parts introduction

This car is equipped with high-voltage components and high-voltage cables in the front compartment and chassis. There are obvious prompt or warning labels on the surface of the high-voltage components. The high-voltage cables are packaged in orange corrugated tubes. Please do not touch or disassemble these high-voltage components and high-voltage without authorization. Cable, otherwise it will damage the vehicle and your life.

- 1 Range extender
- 2 Generator controller
- 3 Power battery
- 4 High voltage cable
- 5 Car charger
- 6 Rear drive motor
- 7 Charging port
- 8 Front drive motor
- 9 High voltage junction box

Warning

- The high-voltage system has no user-serviceable parts. Do not disassemble, remove or replace high-voltage components, cables or connectors without authorization. The high-voltage cables are marked orange for easy identification.
- Please read and follow all instructions on the labels attached to the vehicle. These labels are provided for your safety.
- In the event of a fire, contact the local fire rescue department immediately.

Charging instructions

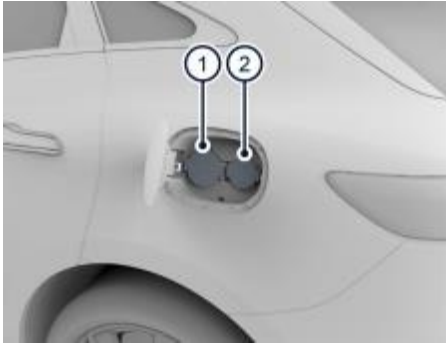


Illustration: Vehicle charging interface

The vehicle provides two charging ports

- 1 Fast charging port
- 2 Slow charging port

⚠ Attention

- Please choose to charge in a relatively safe environment (such as avoiding liquids, fire sources, etc.).
- Do not modify or disassemble the charging gun, charging socket and charging equipment, otherwise it may cause charging failure or even cause a fire.
- Do not touch the charging socket or the metal terminal inside the charging gun.
- When there is lightning, do not charge or touch the vehicle. A lightning strike may damage the charging equipment and even cause personal injury.
- Before charging, please make sure that there is no water or other debris in the vehicle's charging socket and charging gun, and confirm that the charging gun, charging socket and cable are not damaged or corroded. If this happens, please do not charge to avoid short circuit or electric shock. Accidents threaten life and safety.
- When the vehicle plug is dirty or wet, wipe the plug with a dry and clean cloth to make sure that the charging plug is dry and clean.
- Before driving the vehicle, make sure that the charging gun is disconnected from the charging port.
- After charging, do not disconnect the charger with wet hands or standing in water. This may cause electric shock and personal injury.

Charging method

There are three charging methods for the vehicle:

- Use the household car charging cable to charge: The car is equipped with a household car charging cable, which is connected to a three-hole socket with no less than 16A / 220V specification through the slow charging port for charging.

⚠ Attention

The three-hole socket used for charging should comply with national standards, and its specifications should not be less than 16A / 220V to prevent the three-hole socket from being ablated, damage to the charging harness, and tripping caused by high-power charging.

- Use AC charging pile to charge: This charging method is realized by installing a high-power wall-mounted charging pile connected to a slow-charging charging port. It can be charged at home or in a personal parking space, and it can also be used in public places such as public parking lots, large supermarkets, charging stations, etc. Charging is carried out through an AC charging pile.

- Charging using DC charging piles: This charging method is what we call fast charging. DC charging piles are usually installed in public parking lots, large supermarkets, charging stations and other public places. DC charging piles can be used in the above public places to connect Quick charge charging port for charging.

📖 Instruction

Before locking the car, if the charging gun is inserted for charging, press the remote control key to lock the car or carry the key away from the locked car during the charging process, the instrument will prompt "Electronic steering lock lock failed", this prompt is a normal prompt. No need to worry, if you plug in the charging gun for charging after locking the car, the meter will not have this prompt.



Illustration: Settings> Charging (Different configuration functions are different, please refer to the actual car)

Instructions

1 Remaining charging time (displayed under charging status)

2 Charging instructions: start charging, prepare to charge, end charging

3 Charging information

4 Charging mode

• Charge immediately: Plug in the charging gun, click the button, and the battery will start charging.

• Scheduled charging: plug in the charging gun, click the button, and set the scheduled charging time (scheduled charging is only applicable to AC charging).

5 Charging settings

6 Range extender start threshold: when the battery power is lower than the threshold, the range extender starts

7 Set the maximum charging current



Illustration: The meter displays charging information. When the charging is completed, the charging interface indicator light stops flashing and turns steady green, and the meter or touch screen displays the charging completion message.

1 Current charging information

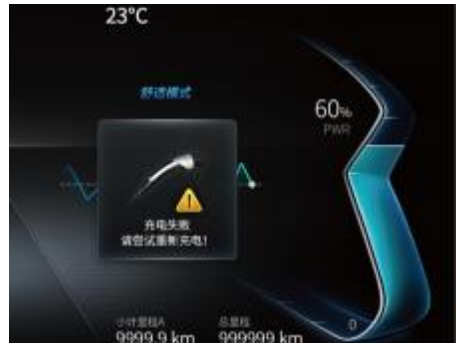


Illustration: Display of charging failure in the pop-up window of the meter

The fault may occur due to power failure and other reasons, and the charging will automatically resume when the power is restored.

If this prompt still appears after the power is restored and repeated attempts to recharge, please contact Chongqing Jinkang New Energy Service Center immediately.

⚠ Attention

When charging, especially when charging with high current, the compressor and cooling fan work as needed to ensure that the battery is within the normal temperature range. Therefore, it is normal to hear sound during charging.

Fast Charging

Start Charging



Picture: DC charging pile fast charging operation process

1. Park the vehicle to the designated parking place of the AC charging pile, and confirm that the vehicle is in P gear and the parking brake is activated.

2. Unlock the charging port cover.

When the charging port cover is opened, the charging port indicator will light up.



Illustration: Connect the charging cable

3. With the charging port cover open, press the button on the connected charging gun and insert the charging gun according to the corresponding charging port. After confirming that the connection is correct and reliable, release the button on the charging gun to complete the electronic lock closure.

⚠ Attention

- If the charging cable is dropped onto the vehicle, the charging gun at the end of the charging cable may damage the paint.



Illustration: Settings> Charging (Different configuration functions are different, please refer to the actual car)

4. After performing the charging operation on the screen of the fast charging station, tap the button to start charging.

End Charging



Illustration: Settings> Charging (Different configuration functions are different, please refer to the actual car)

1. The battery is fully charged or the end charging operation is performed on the touch screen.

2. Press the button on the charging gun, pull out the fast charging gun and place it in the charging gun holder of the fast charging pile.

3. Close the inner cover and outer cover of the fast charging port.

Slow Charging

Start Charging



Picture: AC charging pile slow charging operation process

1. Park the vehicle to the designated parking place of the AC charging pile, and confirm that the vehicle is in P gear and the parking brake is activated.

2. Unlock the charging port cover.

When the charging port cover is opened, the charging port indicator will light up.



Illustration: Connect the charging cable

3. With the charging port cover open, press the button on the connected charging gun and insert the charging gun according to the corresponding charging port. After confirming that the connection is correct and reliable, release the button on the charging gun to complete the electronic lock closure.

Attention

- If the charging cable is dropped onto the vehicle, the charging gun at the end of the charging cable may damage the paint.



Illustration: Settings> Charging (Different configuration functions are different, please refer to the actual car)

4. Tap the button to start charging.

End Charging



Illustration: Settings> Charging (Different configuration functions are different, please refer to the actual car)

1. The battery is fully charged or the end charging operation is performed on the touch screen.

2. Press the button on the charging gun, pull out the charging gun and place it in the charging gun holder of the slow charging pile.

3. Close the inner cover and outer cover of the slow filling port.

ⓘ Attention

- In order to prevent others from unplugging the charging gun without authorization, during the charging of the vehicle, unless the vehicle is actively unlocked and charging is stopped, the charging gun cannot be pulled out.
- If you cannot remove the slow-charge charging gun after charging is complete, you can pull the slow-charge emergency cable with force, return the electronic lock extension rod, and then pull out the slow-charge charging gun, emergency cable location and usage (please refer to page 143).
- When the vehicle is not used for a long time, it is recommended to keep the vehicle connected to the charging station, which will help maintain the best battery power.

Car-to-car charging system

The extended-range version (requires a quick-charge charging stand configuration) has the function of car-to-car mutual charging. The extended-range model can be used to charge other cars through the quick-charging socket and V2V discharge gun, and the maximum power can reach 10kW.

📖 Instruction

You can consult SERES Service Center for details on how to obtain the V2V discharge gun.

High-power wall-mounted charging pile

The fastest way to charge a vehicle at home is to install a high-power wall-mounted charging station in your garage.

📖 Instruction

You can consult SERES Service Center for details on how to obtain high-power wall-mounted charging piles.

Car-to-load mutual charging

The vehicle has the function of on-board charger for mutual charging of the load. The function of outputting 220V alternating current can be realized through the slow charging socket and the discharge gun, and the maximum power can reach

3.3kW.



Illustration : On-board charging cable

On-board charging cable

1 Three-pin plug

- Before charging, make sure that the 16A three-pin plug at the end of the charging gun matches the charging socket.

2 Charging gun

- Hold the charging gun and insert it into the charging socket at the car end. After hearing the "click" sound, it indicates that the charging gun and the socket have been inserted in place, and then it enters the charging preparation state.

3 Charging control box

Charging box status indicator:

- Power indicator: self-checking (green light), charging (yellow light), charging stopped (green light).
- Fault indicator: red light.

4 16A electric wire

- Connect components such as a three-pin socket and charging gun.

ⓘ Attention

When charging with a household power supply, make sure that the current specifications of the sockets and plug-in strips used are not lower than the current requirements of the on-board charging cable.

Open the charging port cover

Instruction

The charging port is located at the rear of the driver's side of the vehicle.

Park the vehicle in an area away from flammable and explosive materials, and place

The charging cable is easy to reach the charging port, and the shift knob is placed at P. The charging port cover can be opened in the following two ways:

- In the low-voltage state, press the key “ ” button twice in succession to open the charging port cover.
- Enter the homepage of the touch screen and click the “ ” illustration to open the charging port cover. This button can only be used to open the charging port cover.

If the charging port cover cannot be opened by the above two methods, you can use the application

Emergency cable to open the charging port cover, emergency cable location and usage.

Charging interface indicator

Item	Instruction
Green stable brightness	Display the current battery level, each grid represents 20% battery level, charging is complete
Yellow stable brightness	The charging mode has been initialized or prepared for charging, but there is no current
Green lights up in turn, and turns off at the same time	It is charging, and the charging power interval is displayed, and each grid represents 20% power
The blue lights up in sequence and then goes off at the same time	Discharge process, and display power interval, each grid represents 20% power
Red	Charging failure

Powery battery

Powertrain battery maintenance

Do not allow the power battery to discharge completely. Even when the vehicle is not running, the power battery will discharge very slowly. Generally, the power battery discharges at a rate of less than 3% per month. The vehicle needs to avoid long-term parking for six consecutive months. When parked for a long time, it is necessary to charge and discharge at least 50% of the depth of charge and discharge every six months. There may be some situations that require the vehicle to be in a power-off mode for a long period of time (for example, travel). In these cases, please pay attention to the fact that the power battery discharges at a rate of less than 3% per month, and ensure that the power battery of your parked vehicle has sufficient charge.

Warning

- For any part of the battery, the owner or the maintenance technicians of the non-Chongqing Jinkang New Energy after-sales service center should not disassemble and repair the battery. Under any circumstances, the battery should not be opened or modified. You must contact SERES Service Center to arrange Battery maintenance.
- If the power battery power is as low as 0%, it must be charged. If it is left in an unpowered state for a long time, it may not be possible to charge the vehicle. It cannot be started without jumper start or replacement of the 12V battery. Use a vehicle. If you cannot charge the vehicle, please contact Chongqing Jinkang New Energy Service Center immediately.

Temperature limit

Do not expose the vehicle to an ambient temperature higher than 55 °C or lower than -30 °C for more than 24 hours.

High-voltage power battery recycling instructions

The high-voltage power battery is installed at the bottom of the car. It contains many lithium battery cells. Disposal of it at will may cause pollution or harm to the environment. Please refer to the following information or requirements and be recycled by Chongqing Jinkang New Energy Automobile Service Center or a designated partner.

- Personnel requirements: Disassembly must be carried out by qualified professionals.
- High-voltage safety: There are lithium battery packs, high-voltage wiring harnesses and other high-voltage components inside, and insulation safety protection must be done before opening or disassembling.
- Transportation: The high-voltage power battery belongs to the 9th category of dangerous goods and must be transported by vehicles with the 9th category of dangerous goods transportation qualification.
- Storage: Store the removed high-voltage power battery in a normal temperature, dry environment, away from flammable materials, heat sources, water sources and other dangerous sources.
- Internal composition: The high-voltage power battery is composed of lithium batteries (groups), circuit boards, wires, metal shells and other components.

It is recommended that the waste high-voltage power battery generated due to vehicle scrapping or other reasons be handed over to the recycling service outlet designated by Chongqing Jinkang for disposal. For the maintenance, recycling and disposal of high-voltage power batteries, please consult the Chongqing Jinkang New Energy Vehicle Authorized After-sales Service Center for details.

Warning

Hand over the used high-voltage power battery to other units or individuals, and disassemble the high-voltage power battery without authorization, resulting in environmental pollution or safety accidents, and the owner of the high-voltage power battery shall bear the corresponding responsibility.

Emergency Management

In order to be able to quickly familiarize and correctly use the vehicle's emergency handling measures, please read this section carefully.

Emergency opening of the back door

Emergency unlocking of back door

In case of emergency, you can mechanically open the back door from the vehicle.

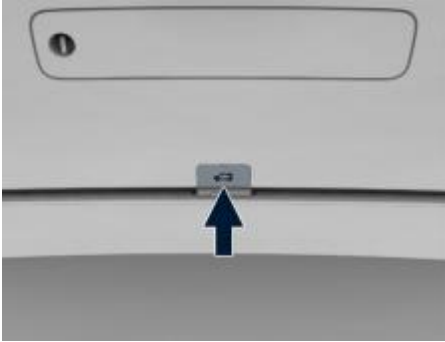
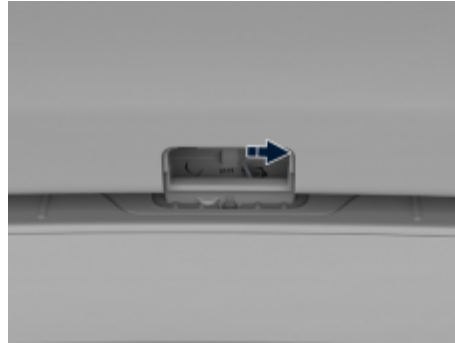


Figure: open the decorative cover plate of back door emergency switch

1. Use a slotted screwdriver or similar tools to remove the decorative cover plate.



- Figure: move the opening paddle to the right
2. Move the emergency opening paddle of the back door lock to the right.
 3. Open the back door after unlocking the back door lock.

Emergency opening of charging cover

Emergency unlocking of charging interface

If the electric unlocking mechanism fails, the charging port cover can be opened manually, and the emergency unlocking device is located on the left trim panel of the rear luggage compartment.

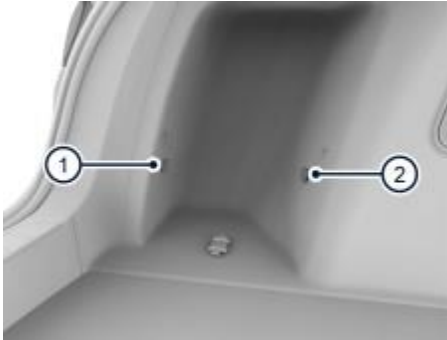


Figure: emergency pull lock (the picture is for illustration only, please refer to the real vehicle for details)

- 1. Emergency cable of charging port:** loosen the buckle and pull the cable to open the charging port of the vehicle when the charging port cannot be opened normally.
- 2. Emergency cable of slow charging socket:** loosen the buckle and pull the cable. When the slow charging gun cannot be pulled out normally, return the electronic lock extension rod and put the hook of the slow charging gun in the active state, so as to complete the separation operation between the charging gun and the charging base.

Emergency opening of the oil filler

Emergency unlocking of fuel filler

If the electric unlocking mechanism fails, the filler cap can be opened manually. The emergency unlocking device is located in the right trim panel of the rear luggage compartment. Please refer to the following steps.



Figure: remove the rear side wall net pocket 1. Press both sides inward, disengage the mesh bag clip, and remove the rear side wall mesh bag.



Figure: disengage the cover plate

2. Press down on the edge of the cover plate to separate the cover plate from the luggage compartment trim panel.



Figure: remove the cover plate

3. Rotate and take out the cover plate



Figure: release the filler cap

4. Loosen the clip, pull the cable and release the filler cap. After unlocking the oil filler, please reset and install in reverse order in time.

Attention

Open the fuel cap from the emergency pull lock cannot activate the refueling function, the fuel tank pressure cannot be released normally. It is necessary to slowly open the fuel cap to prevent fuel splashing injury. It is necessary to slowly fill fuel to prevent frequent gun jumping during refueling. The emergency pull lock is only used in an emergency state. If the touch screen cannot open the fuel cap, go to the service station for vehicle maintenance as soon as possible.

Onboard tools

The driver's tools include: triangle warning sign, inflation pump, quick tire repair fluid, reflective vest and trailer hitch.

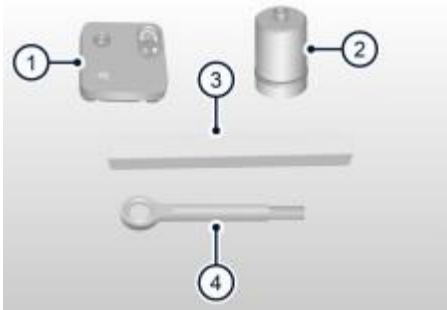


Figure: Driver's tool

The vehicle is equipped with inflation pump, quick tire repair fluid and trailer hitch, which can be taken out by opening the inspection cover plate on the right side of the luggage compartment.

Driver's tool

- 1 inflation pump
- 2 quick tire repair fluid
- 3 triangle warning sign
- 4 the trailer hitch reflective vest is placed in the armrest box.

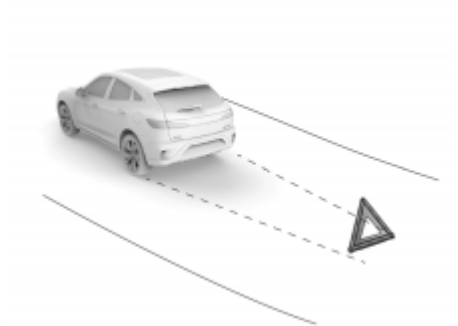


Triangle warning sign



Figure: triangle warning sign is on the trim panel of back door

Open the back door, rotate the knob to remove the cover plate of the triangular warning sign, and then take out the triangular warning sign.



Towing vehicle

Warning

- Damage caused by transportation is not covered by the warranty.
- To transport vehicles, strictly follow the following instructions.

Activate Trailer mode

When the driver is detected to leave, the vehicle will automatically switch to park. Even if it has been switched to neutral in advance, to keep the vehicle in neutral (out of parking brake), the towed mode must be activated through the touch screen: 1. Switch to park.



Figure: setting > driving (different configuration functions are different, please refer to the real vehicle)

2. Press the brake pedal, and then click "Trailer mode" on the touch screen to turn it on (at this time, close the main driver's door and fasten the safety belt).

Attention

Trailer mode is logged off when the vehicle is switched to park.

Illustration

- *If the vehicle needs to be towed, please contact SERES after sales service center or professional Trailer company for handling, and tell them how to tow the vehicle.*
- *When towing a vehicle, the use of appropriate towing equipment can ensure that the vehicle is not damaged. The personnel of professional Trailer companies are familiar with national / provincial and local Trailer laws and can seek their help.*

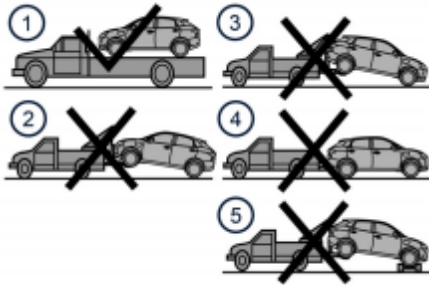


Figure: loading the vehicle with a flatbed rescue vehicle

Use the flat rescue vehicle

Precautions for vehicle towing are as follows:

- It is necessary to use the dragging method of four wheels off the ground, and it is forbidden to use the dragging method of ② ③ ④ ⑤ in the above.
- Before the trailer, the vehicle shall be in gear N, open the double flash, close the door and lock the mechanical lock.
- During the towing process, personnel are prohibited from staying in the vehicle.
- If the vehicle has been powered off and the EPB cannot be released normally, do not tow it directly. Please call the emergency rescue number and wait for professional technicians to come to the scene to solve the problem.

Warning

- When the vehicle is pulled onto the flatbed rescue vehicle, no person or object is allowed to be behind the trailer, otherwise it may cause personal injury or death.
- When towing a vehicle, passengers are forbidden to stay in the vehicle, otherwise an accident may occur and cause casualties.

Attention

After loading the faulty vehicle onto the rescue vehicle, turn on the electronic parking brake switch of the faulty vehicle and fix the four wheels to prevent the faulty vehicle from moving during emergency braking of the rescue vehicle.

Attention

If you need to use the rigid towing method to tow, please refer to the operation precautions:

- If the platform truck cannot be used to tow the vehicle normally, the rigid connection method can be used to urgently tow the vehicle to a safe area and wait for rescue.
- When rigid towing is used, long-distance towing should be avoided, and the towing speed should not exceed 5km/h.
- The vehicle can only be towed away from the scene under the premise of ensuring that there is no safety risk. If the vehicle's power battery is deformed, leaks, or smokes, the safety risk should be resolved first.

Towing vehicle

Vehicle front towing

1. Remove the towbar from the boot.



Figure: remove the front towbar hole plug

2. Press the upper edge of the plug to remove the front towbar hole plug.



Figure: installing trailer hitch

3. Rotate clockwise to install the towbar.

Warning

- When towing the vehicle, the hazard warning lights must be turned on and the relevant local regulations must be observed.
- During traction, the gear of the whole vehicle shall be switched to gear N.
- The traction ring must be firmly screwed into the threaded hole, otherwise the traction ring may slip from the threaded hole during traction.
- When towing, do not let anyone near the tow rope.
- Do not allow the tires to slip at high speed, as this may cause a blowout and result in serious injury to personnel and possible overheating and damage to vehicle parts.
- The rope should only be hung on the tow hook, not on other parts of the vehicle, otherwise it will damage the vehicle.
- When using a tow hitch to assist in extricating a vehicle, the tow hitch is subject to considerable force and must be pulled from the front of the vehicle, not from a side angle.
- When towing a vehicle with a trailer hitch, only drive on hard surfaces at a speed of less than 20 km/h and tow a maximum distance of 20 km. The driver must sit inside the vehicle and operate the steering wheel and brakes, and the wheels, driveline, axles, steering wheel and brakes must be in good condition.
- When towing with a trailer hitch, it is prohibited to tow a vehicle heavier than your own vehicle.
- When towing a vehicle with a trailer hitch, extreme care must be taken to start and drive the vehicle slowly and smoothly, as excessive pulling forces can cause shock loads that may result in serious injury to personnel or damage to the vehicle.

Vehicle rear towing

1. Take the trailer hitch out of the trunk.



Figure: Removing the rear trailer hitch hole plug cover

2. Press the upper edge of the cap and remove the rear towbar hole cap.



Figure: Installation of trailer hitch

3. Rotate clockwise to install the towbar.

Warning

- When towing the vehicle, the hazard warning lights must be turned on and the relevant local regulations must be observed.
- During traction, the gear of the whole vehicle shall be switched to gear N.
- The traction ring must be firmly screwed into the threaded hole, otherwise the traction ring may slip from the threaded hole during traction.
- When towing, do not let anyone near the tow rope.
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- When towing with a trailer hitch, it is prohibited to tow a vehicle heavier than your own vehicle.
- When towing a vehicle with a trailer hitch, extreme care must be taken to start and drive the vehicle slowly and smoothly, as excessive pulling forces can cause shock loads that may result in serious injury to personnel or damage to the vehicle.

Jumper start

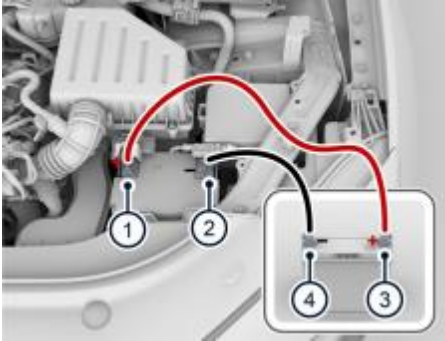


Figure: the front compartment trim cover has been removed

Jumper start

Danger

Please strictly observe the following instructions, otherwise the electrical components may be damaged or even cause personal injury or death.

- Do not connect the jumper cable to any part of the fuel system or to any moving part.
- Please be careful not to touch the hot area of the front compartment.
- Do not use booster batteries with a voltage greater than 12 v.
- Be careful when connecting the jumper cable to avoid short circuit with other components in the front compartment.

Operation steps

1. Open the protective cover of battery positive terminal.
2. Connect the red jumper cable to the positive terminal ③ of the rescue vehicle battery.
3. Connect the other end of the red jumper cable to the positive battery terminal ① of the rescued vehicle.
4. Connect the black jumper cable to the negative terminal ④ of the rescue vehicle battery.
5. Connect the other end of the black jumper cable to the negative battery terminal ② of the rescued vehicle.
6. After the range extender is started, first remove the negative terminal ② and the black jumper cable, and then remove the positive terminal ① and the red jumper cable.

Attention

- Check that the jumper cable and charging terminal are firmly connected to prevent sparks when trying to start.
- The power supply voltage must be the same as the voltage and capacity of the vehicle's 12V low-voltage battery, otherwise it may cause explosion.
- 12V low-voltage battery shall not be exposed to open fire or static electricity, otherwise the combustible gas generated by 12V low-voltage battery may be ignited by sparks, causing explosion accidents.
- Please connect the cable carefully to avoid short circuit with other components in the front compartment.
- Do not jumper start when the 12V low voltage battery is damaged, frozen or melted.
- Connect the cables in the correct order, first the positive cable and then the negative cable.
- When operating, do not touch the high-voltage parts to prevent injury from high-voltage electric shock.
- Always wear proper protective eyewear and gloves and never lean over a 12V low voltage battery.
- Please wash your hands after handling low voltage batteries, as low voltage batteries and related accessories contain lead, which is a toxic substance.

Road-side service

Contact Roadside Assistance

To contact Roadside Assistance, please call :

400-008-9999

You should provide instructions to the transport vehicle on how to transport the vehicle

Vehicle Maintenance

To ensure that this vehicle is in good condition at all times. This chapter lists the aspects on maintenance, upkeep and other important contents.

Vehicle routine maintenance

Vehicle storage

The vehicle should be stored in a cool, ventilated, clean and dry environment. If the vehicle is parked in a closed and humid environment for a long time, it will accelerate the rusting and aging of the vehicle parts, please follow the instruction manual and carry out regular maintenance on the vehicle in time.

Daily inspection

In some cases where the vehicle is not malfunctioning, external factors may limit the system's functionality, such as fog/snow limiting the radar sensors and affecting radar functionality.

Check the instrument display and touch screen for warning/indication messages.

- If yes, please understand the meaning of icons. See the operation manual and corresponding measures

Check for any reduced or restricted system function.

- Check the charge level of the main battery pack, which is displayed on the meter.
- Check that all exterior lights, horn, turn signals, wipers and windshield washers are working properly.
- Check brake operation, including the parking brake.
- Check seat belt operation.
- Check for fluid leaks under the vehicle (it is normal for the air conditioning system to drip after use).

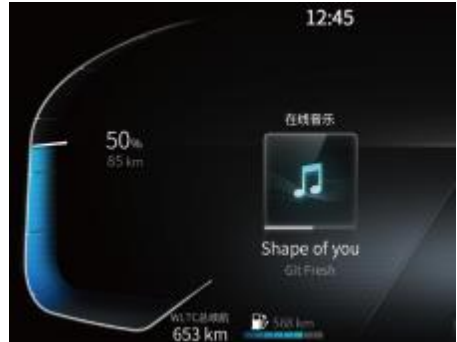


Figure: Dashboard Display

- Check the power information and mileage of the main battery pack.

Warning

Vehicle troubleshooting requires professional skills. If you lack professional knowledge, experience, appropriate tools or any of the following situations occur, it is recommended that you send the vehicle to SERES after sales service center.

- Short / open circuit.
- Loose electrical connectors.
- Switch / component failure.
- Other faults requiring professional skills / equipment.

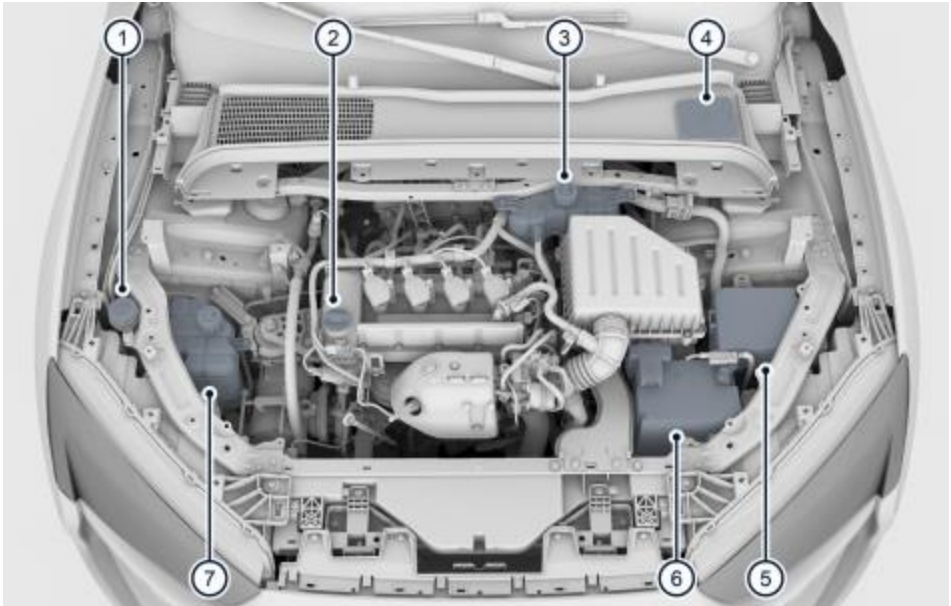


Figure: the front compartment trim panel has been removed (the picture is for illustration only, please refer to the real vehicle for details)

- The maintenance operation in the front cabin requires you to have relevant knowledge, experience and appropriate tools. If you do not have these conditions, please contact SERES after-sales service center for help.

Daily maintenance parts

- 1 Glass washing pot
- 2 Oil filler
- 3 Coolant reservoir assembly
- 4 Brake fluid reservoir inspection port
- 5 Front compartment fuse box
- 6 Low voltage battery
- 7 Auxiliary coolant storage bottle assembly

General diagnostic interface



Figure: OBD socket at the bottom left of the instrument

Vin code read / write

VIN codes can be read/written from the VCU and ECU by connecting the OBD header in a diagnostic device (e.g. TDS860 Langren Technology) to the OBD diagnostic port located at the bottom of the driver's dashboard.

 *illustration*
Diagnostic instrument equipment can be purchased through SERES after sales service center.

Tire

Tires have a great impact on the driving characteristics of vehicles. Tire type, size, tire pressure, rated speed and appropriate tire maintenance are important factors that determine the performance of vehicles.

Danger

- Defective tires will worsen the driving risk. If the tires are damaged, excessively worn or abnormal pressure, please do not drive the vehicle and contact the SERES after-sales service center for maintenance as soon as possible.
- Please pay close attention to the state of the tire when driving, and regularly check whether the tread and sidewall are deformed (bulging), and whether there are scratches, abnormal wear, cracks, iron nails, etc.

Warning

- Underinflation is the most common cause of tire failure and can lead to tire overheating, tire cracking, tread delamination or tire blowout, accidental loss of vehicle control, increased risk of accident or injury, underinflation can also shorten battery pack mileage and tire tread life.
- After the tire is cooled, use an accurate pressure gauge to check the tire pressure. The tire can be fully preheated after driving for only one kilometer. The tire pressure may also be affected when the vehicle is parked in direct sunlight or in hot weather. If it is necessary to check the hot tire, the pressure is expected to rise. Do not release the air in the hot tire to match the recommended cold tire pressure. If the hot tire is at or below the recommended cold tire inflation pressure, the hot tire inflation is seriously insufficient.
- Do not use other types of tire fluid. Other types of tire fluid may cause tire pressure sensor failure.

Illustration

The tire pressure indicator does not turn off immediately when the tire pressure is adjusted. After the tire inflation reaches the recommended pressure, you must drive at a speed of more than 25km/h for more than 10 minutes to activate the TPMS, which will turn off the tire pressure indicator.

Tire pressure



Figure: the inflation label is under the left B-pillar

Inflate the tire to the pressure specified on the tire and load information label.

The tire pressure indicator "" on the instrument gives an alarm to indicate whether one or more tires are under inflated or over inflated.

Check and adjust tire pressure

After the tires have cooled and the vehicle has been stationary for more than 3 hours, follow as:

1. Remove the valve cap.
2. Press the accurate tire pressure gauge firmly on the valve and measure the pressure.
3. If necessary, add gas until the recommended pressure is reached.
4. Remove and reinstall the tire pressure gauge and recheck the tire pressure.
5. If the tire pressure is too high, reduce the pressure by pressing the metal rod in the center of the valve.
6. Recheck the tire pressure with a tire pressure gauge and adjust it if necessary.
7. Replace the valve cap to prevent dust from entering, and regularly check the valve for damage and leakage.

Check and maintain tires

Regularly check the tread and sidewall for any deformation (bulging), cuts or signs of wear.

- Please check the tire pressure regularly (at least once a month).
- Please check the tires regularly for damage (cuts or cracks, etc.) and irregularly for abnormal wear.
- Please take care to avoid contacting the tires with grease, oil and fuel.
- Do not drive at high speed for the first 500km after replacing a new tire.
- Please be careful not to turn sharply or accelerate sharply.
- After disassembly, it is best to store the wheels or tires in a cool, dry and dark place. Do not put them close to solvents, gasoline, engine oil, etc.



Figure: tire tread wear mark

Tire wear

The original tire of the vehicle has a wear indicator, which is molded on the tread. When the tread has been worn to 1.6mm, the tire wear indicator on the tread surface begins to appear, producing a circle of continuous tread rubber across the tread width.



Danger

- If the tire tread becomes shallow, the tire grip will be quite poor and the handling performance of the vehicle will be adversely affected under bad driving conditions (such as wet or icy road).



Illustration

Once the narrow band of the indicator becomes obvious or the tread depth reaches the minimum required by law, replace the tire immediately.

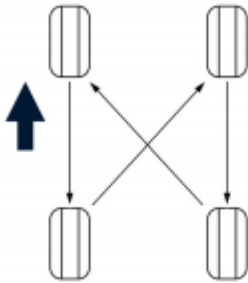


Figure: Tire transposition

Tire transposition, left-right balance and wheel alignment

Unbalanced wheels (sometimes become obvious with the shaking of the steering wheel) affect vehicle handling and tire life. Even if they are used normally, the wheels may lose balance. Therefore, the wheels should be balanced as required. If the tire wear is uneven (only one side of the tire) or abnormally excessive wear, check the wheel alignment. Tire punctures will eventually lead to tire pressure loss, so it is very important to check the tire pressure frequently. Permanently repair and replace the punctured or damaged tire as soon as possible. Do not drive after the puncture, even if the puncture does not deflate the tire. A punctured tire may suddenly deflate at any time.

When the tubeless tire is punctured, it may not leak immediately (as long as the sharp hard object is still punctured on the tire), but if you feel sudden shaking or bumping during driving, or suspect that the tire is damaged, reduce the speed immediately, drive slowly, avoid strong braking or sudden steering, stop after confirming safety, and arrange to transport the vehicle to SERES after-sales service center, Or a nearby maintenance center.

Danger

If the tire is damaged, please repair or replace it with a new tire as soon as possible.

Warning

In some cases, the tire repair kit provided with the vehicle can be used to temporarily repair small tire punctures (less than 6mm), allowing the vehicle to be driven slowly to SERES after sales service center or nearby repair shop.

Illustration

It is recommended to perform tire transposition every 10000 km.

Gas leakage defect

If the vehicle is parked in a high temperature environment for a long time, the tire may form air running defects. If the vehicle is driven under this condition, these irregular wear points will lead to jitter, but the jitter will gradually disappear as the tire becomes hot and returns to its original state.

In order to minimize air running defects when the vehicle is stored, inflate the tire to the maximum pressure shown on the tire wall, and then deflate to adjust the tire pressure to the recommended level before driving.

Driving in low ambient temperature

At low ambient temperature, the tire performance decreases, which reduces the grip and increases the sensitivity to impact damage. In cold weather, the high-performance tire may temporarily harden. The rotation noise can be heard in the first few kilometers until the tire becomes hot. Please contact SERES after sales service center for suggestions on winter tires. To increase the mileage of tires, please maintain the recommended tire pressure, observe the speed limit and recommended speed, and avoid :

- Drive away quickly or accelerate violently.
- Sharp turns and strong braking.
- Potholes and objects on the road.
- Hit a kerb when parking.
- The liquid contaminates the tire and may cause damage.

Replace tires and wheels

Due to the influence of ultraviolet radiation, extreme temperature, high load and environmental conditions, the tire will age over time. Please regularly check the tire wear and replace it if necessary, or take the initiative to ask the technician whether it is necessary to replace the tire during each maintenance. The wheel hub and tire installed on the vehicle shall be matched to adapt to the handling characteristics of the vehicle. Ideally, all tires should be replaced at the same time. If this does not work, replace the tires in pairs (two front wheels or two rear wheels). When replacing the tires, rebalance the tires left and right and check the wheel alignment.

If a wheel is replaced, the TPMS (tire pressure monitoring system) sensor needs to be reset to provide an accurate alarm in case of under inflation or over inflation.

Danger

For your safety, only tires and wheels that match the original specifications can be used. If the tires do not match the original specifications, the operation of tire pressure monitoring system (TPMS) may be affected.



Figure: tire side marker

Asymmetric tire

The vehicle tires are asymmetric. The correct sidewall faces outward. The tire sidewall is marked with the word outside. When installing a new tire, ensure that the tire is correctly installed on the wheel.

Warning

If the tires are not properly mounted on the wheels, the driving performance of the vehicle will be seriously damaged.

Winter tire

In snowy and icy conditions, consider installing winter tires. The four wheels must use winter tires with the same specification, brand, structure and tread. For suggestions on winter tires, please contact SERES after-sales service center.

Attention

On dry roads, the tyre grip of winter tyres may be less than that of original tyres.

Use anti-skid chains

When installing the anti-skid chain, confirm that its size is suitable for the tire of your vehicle and install it according to the recommendations of the anti-skid chain manufacturer. When the anti-skid chain manufacturer has a clear proposal, the chain tensioner can be used to maintain the installation tightness. The connecting piece at the loose end of the anti-skid chain must be fixed or removed to prevent damage to the fender or chassis during shaking. Anti-skid shall be installed on the drive wheels.

Do not install anti-skid chains on roads without snow or good roads. Under such road conditions, the installation of anti-skid chains will cause damage to various mechanisms of the vehicle due to some stress. Follow the instructions provided by the chain manufacturer.

When using anti-skid chains :

- Drive slowly, no more than 48km/h.
- Avoid heavy loads (heavy loads may reduce the clearance between tires and body).
- If conditions permit, chains can be removed.
- Observe local regulations when using it.

Warning



- If non recommended chains are used or used on tires of other specifications, parts such as suspension, body, wheel or brake pipeline may be damaged. The damage caused by the use of non recommended chains is not covered by the warranty.
- Ensure that the anti-skid chain will not touch the suspension components or brake pipelines. If you hear abnormal noise from the anti-skid chain, it indicates that the anti-skid chain touches the vehicle. Stop immediately for inspection.



Tire pressure monitoring

Check each tire every month after cooling and inflate the tire if necessary until the recommended pressure is reached. The recommended pressure is printed on the tire and load information label. If the tire used by the vehicle is of other specifications than those shown in the vehicle label or tire inflation pressure label, The correct tire inflation pressure must be determined.

As an additional safety function, the vehicle has been equipped with a tire pressure monitoring system (TPMS). If one or more tires are obviously under inflated or over inflated, the TPMS will send a tire pressure alarm (tire pressure alarm) through the instrument. Therefore, if the tire pressure indicator on the instrument flashes, it will send a tire pressure signal. Stop as soon as possible to check the tire and inflate the tire to the appropriate tire pressure. If you drive under the condition of obvious insufficient tire inflation, the tire will overheat and tire failure. Insufficient inflation will also reduce fuel efficiency and tire tread life, and affect the vehicle's handling and braking ability.

If a fault is detected through the tire pressure monitoring system (TPMS), the indicator "  " will flash for one minute when the power is turned on 

Warning

TPMS cannot replace correct tire maintenance, including manual inspection of tire pressure and regular inspection of tire conditions. Even if under inflation or over inflation does not reach the degree that the tire pressure monitoring system triggers the tire pressure alarm on the instrument, the driver is still responsible for maintaining the correct tire pressure.

Attention

TPMS system may be disturbed if parts not approved by SERES vehicles are installed.

Reset TPMS sensor

In order to ensure that the TPMS sensor can provide accurate tire pressure alarm after wheel replacement, it must be reset.

Attention

- The TPMS sensor also needs to be reset after wheel transposition.
- Do not attempt to clear the tire pressure alarm by resetting the TPMS sensor.

When resetting the tire pressure sensor :

- Inflate all tires to their recommended pressure
- Drive for ten minutes as preparation, and then click **Settings** > **driving** information on the touch screen.
- Follow the instructions on the screen.

Emergency tire repair



Figure: quick tire repair kit

Quick tire repair kit

The vehicle's on-board quick tire repair tool is located under the access cover plate on the right side of the rear luggage compartment. The tire repair kit includes an inflation pump and a tank of quick tire repair fluid (enough to repair a tire). When filling the tire, the quick tire repair fluid can penetrate into the small puncture holes (diameter less than 6mm) on the tire for temporary repair.

Warning

- Please read and follow the safety tips and instructions printed on the quick tire repair tool before repairing the tire.
- For punctures larger than 6mm, serious tread damage, sidewall damage, tire tear or tire falling off from the wheel hub, please call roadside assistance.
- Quick tire repair fluid is only used for single temporary tire repair. You must go to the repair shop to repair the tire or replace the damaged tire as soon as possible.
- The running speed of the temporarily repaired tire with quick tire repair fluid shall not exceed 80km / h.
- When the tire of the car is flat, it is strictly prohibited to continue driving, otherwise serious damage may be caused.

Quick tire repair fluid

The quick tire repair tool provided with the vehicle will not damage the TPMS (tire pressure monitoring system) sensor. Therefore, it can only be replaced with the same type of quick tire repair fluid.

The validity period of the product is printed on the outside of the quick tire repair fluid tank. If the validity period has expired, the tire repair performance of the quick tire repair fluid may be invalid. Please be sure to replace it.

Warning

- The tire repair fluid used in this product is a special formula. Please buy it from SERES after-sales service center after use. Do not use the quick tire repair fluid purchased from other channels, otherwise it may cause tire pressure sensor failure or other failures.
- Prevent children from touching the quick tire fluid.
- The main component of quick tire repair fluid is natural latex, which is not edible. Avoid inhalation or swallowing. If you accidentally ingest it, you should go to the hospital immediately and do not induce vomiting.
- Avoid human skin or eyes.
- Tire repair fluid, otherwise it may cause skin or eye discomfort. If the skin comes into contact with the tire fluid accidentally, wash it thoroughly with water and soap. If the tire fluid accidentally enters the eyes, rinse it immediately with water.

Fill the tire with tire fluid and air

Please follow the following steps to temporarily repair small tire punctures (diameter less than 6mm). For more information, please read and follow the instructions on the quick tire repair tool.

1. Drive the vehicle off the road to a safe place and passengers to wait there.
2. Turn on the hazard alarm flash and set warning signs at safe positions to avoid accidents.
3. If possible, place the tire puncture part at the bottom of the wheel as far as possible.



Figure: install tire repair rubber tank

4. Take out the tool kit, insert the tire repair fluid into the opening of the inflation pump and press it firmly.
5. Remove the valve cap of the leaking tire air valve and connect the transparent tire repair fluid pipe.



Figure: connect the power plug

6. Ensure that the charging pump start switch is off.

7. Plug the power plug into the 12V power socket on the vehicle to ensure that the vehicle is unlocked, the door is opened, and the instrument touch screen is on.



Figure: start the inflation pump

8. Press the switch button to start the inflation pump. After about 10 minutes or when the tire pressure reaches 2.5 bar, the tire repair fluid will completely flow into the tire.

⚠ Attention

If the pressure gauge still shows that the tire pressure is lower than 1.3bar/19psi 15 minutes after the inflation pump is started, please turn off the inflation pump, disconnect the open tire fluid pipe, remove the tire fluid, start the vehicle tire, after rolling for about 5 circles, the tire fluid in the tire will be evenly distributed into the tire, stop and turn on the electronic parking to inflate the tire. If the tire pressure is still lower than 1.3bar/19psi after 15 minutes, it indicates that the tire is seriously damaged and cannot be repaired urgently. Please take the tire repair tool back into the vehicle for storage and call road rescue.

9. Press the switch button, turn off the inflation pump, disconnect the open tire repair fluid pipe, remove the tire repair fluid tank, and screw on the valve cap of the tire air valve.



Figure: speed limit reminder

10. Remove the sticker with "80" attached to the rubber tank and stick it on the steering wheel to remind the driver that after using the product, the vehicle speed should be kept within 80km/h, and sudden acceleration or braking is not allowed. After driving the vehicle for about 10 minutes, stop the vehicle in a safe position and turn on the electronic parking.



Figure: check the tire pressure value

11. Open the tool kit, remove the tire air valve cap, connect the black inflation pipe, and check the pressure gauge showing the air pressure to make the tire reach the normal tire pressure.
- When the pressure is less than 1.3bar/19psi, the tire is seriously damaged and cannot be repaired. Please take the tire repair tool back into the vehicle for storage and call road rescue.
12. Replace the quick tire repair fluid (if the quick tire repair fluid is consumed, the quick tire repair fluid tank can be purchased from SERES after sales service center).

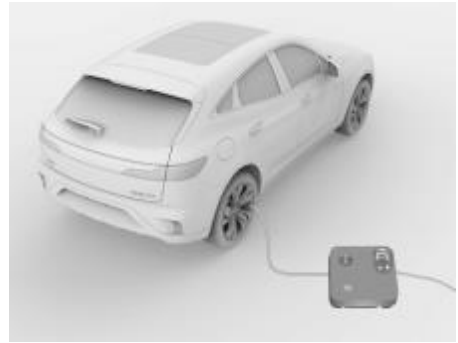


Figure: tire inflation

Tire inflation

The inflation pump equipped with the vehicle can inflate the tire to make the tire reach normal tire pressure. Please inflate the tire according to the following steps :

1. Take out the inflation pipe, connect it with the tire.
2. Insert the 12V power connector into the 12V power socket in the vehicle to ensure that the vehicle is unlocked, the door is opened, and the instrument touch screen is on.
3. Turn on the power switch button, inflate the tire, observe the barometer, turn off the switch when the tire pressure reaches the recommended value (2.7-3.0bar or 39 - 44psi), and pull out the charging pipe and 12V power connector.
4. To deflate, turn off the inflation pump, press the pressure relief valve button and observe the barometer until the tire pressure is reduced to the required value.

⚠ Attention

When using this product, because the air is compressed, the inflation tube is heated, which is a normal phenomenon.



Front engine trim cover



Figure: Front compartment trim cover

Disassembly and assembly of front compartment trim cover plate

Disassemble

1. Lift up, disconnect all snap fixing points, and remove the front compartment trim cover plate.

Installation

1. Align the snap fixing points and press the front compartment trim panel to ensure that all snap fixing points are installed in place.



Figure: front compartment inspection viewport

Inspection viewport of front compartment trim cover plate

- 1 Washing liquid inspection cover plate
- 2 Oil filler cover plate
- 3 Brake fluid inspection cover plate
- 4 Oil dipstick inspection cover plate

Coolant

Coolant

An appropriate amount of coolant is essential to prevent the cooling system from freezing in winter.



The coolant provides anti-corrosion, anti scaling, anti boiling, and anti freezing protection as low as - 40 °C.

Regular checking of the coolant level is part of the maintenance work.

Attention

- In order to maximize the performance and service life of the battery and motor, the cooling system selects a specific type of coolant with the model of df-7-40 °C. For more details on coolant, please contact the SERES after sales service center.
- It is recommended to check the cooling system before winter to ensure that there is enough antifreeze to cope with winter weather conditions. This is particularly important if you plan to drive to cold areas.

Respond to warning symbols

When the range extender coolant temperature is too high, the symbol "" will be displayed on the instrument and will always be on. When the battery / motor pack coolant level is too low, the symbol "" flashes on the instrument.

The following measures shall be taken:

- Close the range extender and wait it to cool.
- Park the vehicle.
- The warning message is still displayed when the range extender coolant level is correct. Do not continue driving.
- Troubleshoot

When the amount of liquid in the battery pack cooling system is lower than the recommended level, the instrument will display a warning message. Stop as soon as safety permits and contact SERES after sales service center. If the vehicle continues to move after the warning symbol is displayed, there is a risk of damage to the range extender.

Precautions when checking the coolant

Warning

- There are fans and some moving parts in the engine room area. When we operate in the engine room, our hands, fingers, clothes, necklaces or long hair may be drawn into the engine room fan or transmission belt and other moving parts. The engine room fan is installed under the front engine room cover. After the range extender is closed, the engine room temperature will continue to be monitored for about 1 minute. During this period, depending on the temperature, the engine room fan may continue to operate or suddenly start to operate.
- Only operate in this area after the range extender is closed, and take extra care to ensure that certain parts of the body, clothing or jewelry do not get caught in the radiator fan, drive belt or other moving parts.
- After the range extender is closed, if the coolant is still at high temperature, do not open the expansion tank cover.



Figure: auxiliary water storage bottle assembly (front compartment trim cover removed)

Liquid level inspection (auxiliary water storage bottle assembly)

Check the coolant level irregularly and when the range extender is cold to ensure that the level is between the MIN and MAX marks.

Illustration

- *Check the fluid level visually by looking at the external marking on one side of the reservoir. Do not remove the tank cover and do not add liquid. Otherwise, possible damage will not be covered by the warranty.*
- *The coolant can only be changed by SERES after sales service center.*



Figure: water storage bottle assembly (front compartment trim cover removed)

Liquid level check (water storage bottle assembly)

Check the coolant level irregularly and when the range extender is cold to ensure that the level is between the MIN and MAX marks.

Illustration

- *Check the fluid level visually by looking at the external marking on one side of the reservoir. Do not remove the tank cover and do not add liquid, otherwise the possible damage will not be covered by the warranty.*
- *The coolant can only be changed by the SERES after sales service center.*

Brake fluid

Danger

If you find an increase in brake pedal travel or significant loss of brake fluid, please contact the SERES after sales service center immediately. Under these conditions, driving may lead to extended braking distance or complete failure of braking.

If the amount of fluid in the brake fluid storage tank is lower than the recommended level, the brake light on the instrument will give an alarm. If an alarm is given during driving, brake immediately under the condition of ensuring safety, pull over and do not continue driving. Please contact the SERES after-sales service center immediately for assistance.



Fill brake fluid

Do not top up the brake fluid. SERES after sales service center will provide this service during regular maintenance of the vehicle. The following operating instructions provide information for reference only:

1. Before removal, clean the tank cover to prevent dust from entering the reservoir.
2. Unscrew and remove the cap.
3. Fill the reservoir with brake fluid conforming to HZY4 technical specifications until the brake fluid level reaches the MAX mark.
4. Cover the tank.

Glass washing solution

The vehicle has only one reservoir to fill. The windshield washer fluid reservoir is on the right side of the front engine compartment. When the liquid level is low, fill it until the liquid level just reaches below the filler. Do not use the prepared windshield cleaning fluid, which contains waterproof agent or insect repellent glass water. These fluids may cause stripes and stains on the windshield, squeak or other noise when the windshield is brushed. Operate the scrubber regularly to check whether the nozzle is blocked and whether it can spray correctly.

Warning

- Do not splash the windshield washer fluid on the body panel, otherwise it may cause damage. Wipe the spill immediately and clean the spilled part with clean water.
- When the temperature is lower than 4 °C, use windshield washer fluid containing antifreeze. In cold weather, using windshield washer fluid without antifreeze will reduce the visibility of the windshield.

Attention

Some national or local regulations restrict the use of volatile organic compounds (VOCs) which are usually used as antifreeze in windshield cleaning fluid. Windshield cleaning fluid containing restricted VOCs can only be used if it needs to have sufficient frost resistance in various climatic conditions of driving vehicle.

Precautions

According to different seasons, mix water with corresponding additives (window cleaner concentrate, antifreeze), always use the correct mixing ratio and read all instructions on the container of additives used.

- Summer: fill with water and window cleaner concentrate.
- Winter: fill with water, antifreeze and window cleaner concentrate.

Fill the windshield washer fluid



Figure: water filling cover plate of washing pot

1. Open the water filling cover of the washing pot on the right side of the engine room.
2. Before opening the tank cover, clean the tank cover to prevent dust from entering the reservoir.



Figure: water inlet of washing kettle

3. Open the tank cover.
4. Fill to the proper position as required.
5. Cover the tank..

Refueling

When the combination instrument refueling indicator lights up, you may not be able to supply enough fuel to the range extender, the function of the range extender cannot be guaranteed, and there is a risk of equipment damage. Please fill the fuel in time.



Figure: home page interface

Open the filler

- 1 **Pre refueling:** because the vehicle is an extended range vehicle, the fuel tank is a high-pressure fuel tank, and there is a large pressure in the fuel tank. After clicking the open fuel port button, the system needs 5-15 seconds to relieve the pressure, and the fuel port cover will not be opened until the pressure relief is completed.
- 2 **Filler:** after clicking the filler cap open button, the fuel filling shall be completed within 20 minutes, otherwise the fuel tank isolation valve on the fuel tank will automatically close, resulting in poor refueling or fuel overflow. Therefore the fuel filling is not completed within 20 minutes. Please click the filler cap open button on the central control screen again.

Precautions before refueling

Fuel is highly flammable. If you do not handle the fuel properly, there is a risk of fire and explosion.

Before refueling, pay attention to the following safety instructions.

DANGER

- you must stay away from fire sources, open flames, sparks and smoking.
- turn off the range extender and do not start the vehicle during refueling.
- avoid inhaling fuel vapor or splashing fuel on your skin or eyes. Keep children away from fuel.

WARNING

- the accumulation of static electricity will produce sparks and ignite fuel vapor, so there is a risk of fire and explosion.
- before contacting the fuel gun, be sure to contact other metal parts of the vehicle away from the fuel nozzle, fuel gun or other fuel sources, so as to release any accumulated static electricity.
- do not use the mobile phone when refueling. The mobile phone signal will cause static electricity accumulation and ignite fuel vapor, resulting in fire and personal injury.

ⓘ ATTENTION

The following precautions shall be observed during refueling:

- insert the refueling gun firmly into the refueling nozzle.
- do not start the vehicle until refueling is completed and the fuel filler cover plate is closed.
- stop oil filling after the automatic click of the refueling gun.
- prevent fuel splashing, otherwise the paint on the vehicle surface may be damaged.

ⓘ ATTENTION

The emergency pull lock cannot activate the refueling function when opening the refueling cover, and the fuel tank pressure cannot be released normally. It is necessary to slowly open the fuel tank cover to prevent fuel splashing. At the same time, it is necessary to slowly fill fuel to prevent refueling gun jumping.



Illustration: the fuel filler is on the right side of the vehicle

Refuel

1. Open the filler cap.

Instruction

The label on the inside of the filler cap shows the correct information for the vehicle Fuel type.

2. Slowly open and remove the tank cap.
3. Place the fuel tank cap in the holder.
4. Fully insert the refueling gun into the refueling port, and place the handle of the refueling gun downward.
5. Operate the refueling gun to refuel the vehicle. Do not add more fuel after the automatic refueling gun stops refueling. Fuel may spray back or overflow when heated.
6. After filling, please replace the fuel tank cap immediately until you hear at least three clicks.
7. Close the filler cap and press on the rear until the cap engages securely.

If you or others accidentally come into contact with fuel, observe the following regulations:

- Clean the fuel on the skin immediately.
- If fuel splashes into eyes, wash eyes thoroughly with clean water and seek medical assistance immediately.

 **DANGER**

- be careful not to clamp or crush the fixing belt when closing the fuel tank cover, otherwise the fuel tank cover cannot be closed correctly, and fuel vapor or fuel may overflow. Danger of injury or equipment damage.
- there is a risk of fire when refueling. Fuel is highly flammable and may deflagration or explosion. When filling fuel, ignition, open fire and smoking are strictly prohibited.

Fuel

Please use 92# and above unleaded fuel without metal additives to make the range extender reach the designed minimum fuel consumption. In order to achieve the best fuel consumption, gasoline without sulfur or with as little sulfur as possible should be used.

 **ATTENTION**

- even a small amount of wrong fuel or fuel additives may damage the fuel system and range extender. In addition, the three-way catalyst will also be permanently damaged. Risk of equipment damage.
- please use unleaded high-quality gasoline that meets the requirements of 92# and above in GB 17930 motor gasoline.

This vehicle is in compliance with gb18352.6-2016 emission limits and measurement methods of pollutants from light vehicles (China phase VI). It reaches the emission level of China VI when it leaves the factory normally. Please use fuel with octane number 92 or above and meeting China VI emission standard. If other types of fuel are used, the emission will deteriorate, the fuel system will be damaged, and the range extender fault indicator may be on.

Do not start the vehicle after incorrect filling. Contact SERES after sales service center for maintenance.

Wiper



Illustration: Settings > safety and maintenance > wiper overhaul

Service position with wiper blade activated

⚠ ATTENTION

Before selecting the service position, make sure that the wiper blades are not frozen on the windshield.

Before replacing or checking the wiper blade, set the wiper blade to the service position and switch the vehicle to park.

1 Wiper maintenance: click the button to start the function.

Service position with wiper blade deactivated

- When the vehicle is shifted out of the parking gear, the wiper will automatically return to the normal position.
- The front wiper/washer or automatic wiper function is activated.

⚠ ATTENTION

If the wiper arm is folded from the service position and leaves the windshield, it must be folded back on the windshield to return the wiper to the original position, otherwise the engine compartment cover paint and wiper blades may be damaged.

Wiper inspection instructions

Regularly check and clean the wiper blade edge, and check the rubber crack and roughness. If it is damaged, replace the wiper blade immediately to prevent damage to the glass.

Contaminants on the windshield or wiper blades may reduce the effectiveness of the wiper blades, including ice, car wash wax spray, cleaning fluid containing bacteria and / or waterproof agent, bird droppings, tree sap and other organic substances.

Please follow the following instructions for cleaning:

Clean the windshield with a non abrasive glass cleaner.

Use isopropyl alcohol (friction) or wiper cleaning fluid to wipe the wiper blade clean.

If the wiper is still invalid after cleaning, the wiper blade needs to be replaced. In order to obtain the best performance, the replacement frequency of the wiper blade should be once a year.



Illustration: replacing wiper blade

Wiper blade replacement procedure

1. Turn off the wipers, switch the shift switch to park, and then use the touch screen to move them to the service position.

ATTENTION

Before opening the maintenance mode, the wiper must be in the off position.

2. Lift the wiper arm from the windshield.
3. Press the locking tab and slide the wiper blade out from under the wiper arm.
4. Install a new wiper blade, adjust the new wiper blade on the wiper arm and slide it towards the hook end of the wiper arm until it locks.
5. Ensure that the wiper blade on the wiper arm is close to the windshield.
6. If the problem still exists after using a new wiper blade, clean the windshield and wiper blade with a soft cloth or sponge dipped in warm water mixed with non-detergent soap, and then wash the windshield and wiper blade with clean water. If no water droplets are formed, it indicates that the windshield has been cleaned.

WARNING

- only certified cleaning products suitable for automotive glass and rubber can be used. Improper use may cause damage or dirt and glare on the windshield.
- only install the spare wiper blade which is the same as the original wiper blade. If improper wiper blades are used, the wiper system may be damaged and the operation of rain sensor may be affected.
- when replacing the wiper blade, please place a rag or old clothes at the contact position between the wiper blade and the front windshield to prevent the front windshield from being damaged due to the automatic rebound of the wiper arm when the wiper blade is removed.



Illustration: cleaning the wiper spray head

Clean the wiper spray head

The position of the windshield washer is set at the factory and does not need to be adjusted.

If the windshield washer is blocked, remove the obstruction from the nozzle with a thin wire.

WARNING

Do not operate the windshield washer when cleaning the vehicle. Windshield washer fluid may irritate eyes and skin. Please read and follow the instructions of the wiper washer fluid manufacturer.

Low voltage battery



Illustration: vehicle low voltage battery

Low voltage battery

- 1 Battery positive
- 2 Battery negative

The battery is replaced by SERES after-sales service center. The service life and function of the battery are affected by many factors, such as starting times, discharge, driving style, driving conditions, climatic conditions, etc.

- check whether the cables of the battery are correctly connected and properly fastened.
- if the battery is fully discharged for many times, its service life may be shortened. Keeping the battery fully charged helps to prolong its service life.
- the service capacity of the battery decreases with the passage of time. If the vehicle is not used for a long time, it may be necessary to charge the battery.



Illustration: battery charging

Battery charging

- 1 Battery positive
- 2 Battery negative

⚠ ATTENTION

Only modern battery chargers with controlled charging current can be used to charge the starting battery and auxiliary battery. Do not use the fast charging function, otherwise the battery may be damaged.

Safety warning for vehicle battery handling

FIGURE	Illustration
	When working near the battery or handling the battery, please wear appropriate eye protection to prevent splashing acid from entering your eyes
	Before handling the battery, please refer to the relevant information in the operation manual
	To prevent injury, keep children away from the battery
	The battery contains highly corrosive toxic acid
	Since the battery may release explosive gas, open fire or other ignition sources are prohibited near the battery
	Note that the battery may release explosive gases
	The battery needs to be recovered properly.
	The used battery can not be discarded at will, which is harmful to the environment, so it must be recycled in an environmental and safe way

WARNING
<ul style="list-style-type: none"> • please be careful not to make eyes, skin, fabric or painted surface contact with battery fluid. The battery contains sulfuric acid. In case of accidental contact, wash with water immediately and seek medical attention immediately. • the battery will produce explosive and flammable gas, so open fire or electric spark is prohibited near it, otherwise it may cause explosion. • when handling or working near the battery, be sure to wear appropriate eye protection and remove all jewelry. Failure to comply with this requirement may result in personal injury. • battery electrode posts, terminals and related accessories contain lead and lead compounds. Wash your hands after handling the battery. • do not smoke near the battery, otherwise it may cause fire.

WARNING
<ul style="list-style-type: none"> • do not disconnect the vehicle battery when the range extender is running or the ignition switch is on, otherwise the electrical system or electrical components may be damaged. • after the range extender is closed, do not run the vehicle when the battery is low. Otherwise, the battery load may be too high, which may shorten the service life of the battery.

Fuse box

The fuse is used to protect the electrical components and circuits in the vehicle to avoid short circuit or overload. If the fuse is blown, the protected components and systems will not work normally.



ATTENTION

Protect the fuse box from contamination and moisture, or it may damage electrical components or systems.

Illustration: left position of front compartment

Front compartment fuse box position



Illustration: under the driver's side of the instrument panel

Location of instrument fuse box

Replace the fuse

1. Locate the fuse box or instrument fuse box in the range extender compartment.
2. Press the plastic sheet on either side and remove the fuse box cover.
3. Pull out the fuse and check whether the bent wire is blown.
4. If it is blown, replace it with a new fuse of the same amperage.

Instruction

Do not remove or replace any relay; If any insurance wire and relay failure, Please contact SERES center.

WARNING

- always manually cut off the power supply of the vehicle before replacing the fuse.
- the battery will produce explosive and flammable gas, so open fire or electric spark is prohibited near it, otherwise it may cause explosion.
- when replacing, only substitute fuses approved by SERES vehicle with the same grade and specification can be used. If the fuse is not selected properly, it will damage the electrical system and cause fire.
- if the replacement fuse blows after installation, please contact SERES after sales service center to check the electrical system.

Instruction

All fuses should be operated by SERES.

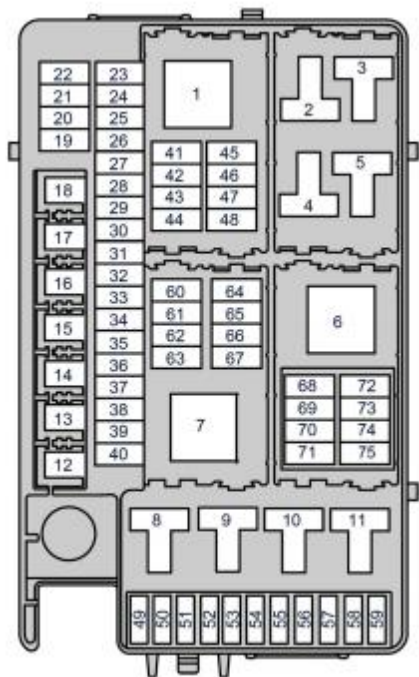


Figure: fuse information of instrument electrical box
Instrument electrical box

Fuse	Rated current	Protection circuit
1	—	Rear defrost relay
2	—	V2V relay
3	—	not used
4	—	Power saving output relay
5	—	not used
6	—	Ig2 relay
7	—	Ig1 relay
8	—	Unlocking / locking signal of charging port cover
9	—	Fuel filler cap release / locking signal
10	—	not used

Fuse	Rated current	Protection circuit
11	—	not used
12	50A	Ig1 insurance
13	40A	Ig2 insurance
14	40A	Electric back door
15	30A	multi-function
16	30A	Passenger seat-2
17	30A	Passenger seat-1
18	30A	Driver's seat
19	10A	Rear motor
20	10A	battery charger
21	10A	Airconditioning&gateway
22	10A	Vehicle controller-1
23	10A	Body controller-1
24	10A	Body controller-2
25	15A	Rear wiper
26	20A	Door lock power supply
27	20A	Central control host
28	10A	Front washing power supply
29	15A	Left door handle
30	15A	Battery management system
31	30A	Power window (left)
32	30A	Power window (right)
33	30A	Panoramic sunroof
34	10A	Indoor lamp
35	10A	Vehicle controller-2
36	10A	Kick & power back door & window anti pinch controller
37	10A	Combination instrument & diagnostic port
38	30A	Rear defrosting
39	15A	Right door handle
40	10A	Shifter

Fuse	Rated current	Protection circuit
41	10A	Charging & filler cap
42	—	not used
43	10A	Head up display
44	10A	Rear seat heating
45	—	not used
46	10A	Seat massage
47	10A	Remote monitoring module
48	5A	Dash cam & sun rain sensor
49	10A	Rearview mirror defrosting
50	20A	Cab Ig power supply
51	10A	Low speed pedestrian warning system
52	5A	Mobile phone wireless charging
53	5A	Body controller
54	10A	Gateway
55	10A	Central control large screen power supply
56	15A	Rear on-board power supply
57	10A	Brake pedal
58	5A	Combination instrument
59	5A	Shift mechanism
60	15A	Adas assisted driving
61	10A	T-box & gateway & internal rear view Mirror & anti pinch Controller & row Vehicle recorder
62	15A	Cigarette lighter
63	15A	Front row on-board power supply
64	15A	220V power supply
65	5A	Look around image system
66	15A	Seat ventilation
67	10A	Head up display & exterior rearview mirror
68	10A	Electric tuyere
69	15A	Power amplifier

70	5A	Vehicle controller & body controller
71	10A	Radar controller
72	5A	Safety air bag
73	10A	Window switch
74	15A	Atmosphere lamp controller
75	—	not used

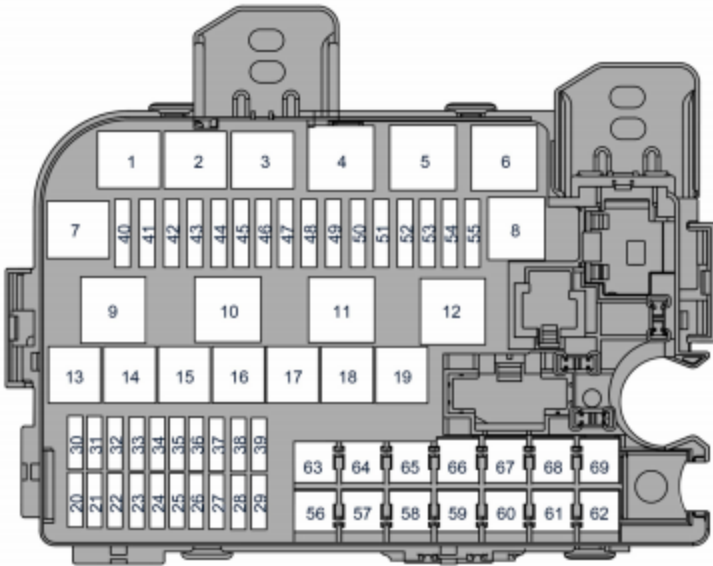


Figure: fuse information of front compartment electrical box

Front compartment fuse box

Fuse	Rated current	Protection circuit
1	—	Battery water inlet pump relay
2	—	Motor cooling water pump relay
3	—	Wiper low speed relay
4	—	not used
5	—	not used
6	—	not used
7	—	Wiper high speed relay
8	—	GCU water inlet relay
9	—	not used
10	—	Blower relay
11	—	Main relay
12	—	not used

Fuse	Rated current	Protection circuit
13	—	Oil pump relay
14	—	Electric horn relay
15	—	Rear wash relay
16	—	High beam relay
17	—	Low beam relay
18	—	VCU main relay
19	—	not used
20	10A	Extender snap in
21	10A	Front motor
22	10A	Generator controller
23	15A	Motor cooling water pump
24	15A	Battery water inlet pump
25	15A	Electronic fuel pump
26	—	DC converter

Fuse	Rated current	Protection circuit
27	15A	Horn
28	15A	Battery outlet water pump
29	20A	VCU-1
30	15A	Dipped headlight
31	20A	Front wiper
32	30A	Main relay
33	15A	High beam
34	10A	Post washing
35	—	Nozzle heating
36	5A	Battery power sensor
37	5A	Front luggage compartment lamp
38	—	not used
39	—	not used
40	10A	EPS
41	10A	Extender management control unit
42	10A	Generator controller
43	5A	ESC
44	5A	IBOOSTER
45	5A	Blower
46	10A	Front motor
47	15A	Fuel injection nozzle
48	20A	Ignition coil
49	15A	Range extender
50	10A	Tank isolation valve
51	10A	VCU
52	15A	Power battery
53	15A	HVAC
54	—	not used
55	—	not used
56	—	not used
57	—	not used
58	60A	Intelligent booster
59		not used

60	40A	ESC controller
61	—	not used
62	—	not used
63	—	not used
64	—	not used
65	40A	Blower
66	—	not used
67	40A	Body electronic stability system
68	—	not used
69	—	not used

Maintenance information

The service items listed in the maintenance specification are described in detail as follows:

When performing the following maintenance services, the required overhaul and maintenance shall be completed in the special maintenance center designated by SERES .Using fake and shoddy parts or inviting non-professional personnel to carry out maintenance operations may cause vehicle damage or casualties.

Precautions before using the vehicle:

- check the brake fluid level;
- check the tire pressure.

 Instruction

Test the steering and braking performance when the vehicle speed does not exceed 30km / h. If any problem is found, the vehicle must be restored to normal before using the vehicle.

Routine maintenance specification table: when the vehicle is used in the environment with flat road and less dust, it shall be maintained in advance according to the requirements of the routine maintenance specification table or as the case may be.

First maintenance interval table

Time and mileage (whichever comes first)		
Interval item	Time (months)	3
	Mileage (x1000km)	5
Range extender		
Range extender oil (SN grade and above)		R
Oil filter		R
air cleaner element		I
exhaust system		I
Fuel lines and connections		I
Tighten the extender suspension bolts		I
Extender harness, various sensors		I
Positive crankcase ventilation system		I
Fuel tank, fuel evaporation pipe, fuel hose, carbon canister		I
Chassis and body		
Braking function and travel		I
Status and function of safety belt		I
Brake pipeline (including vacuum booster)		I

Time and mileage (whichever comes first)

Interval	Time (months)	3
	Mileage (x1000km)	5
item Tighten the chassis and underbody bolts	Nut	I
Front and rear shock absorbers		I
Tire condition and tire pressure ②		I
Wheel alignment		I
Electric power steering		I
Front wheel brake disc and related working components		I
Rear wheel brake disc and related working components		I
Wheel nut		I
Air conditioning and electronics		
air conditioning system		I
System (including wiper, reservoir)		I
Battery		I
Battery system		
Power battery assembly		I
Battery capacity		I
Power line and power battery mounting bracket of power battery		I
Battery surface cleaning		I
Thermal hazard protection cover (outside of power battery)		I
Charging system		
Slow charging socket assembly		I
Slow charge plug assembly		I
Quick charging socket assembly		I
Vehicle charger assembly and connector		I
High voltage harness system		
Air conditioning PTC high voltage harness assembly		I
Motor three-phase wire assembly		I
Charger high voltage harness assembly		I
Power battery high voltage harness assembly		I
Drive motor and control system		

Time and mileage (whichever comes first)		
Interval item.	Time (months)	3
	Mileage (x1000km)	5
Motor surface cleaning and connector		I
Power assembly mounting bracket and mounting bolt		I
Connecting bolts between power assembly mounting bracket and motor		I
Motor controller surface cleaning and connector		I
Butt bolt of motor and reducer		I
Reducer surface cleaning and connector		I
Water inlet and outlet pipes of motor and controller		I
Reducer lubricating oil (atf-vi) ①		I
Reducer lubricating oil (Castrol 805c)		I
Coolant		I

Description of symbols in the table:

I—check these items and their related parts, and correct, clean, supplement, adjust or replace them if necessary ;

R—replace.

- ① Follow the "recommended oil / grease specification and capacity table" in this chapter.
- ② If necessary, transpose or balance the wheels.

⚠ ATTENTION

- During the use of the vehicle, if the vehicle environment or operating conditions are relatively bad (long-term load-bearing, unsatisfactory air quality, high temperature, mountainous roads and other environments), the maintenance frequency can be increased in time according to the requirements of the maintenance cycle table.

Routine maintenance schedule

		Time and mileage (whichever comes first)															
Interval item.	time (months)	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	
	Mileage (x1000km)	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	
Range extender																	
Range extender oil (SN grade and above)		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
Oil filter		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
Fuel filter		/	/	/	/	I	/	/	/	/	I	/	/	/	/	I	
air cleaner element		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
spark plug		Replace it every 4 years or every 80000 km, whichever comes first															
Extender coolant ①		Replace it every 4 years or every 100000 km, whichever comes first															
Intake and exhaust system		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Fuel lines and connections		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Tighten the extender suspension bolts		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Extender harness, various sensors		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Positive crankcase ventilation system		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Fuel tank, fuel evaporation pipe, fuel hose, carbon canister		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Chassis and body																	
Braking function and travel		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Steering wheel and steering transmission mechanism		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Status and function of safety belt		/	I	/	I	/	I	/	I	/	I	/	I	/	I	/	
Door locks, hinges, stops (lubricate if necessary)		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Check the free travel of the brake pedal		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Brake fluid ①		Replace every 3 years or every 60000 km, whichever comes first															
Brake pipeline (including vacuum booster)		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Tighten the chassis and underbody bolts and nuts		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Front and rear shock absorbers		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	
Wheel alignment		In case of abnormal user feedback or abnormal tire wear, check it															

Time and mileage (whichever comes first)														
interval	time (months)													
	12	24	36	48	60	72	84	96	108	120				
item	mileage (x1000km)													
	100	110	120	130	140	150	10	20	30	40	50	60	70	80

Drive motor and control system

Motor surface cleaning and connector	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Power assembly mounting bracket and mounting bolt	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Connecting bolts between power assembly mounting bracket and motor	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Motor controller surface cleaning and connector	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Butt bolt of motor and reducer	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Reducer surface cleaning and connector	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Water inlet and outlet pipes of motor and controller	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Reducer lubricating oil (atf-vi) ①	Check during each maintenance and replace it every 5 years or every 100000 km, whichever comes first (front drive motor assembly)														
Reducer lubricating oil (Castrol 805C)	Check during each maintenance and replace it every 5 years or every 100000 km, whichever comes first (rear drive motor assembly)														
Coolant	Replace it every 4 years or every 100000 km, whichever comes first														

Description of symbols in the table :

I—check these items and their related parts, and correct, clean, supplement, adjust or replace them if necessary; R - replace or change.

- ① Follow the "recommended oil / grease specification and capacity table" in this chapter.
- ② If necessary, transpose or balance the wheels.

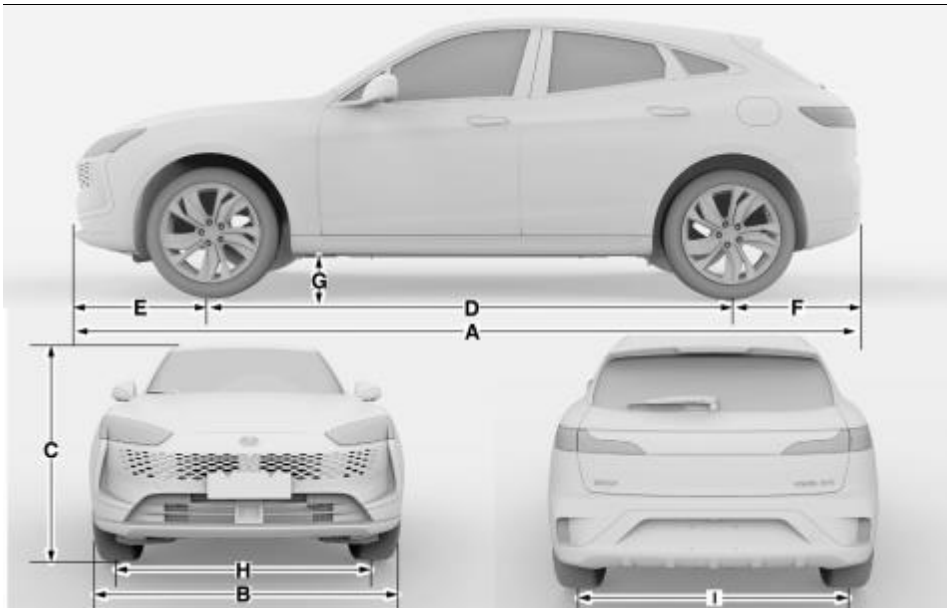
ⓘ ATTENTION

- During the use of the vehicle, if the vehicle environment or operating conditions are relatively bad (long-term load-bearing, unsatisfactory air quality, high temperature, mountainous roads and other environments), the maintenance frequency can be increased in time according to the requirements of the maintenance cycle table.

Vehicle Parameters

This section contains technical parameters and information to help you quickly understand the technical information of the vehicle.

Overall dimensions of the whole vehicle



Tag	Dimension description	mm
A	Total length	4700 mm
B	Overall width (a)	1930 mm
	Overall width (including exterior rearview mirror)	2180 mm
C	Total height	1625 mm
D	Wheelbase	2875 mm
E	Front suspension	935 mm
F	Rear overhang	890 mm
G	Ground clearance (under curb weight)	181 mm
H	Front track	1655 mm
I	Rear track	1650 mm

(a) : exterior rear-view mirrors (one on the left and one on the right) are not included in the overall width dimension.

Curb weight

Project	Extended range 2WD version (35kW·h Main battery pack)	Extended range 4WD version (35kW·h Main battery pack)
Maximum allowable total mass (kg)	2605	2725
Axle load distribution at maximum permissible gross mass (front / rear axle) (kg)	1270 / 1335	1385 / 1340
Curb weight (kg)	2230	2350
Axle load distribution at curb weight (front axle / rear axle) (kg)	1165 / 1065	1280 / 1070

Economic performance

Project	Extended range 2WD version (35kW·h Main battery pack)	Extended range 4WD version (35kW·h Main battery pack)
Driving range under NEDC condition	950 km	1132 km
Power consumption per 100 km under NEDC condition	18.8 kW h	16.65 kW h
Comprehensive energy consumption	1L / 100 km	1.2 L / 100 km

Noise

Project	Extended range 2WD version (35kW·h Main battery pack)	Extended range 4WD version (35kW·h Main battery pack)
Noise pass through	≤ 72dB (A)	≤ 74dB (A)
Noise inside the vehicle at a constant speed of 60km / h	≤ 54dB (A)	≤ 54dB (A)
Noise inside the vehicle at a constant speed of 80km / h	≤ 58dB (A)	≤ 58dB (A)

Free path of brake pedal

project	parameter
Free travel of brake pedal	5mm-15mm
Brake pedal travel (normal condition)	Idle stroke: 4.65mm-6.2mm Action stroke: 0-80mm Limit stroke: 111.6mm
Brake pedal travel (failure condition)	Idle stroke: 60.45mm-62mm Action stroke: 0-95.8mm Limit stroke: 111.6mm

Brake performance

project	type
Parking brake	Electric parking brake
Brake caliper	Floating caliper
Type	Four wheel anti lock braking system, brake assist, traction control, vehicle Body stability control system, electronic handbrake, ramp assist, steep slope Lowering and automatic parking
Braking distance (initial speed 100 km / h, no-load)	min \leq 36m

Engine performance

Project	Extended range 2WD version (35kW·h Main battery pack)	Extended range 4WD version (35kW·h Main battery pack)
Maximum speed (km / h)	180	210
Maximum climbing gradient	> 30%	> 30%
Acceleration 100 km / h from standing start (s)	< 6.8	< 4.8
Driving form	Rear-rear	Front and rear dual motor 4WD

Passage Ability

project	parameter
Minimum ground clearance	Full load condition: 160 mm Servicing status: 181 mm
Minimum turning diameter	12 m
Approach angle (servicing)	21 °
Departure angle (servicing)	25 °
Longitudinal passing angle (servicing)	14.6 °

Suspension

project	type
Front suspension	Double rocker arm four ball joint independent suspension, coil spring, telescopic shock absorber, stabilizer bar
Rear suspension	Trapezoidal arm, multi link independent suspension, coil spring, telescopic shock absorber, stabilizer bar

Brake system specifications

project	parameter
Brake disc diameter (air cooled)	Front: 362 mm Rear: 363.5 mm
Front brake disc thickness	Brand new condition: 30 mm Service limit: 28 mm
Rear brake disc thickness	Brand new condition: 20 mm Service limit: 18 mm
Front brake pad thickness (excluding back plate)	Brand new status: 10.5 mm Service limit: 2 mm
Rear brake pad thickness (excluding back plate)	Brand new status: 11 mm Service limit: 2 mm

Four wheel positioning

Position	Front	Rear
Camber angle	-0°30'±0°20'	-1°25'±0°20'
Kingpin caster	+3°48'±0°30'	—
Kingpin inclination	+3°26'±0°30'	—
Toe in angle of single wheel	+0°05'±0°05'	+0°10'±0°05'

Fluid filling capacity

Fluid name	Specifications	consumption
Reducer lubricating oil (4WD sep200)	ATF VI	3 ±0.2L
Reducer lubricating oil (4WD rear hw150)	Castrol 805 C	1.7 ±0.2L
Range extender oil	SN 5W — 30	4.0 ±0.1L

Glass washer fluid filling volume

Fluid name	Specifications	consumption
Windshield washer fluid	- 35 °C	3.7 ±0.2L

Air conditioning refrigerant charge

Fluid name	Specifications	consumption
Air conditioning refrigerant	R134a	550 ±20g

Brake fluid filling volume

Fluid name	Specifications	consumption
Brake fluid	HZY4	0.7 ±0.05 L

Coolant filling quantity

Specifications	Description		consumption
DF - 7 - 40 °C	Range extender filling pot		6.0 ±0.5 L
	Power battery charging pot	Extended range 2WD (sep200)	13.0 ±0.5 L
		Extended range 4WD (front and rear sep200)	15.0 ±0.5 L
		Extended range 4WD (front sep200, rear hw150)	14.0 ±0.5 L

Fuel filling quantity

Fluid name	Specifications	Fuel tank capacity
gasoline	Unleaded fuel 92# and above without metal additives	56L

Tyre

Model	Extended range version
Hub model	8.5J x 20
Tire model	255 / 45R20
Tire pressure	No load: 270kPa
	Full load: 300kPa

Tire dynamic balance parameters

Project	Parameter
Wheel nut torque	135 Nm
Wheel balance required	< 50 g

Power battery

Item	Extended range 2WD version	Extended range 4WD version
Power battery	SERES power: jk3451001 (BYD cell)	SERES power: jk3451001 (BYD cell)
Range in pure electric mode (km, operating mode)	150 km	150 km
Rated capacity	100 Ah	
Voltage	345.6 V	
Temperature range	- 30 °C ~ 50 °C	
Charging time	Fast charging: 43 minutes (20% ~ 80%) Slow charge: 3.6 hours (21% ~ 90%)	Fast charging: 43 minutes (20% ~ 80%) Slow charge: 3.6 hours (21% ~ 90%)

Drive motor

Item	Extended range 2WD version	Extended range 4WD version
Front motor	SEP 200 AC asynchronous motor	
Rear motor	Hw150 permanent magnet synchronous motor	
Peak power and duration	255 kW / 0.5 min (drive motor sep200)	Peak power and duration
Peak torque and duration	520 Nm / 0.5 min (drive motor sep200)	Peak torque and duration
Rated speed	6500 r / min (drive motor sep200)	Rated speed
Insulation class	H	
Degree of protection	IP67	

Range extender

Item	Specifications
Range extender model	SFG15TR
Maximum torque (nm) / speed (R / min)	196 / 1800 ~ 4000
Rated power (kw) / speed (R / min)	82 / 4000
Maximum net power (kw) / speed (R / min)	80 / 4000
form	Four cylinder four stroke, forced circulation water cooling, exhaust gas turbocharging
Cylinder arrangement	In line
Cylinder bore×Stroke (mm)	75 ×eighty-four point eight
Displacement (ML)	1498
Idle speed (RPM)	750 ±50
spark plug	BOSCH IRIDIUM R6
emission standard	China VI B

retarder

Item	Specifications
type	Single speed fixed gear
Total final drive ratio	8.28:1 (drive motor sep200)
	11.135:1 (drive motor hw150)
Reverse gear	Limited to reversing motor direction

Metric terms

Term	Explanation
mm	millimeter
m	meter
km	kilometer
km / h	kilometers per hour
°C	centigrade
°	degree
'	minute
%	percentage
g	gram
kg	kilogram
ml	milliliter
L	liter
V	volt
A	ampere
Ah	ampere-hour
kW	kilowatt
kW h	KWh
s	second
min	minute
r / min	RPM
Nm	N*m

Identification mark



Figure: microwave window position

Microwave window

The position of microwave window is shown in the figure, and the installation of electronic identification shall meet the requirements of GB / T 35790.1-2017.



Figure: tire inflation label location

Tire inflation label

The tire inflation pressure label is located under the left B-pillar and can be seen when the driver's door is opened



Figure: nameplate position of the whole vehicle (the picture position is for reference only, and the specific situation shall be subject to the actual vehicle)

Vehicle nameplate

The nameplate of the whole vehicle is located at the front lower part of the right B-pillar, which can be seen when the passenger door is opened

Vehicle identification code (VIN)

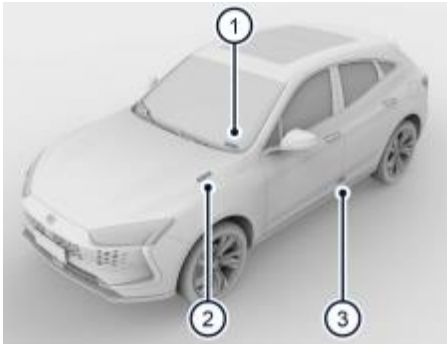


Figure: vehicle VIN code position (picture position is for reference only, please refer to the actual vehicle for specific conditions)

- 1 It is located on the front of the instrument panel (driving position side) and can be seen through the windshield.
- 2 Open the inside of the front cover, and you can see it when you open the front cover.
- 3 It is located on the driver's side door pillar and can be seen when the door is opened.

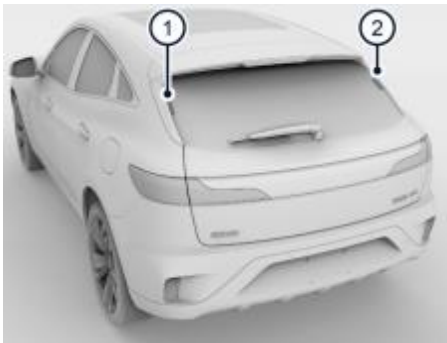


Figure: vehicle VIN code position (picture position is for reference only, please refer to the actual vehicle for specific conditions)

- 1 Open the back door, left side of the chute.
- 2 Open the back door, right side of the back door.

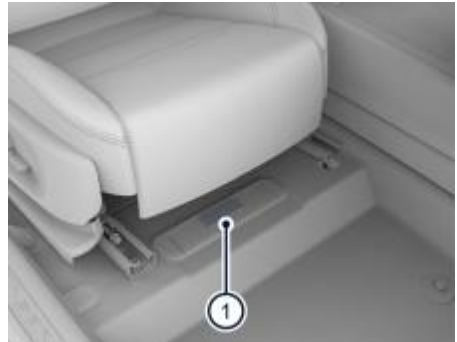


Figure: vehicle VIN code position (picture position is for reference only, please refer to the actual vehicle for specific conditions)

- 1 Under the front passenger seat, engraved on the floor beam.



Figure: vehicle VIN code position (picture position is for reference only, please refer to the actual vehicle for specific conditions)

- 1 On the rear luggage compartment floor.

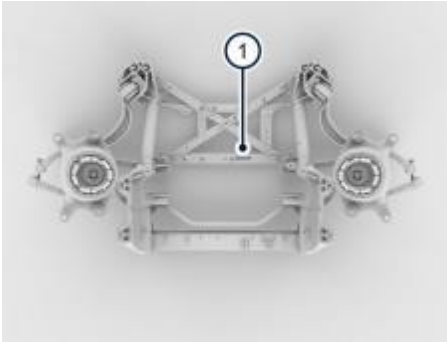


Figure: vehicle VIN code position (picture position is for reference only, please refer to the actual vehicle for specific conditions)

1 On the front sub-frame beam.

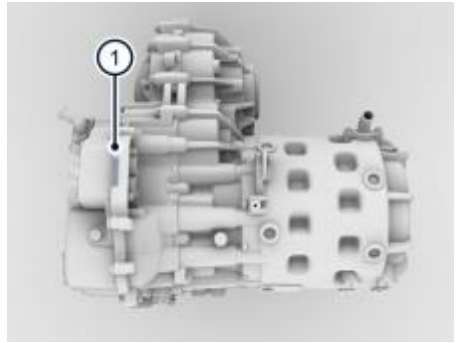


Figure: front motor (the picture position is for reference only, and the specific situation shall be subject to the actual vehicle)

1 Front motor vehicle VIN code position.

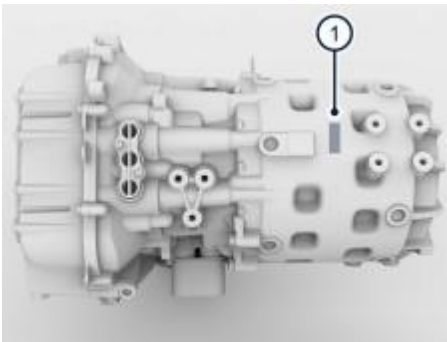


Figure: front motor (the picture position is for reference only, and the specific situation shall be subject to the actual vehicle)

1 Front motor vehicle VIN code position.



Figure: front motor (the picture position is for reference only, and the specific situation shall be subject to the actual vehicle)

1 Front motor model engraving position.

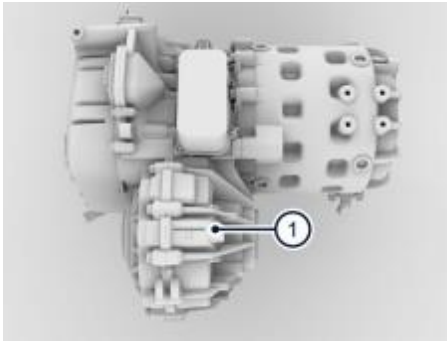


Figure: front motor (the picture position is for reference only, and the specific situation shall be subject to the actual vehicle)

- 1 Front motor model engraving position.

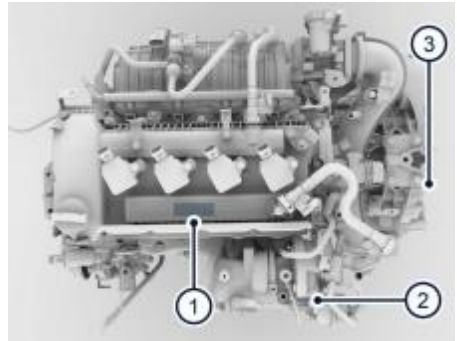


Figure: range extender (the picture position is for reference only, and the specific situation shall be subject to the real vehicle)

- 1 Sticking position of range extender model.
- 2 Engraving position of range extender model.
- 3 Vehicle VIN identification position.

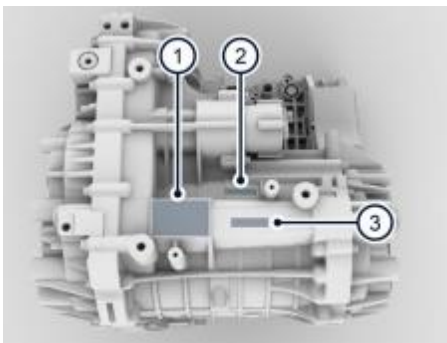


Figure: front motor (the picture position is for reference only, and the specific situation shall be subject to the actual vehicle)

- 1 Sticking of motor model.
- 2 Marking position of rear motor.
- 3 Engraving position of motor model.

Disclaimers

Quickly understand user information and copyright and trademark information.

Disclaimers

Data recorder of on-board telematics system

The vehicle is equipped with some electronic modules to monitor and record the data of each on-board system (including motor, main battery pack, braking and electrical system), these electronic modules record various driving conditions and driving conditions, including braking, acceleration, travel information and other driving information. At the same time, they also record vehicle function information, such as charging event and status, enabling / disabling of each system, diagnostic fault code, vehicle identification (VIN), vehicle speed, driving direction and place.

These data are stored by the vehicle. During vehicle maintenance, they can be accessed, used and stored by professional authorized maintenance technicians, or regularly wirelessly transmitted to Chongqing Jinkang (SERES) New Energy Vehicle Co., Ltd. through the on-board remote information system. Chongqing Jinkang (SERES) new energy after sales service center can use the data to perform the following operations, including providing remote information service; carries out troubleshooting and vehicle quality, function and performance evaluation; to help Chongqing Jinkang (SERES) new energy after sales service center and its partners carry out analysis and research to complete the improvement and design of vehicles and vehicle systems; and for other purposes specified by law. Only audit is required during vehicle maintenance. Vehicle data recording can solve the problem remotely.

The on-board telematics system regularly wirelessly transmits driving information to Chongqing Jinkang (SERES) New Energy Vehicle Co., Ltd. the use of these data, as described above, helps to ensure proper maintenance of the vehicle. Additional functions of the vehicle may require the use of the on-board telematics system and the of

information provided, including some functions, such as charging prompt and software upgrade, remote access and control.

Chongqing Jinkang (SERES) New Energy Vehicle Co., Ltd. will not disclose any recorded information (except vehicle maintenance related data) to the vehicle owner.

Quality Control

At the time of delivery, some mileage will be displayed on the vehicle odometer. This is the result of a comprehensive test to ensure the quality of the vehicle. The test process includes tests during and after production. The final inspection is completed by the vehicle, including road tests by technicians.

About owner information

Vehicles may vary slightly, depending on vehicle options, software version, purchase area and specific vehicle settings. All descriptions and instructions are detailed at the time of release. However, since continuous improvement is our goal, we reserve the right to modify at any time.

Applicability of documents

We will regularly update the owner's information to reflect the update to SERES5. However, in some cases, recently released features may not be exhaustive. View the release notes on the SERES5 touch screen to display information about the recently released features. After the software is updated, the release notes will be displayed on the touch screen; click on the release notes link and the release notes will be displayed. If the information on how to use the touch screen of Jinkang New Energy Vehicle conflicts with the information in the release notes, the release notes shall prevail.

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