
Thank you for choosing SAIC MAXUS Automotive Co.,Ltd. May our products and services bring fresh joy to your life!

Please take time to read and understand this Handbook and other publications supplied with it. Thus you can familiarize yourself with the vehicle and enjoy a driving experience with comfort, safety as well as economy.

This Driver's Handbook will provide you with the information necessary for getting familiar with your vehicle, including how to drive the vehicle, how to carry out routine maintenance checks, and what to do in an emergency.

This Handbook contains the latest information upon the time of printing and all modifications, interpretations and explanations should be reserved by the company. Based on the consideration that the products will be upgraded or in any other way(s) modified constantly, the company reserves the right to apply these changes mentioned here before without notice when the Handbook has been hereby printed and published and will accept no liability.

This Handbook is an indispensable part of the vehicle. If you want to sell the vehicle, please remember to provide the new owner with this Handbook.

Special Announcement

Driver's Handbook and Warranty & Service Handbook specify the agreement between the company and the user on establishment and termination of rights and obligations concerning the quality warranty and after-sales service of product. Please be sure to read the Driver's Handbook and Warranty & Service Handbook carefully before using the product. If any damage is caused by misuse, neglect, incorrect operation or unauthorized refit, the user will have no right of claim, and any warranty request will be refused by SAIC MAXUS Automotive Co.,Ltd Service Dealer(hereinafter referred to as "Service Dealer").

Unauthorized re-production of this Handbook, whether electrically, physically or in any other way, and/or storing the Handbook in any inquiry system of any form or type shall not be permitted.

Wish you a pleasant driving!

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SAIC MAXUS Automotive Co.,Ltd reserves the final right to interpret this Handbook

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Preface

Introduction

About this handbook

This Handbook applies to D90 series multi-purpose passenger vehicles.

Caution
The information contained in this Handbook is designed to cover more than one model option and variant, and therefore some of the items mentioned here may not apply to your vehicle.

The applicable executive enterprise standard is Q31/0110000019C005.

The drawings contained in this Handbook are illustrations for references only.

Indicative information

Warning



This symbol indicates that: In order to avoid the possibility of personal injury or injury to others, relevant procedures must be followed strictly and precisely.

Caution

Caution
Relevant procedures must be followed to avoid vehicle damage.

Note

Note: It is a suggestive description which is useful for you.

Environmental protection



Everyone is obliged to protect the environment. This symbol draws attention to information which may help you to do that.

Arrows



It represents the described object.



It represents its direction of motion.

Please refer to

The contents are referred by the "Section" title.

Preface

Precautions

Dangerous substances

 Many liquids and other substances used in motor vehicles are poisonous and should under no circumstances be consumed and should, so far as possible, be kept away from open wounds. These substances among others include battery acid, coolant, brake fluid, fuel, washer fluid, lubricants, refrigerant and various adhesives. Always read carefully the instructions printed on the labels or stamped on components and obey them implicitly. These instructions are for the sake of your health and personal safety. Please treat them with prudence.

For your safety, observe instructions contained in this Handbook.

Children/Animals

 Accidents and injury may be caused by unsupervised children or animals operating controls and switches fitted to your vehicle, or playing with equipment or goods being transported in it.

In order to prevent the accident or personal injury caused by a child or animal, do not leave the child or animal in the vehicle without adult supervision. Also they can become suffocated in hot weather conditions.

Personal safety

 Seat belts are fitted to all seats in your vehicle to reduce the possibility of personal injury in the event of an accident. It is required that all passengers wear seat belts. In addition, your vehicle has been installed with supplementary restraint system (SRS) comprising an airbag and a seat belt pretensioner, providing extra protection for the driver and front passenger.

Please refer to “Occupant restraint system” in Before You Drive section. Misuse of an air bag can result in injury.

Vehicle identification

When communicating with our service dealer, you should provide the vehicle identification number (VIN). The engine number may also be required if the engine is involved during communication.

Vehicle identification number (VIN)

Vehicle identification number (VIN) on the vehicle:

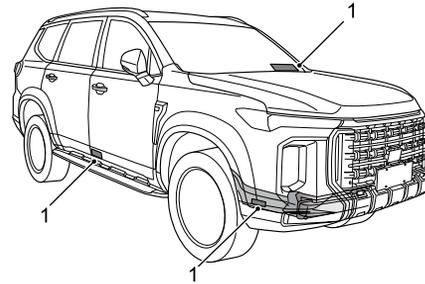
- On the right front girder of vehicle (seal position).
- On the VIN plate on the front right door frame. For Middle East models, On the VIN plate on the front left door frame.
- On the instrument panel at the left lower corner of the windshield, visible through the left lower corner of the windshield.
- On the inner side of the left front fender (if equipped).
- On the side edge of the right front door (if equipped).
- On the transmission housing (if equipped).
- On the left inner wall of glove box (if equipped).
- On the inside of the top center of the tailgate (if equipped).
- On the right side of sheet metal under the step trim plate of the tailgate (if equipped).
- On the engine hood inner panel (if equipped).

The OBD data link connector is located at the lower side of the left instrument cluster. You can contact Our Service Dealer to read VIN information from the electronic control unit of the vehicle with the special device from our company.

Engine number

Vehicles equipped with diesel engine: The engine number is printed on the front part of cylinder block.

Vehicles equipped with gasoline engine: The engine number is printed on the rear part of engine intake side cylinder block.



1 Vehicle identification number (VIN)

Preface

VIN plate

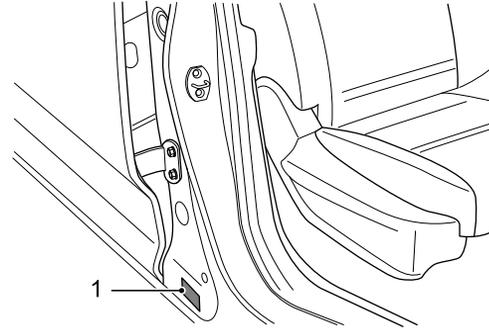
VIN plate may contain the following information, please refer to the actual vehicle.

- Name of production plant
- The technically permissible maximum mass on each axle listed in order from front to rear
- VIN
- Gross vehicle weight
- Category
- Type
- Date
- Country of manufacture

Location of VIN plate

The VIN plate (1) is on the right front door frame.

For Middle East models, the VIN plate (1) is on the left front door frame.



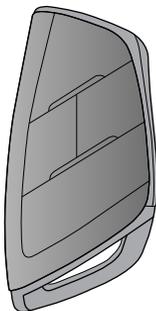
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 - 82 Heating, ventilation and air conditioning (HVAC)
 - 93 Rearview mirrors
 - 99 Interior equipment
 - 113 Entertainment system
-

Before You Drive

Keys

The vehicle is equipped with 2 remote keys with passive entry passive start system (hereinafter referred to as PEPS).



Note: *If a key is lost, you must provide the key number on the metal or plastic plate attached with the key, and our service dealer will provide the replacement. To ensure safety, you are recommended to keep the metal or plastic plate attached with key properly.*

Note: *For the sake of safety, the key has been electronically coded with the immobilizer system and can be used with the system in the matching way only. Special procedures shall be followed to manufacture a same key with the lost one. Any uncoded key cannot start the vehicle but can lock/unlock doors.*

Remote key with PEPS

The remote key is a control component of central door locking system of a vehicle, which can be used for locking/unlocking all doors.

Note: *The remote key has been electronically coded with the locking/unlocking system and can be used with the system in the matching way only. Special procedures shall be followed to manufacture a same remote key with the lost one. Our service dealer will be pleased to assist you.*

Please refer to Central Locking System in this section for more details about the remote key.

Caution

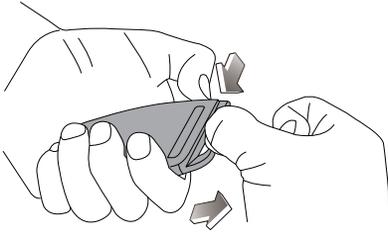
The immobilizer system can accept 4 coded keys at most (for remote keys with PEPS).

Extension/retraction of mechanical key portion of the remote key ("mechanical key portion" for short)

Press the release button on the remote key with PEPS, and pull the mechanical key portion from the key body.

To retract the mechanical key portion, directly insert it into the body of remote key with PEPS.

Before You Drive



Replace the battery in the remote key with PEPS

! Batteries may present the risk of fire, explosion and burning. Never charge the battery. Properly dispose of the used battery. Keep the battery out of reach of children.

! **WARNING:** Do not ingest the battery, chemical Burn Hazard.

This product contains coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

WARNING



To replace the battery, following procedures must be observed:

- 1 Press the release button on the remote key with PEPS.
- 2 Pull the mechanical key portion out of the key body.
- 3 Pry off the upper and lower panels of the body; the circuit board may fall off from the upper panel assembly when prying off the panels, just reinstall them.

Caution

Do not damage the circuit board when prying off the upper and lower panels.

- 4 Remove the used battery from the lower panel assembly and install a new one.

Note: *It is recommended to use a CR2032 battery.*

Caution

Pay attention to the positive and negative electrodes of battery.

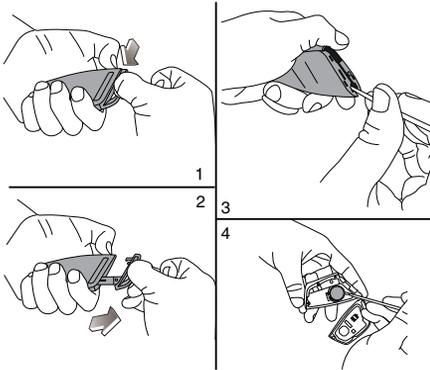
Before You Drive

- 5 Refit the upper and lower panels of the battery body, and press their circumference to ensure they are clamped in place.

Caution

Do not ignore the waterproof shim and circuit board onto the upper panel of the key body.

- 6 Press the mechanical key portion into the key body.



Caution

It is complicated to replace the battery in the remote key with PEPS. In order to prevent the key from being damaged due to misassembly or misoperation, you are recommended to have the battery replaced by our service dealer.

Door locks

To protect your vehicle against theft

! When leaving the vehicle with occupants inside, even briefly, always carry the key and turn off the ignition switch, particularly if children are left in the vehicle. Otherwise, they may start the engine or operate the electrical device, which may result in a risk of accident.

Close all windows before leaving the vehicle.

Ensure all doors are fully closed before locking them.

Lock/unlock

You may lock/unlock all doors from outside by using the remote key with PEPS.

All doors can be locked/unlocked from the inside using central lock switch. All doors can be automatically locked according to the vehicle speed. Please refer to "Central door locking system" in this section.

Note: When all doors are successfully locked by using the remote key with PEPS, all turn signals will flash once, and the horn will sound once to indicate successful locking. When all doors are successfully unlocked with the remote key, all turn signals will flash twice to indicate successful unlocking.

Before You Drive

Central door locking system

Using the mechanical key portion

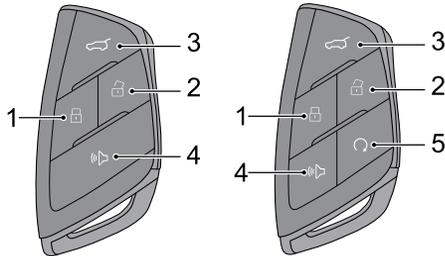
All doors can be locked/unlocked by manually locking/unlocking the driver door using the mechanical key portion from the outside.

To lock, turn the mechanical key portion clockwise. To unlock, turn the mechanical key portion counterclockwise.

Using the remote key with PEPS

All doors can be locked/unlocked through the central door locking system using the buttons on the remote key with PEPS.

Note: All doors must be fully closed for the system to operate correctly.



- 1 Central locking button (short press)/window up (long press)/panoramic sunroof closing (long press)

Note: For the functions of window up (long press) and panoramic sunroof closing (long press), please refer to your vehicle's actual configuration.

- 2 Central unlocking button (short press)/window down (long press)

Note: For the window down function (long press), please refer to your vehicle's actual configuration.

- 3 Manual tailgate unlocking button/power tailgate unlocking and locking buttons
- 4 Vehicle locator button
- 5 Remote start button

Note: It applies to the vehicles equipped with remote start function.

Caution
For vehicles with PEPS, when locking with the LOCK button  on the remote key with PEPS, if there is another legal remote key with PEPS in the vehicle, then the latter key will be disabled, and the passive entry and one touch start feature will be lost. To activate it: close all doors, operate the unlocking button on the remote key with PEPS in a normal manner, the key shielded inside the vehicle will be activated.

Before You Drive

All doors locking

Short press the button  to lock all doors, provided that all doors have been closed.

Note: All turn signal lamps flashing once represents the confirmation for locking; if any door is not fully closed, there will be no audio alarm, please press the button  again after closing all doors.

Panoramic sunroof closing

Keep pressing  after locking, if the panoramic sunroof is in open state, the panoramic sunroof glass will automatically close. The maximum time for long press is 15 seconds. If the sunroof glass and guide rail suffer from snow or dirt, they should be cleaned immediately before long pressing .

Note: For the function of panoramic sunroof closing by long pressing , please refer to your vehicle's actual configuration.

All doors unlocking

Short press the button  to unlock all doors.

Note: If no door is opened within 30 seconds, all doors will be automatically locked again.

Panoramic sunroof opening

Keep pressing  after unlocking, if the panoramic sunroof is in closed state, the sunshade will half open first, and the panoramic sunroof glass will then open to a comfortable position. The maximum time for long press is 15 seconds.

Note: For the function of panoramic sunroof opening by long pressing , please refer to your vehicle's actual configuration.

Tailgate button

Short press the button  to unlock the tailgate.

For vehicles equipped with power tailgate, long press the button  to open and close the power tailgate. During opening and closing, short press the button  to stop the tailgate movement, and long press the button  again to reverse the tailgate movement.

Vehicle locator button

Long press the  button, the vehicle will emit audible and visual alarm.

Vehicle remote start

This function can start the engine from outside the vehicle. If the vehicle is equipped with the remote start function, the button  is located on the remote key.

Before You Drive

The vehicle must meet the following conditions in order to be allowed to start remotely:

- The vehicle is not powered on.
- The vehicle is in P gear.
- The vehicle speed is less than 3km/h.
- All doors are in a closed state.
- The vehicle is in a locked state.
- The vehicle has no alarm.
- The vehicle is in a non remote start state.
- The number of remote starts after the last local shutdown shall not exceed 3 times.

When starting remotely, the temperature control system uses the previous settings or turns on maximum cooling or heating based on the temperature set before the last air conditioning shutdown.

If the vehicle has low fuel content, do not use the remote start function, as using this function may deplete the vehicle's fuel.

To use the remote start function

- 1 Press the central locking button .
- 2 Immediately press the remote start button  for at least 2 seconds or until the vehicle's turn signal flashes, turn signal flashing indicating that the vehicle has received a remote start signal.

Remote start off

If any of the following conditions are met, remote start will be turned off:

- 10 minutes after remote start.

- Within 10 minutes of remote start, the remote start button  is pressed for more than 2 seconds.

Note: Remote start is allowed three times between two local ignition cycles, but if the vehicle is parked for more than 30 minutes after a power off, remote start is allowed again. When the vehicle is during the remote start condition, the remote key can be used to unlock the vehicle then start it normally. After the vehicle is started, the air conditioning system will remain on.

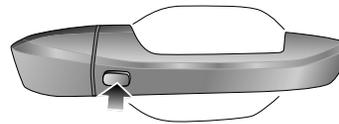
Using the micro switch

PEPS system allows you to lock or unlock the doors without taking the remote key with PEPS out of your pocket, wallet, or suitcase.

Unlock with the remote key with PEPS

As long as there is a legitimate remote key with PEPS existing within 1 meter around the vehicle, press the micro switch on the door handle, and the door will be unlocked.

Lock with the remote key with PEPS



Before You Drive

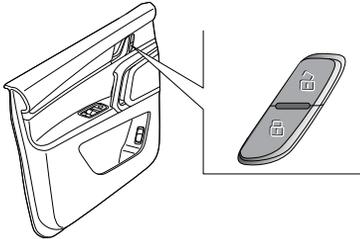
Turn off the ignition switch, leave the vehicle and close the door, then touch the micro switch on the door handle with your thumb, and the door will be locked, without pressing the lock button on the remote key.

Long press the microswitch, the vehicle door will be locked and the front/rear door window will be closed at the same time, please refer to your vehicle's actual configuration.

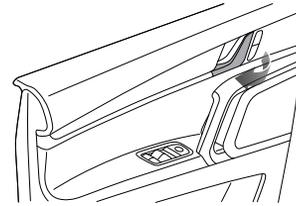
Using the central lock switch

All doors can be unlocked or locked from the inside using the switch. Press the lock button  to lock all doors. Press the unlock button  to unlock all doors.

Note: If driver door is not closed, the lock motor will not operate. If any other door is not closed, the lock motor will operate.



The door can also be unlocked by pulling the inner handle twice.



Note: During the driving, all doors shall be fully closed and all door locks shall be enabled, so as to avoid accidental opening of doors.

Locking according to the vehicle speed

When the vehicle speed exceeds 8 km/h, all doors can be locked automatically under this function.

Note: When the ignition switch is turned off, the doors will automatically unlock.

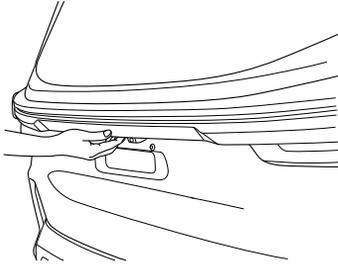
Manual tailgate

Unlocking/opening doors from the outside

When using the remote key with PEPS or central lock switch to lock or unlock all doors, the tailgate will also be locked or unlocked.

If the tailgate is unlocked, press the tailgate outer panel switch  and pull it up to open the tailgate.

Note: *The tailgate will be opened while swinging up. When opening the tailgate, make sure that there are no objects or people near the rear of vehicle.*



Note: *For vehicles equipped with the power tailgate, you can switch to manual tailgate through the tailgate opening mode setting on the center console screen. In the manual mode, the tailgate can be unlocked through the unlock button on the center console screen.*

Closing/locking doors from the outside

To close the tailgate, lower and press it down firmly. Make sure that the tailgate is firmly locked.

Note: *Make sure that the tailgate has been closed before driving the vehicle. Driving the vehicle with tailgate not closed may result in damages to tailgate gas strut and other components.*

Before You Drive

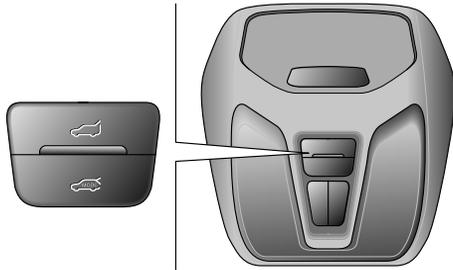
Power tailgate

Note: *The tailgate will be opened while swinging up. When opening the tailgate, make sure that there are no objects or people near the rear of vehicle. Make sure that the tailgate has been closed before driving the vehicle. Driving the vehicle with tailgate not closed may result in damages to tailgate gas strut and other components.*

The power tailgate can be opened in several manners electrically, and you can open and close the tailgate according to your vehicle's configuration.

Tailgate opening and closing switch at the vanity light

Press the switch  to open and close the tailgate.



Tailgate unlock button on the remote key with PEPS

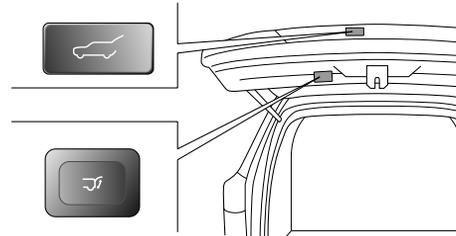
Long press the power tailgate unlock button  on the remote key with PEPS to open and close the power tailgate. During

opening and closing, short press the button  to stop the tailgate movement, and long press the button  again to reverse the tailgate movement.

Note: *This function only can be enabled when the power mode of vehicle is disabled.*

Switch at the tailgate

Press the tailgate exterior panel switch  to open the tailgate. Please make sure that the vehicle is unlocked, if the vehicle is not unlocked, please take the remote key near the tailgate.



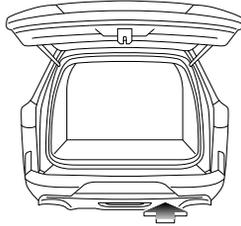
If the tailgate is in open to fully open state or suspends at a set position, press the tailgate inner panel switch  and then execute the closing function. When the tailgate is in motion, if you press the tailgate inner panel switch , the tailgate will stop moving, and pressing the switch again will execute the reverse movement; if you need to close the tailgate, but the current position of the tailgate is below the hovering angle (40 degrees),

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open it to the calibrated angle (50 degrees) first and then close it.

Kick sensing switch at the tailgate

The tailgate is equipped with an sensing opening system. With the remote control key (the remote control key must be within a semi-circle area with a radius of about 1 meter from the tailgate), the tailgate can be opened by kicking under the rear bumper. When performing this operation, gently kick forward at the lower part of the rear bumper (as shown in the figure), and retract without touching the bumper.



Power tailgate touch buttons on the center console screen

Enter the tailgate setting interface on the center console screen, and you can open, pause, close and slide open the power tailgate.

- When the power tailgate is not in open state, click “open”, and the tailgate will open to fully open position.

- When the power tailgate is not in closed state, click “close”, and the tailgate will close to fully closed position.
- When the power tailgate is in motion, click “pause”, the tailgate will stop in the current position, and then the operation of opening, closing and slide-opening can be repeated.
- When the power tailgate stops, slide the real-time opening bar of the tailgate and release your finger to open or close to the corresponding position. If the tailgate opening bar slides below 10 degrees when it stops, the tailgate will be closed, and a reminder that the door is about to be closed will appear on the center console screen.

Note: Make sure that the tailgate has been closed before driving the vehicle. Driving the vehicle with tailgate not closed may result in damages to tailgate gas strut and other components.

Caution

When the power tailgate is operating, make sure that there is no person in the path of opening and closing the tailgate, otherwise you or other person may get injured. When washing the vehicle, make sure that you take the remote key away from the rear bumper detection area because flushing may result in the tailgate opening. If the rear bumper is covered with lots of snow, dirt, or similar objects, there is a risk that the tailgate sensor opening function will be less efficient or cannot operate. Therefore, please keep the rear bumper clean.

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Tailgate height setting

Fully open mode

The fully open mode is the default mode of the vehicle. When it is currently in fully open mode, the tailgate can be opened 100%, or you can slide the tailgate slider on the center console screen to adjust to any angle.

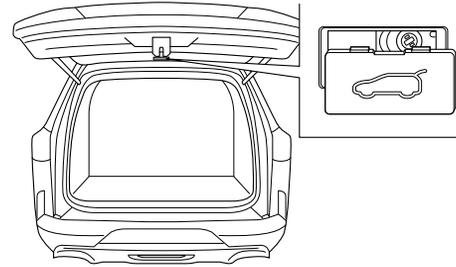
Garage mode

In the garage mode, when the tailgate garage mode switch button  at the vanity light is pressed, all doors will be opened to the set garage height.

Garage mode setting: Manually open the tailgate to the desired height, and long press the tailgate inner panel switch for 3 seconds until a "beep" sound is heard, indicating that the setting is successful. Press the garage mode switch to open the tailgate to the garage height. When it is currently in garage mode, you can also slide the adjustment switch on the center control screen to adjust the garage mode opening. After setting, click "open the tailgate" to open to the set garage height.

Emergency lock function of the tailgate

The tailgate has the emergency lock function. When the vehicle is powered off or other conditions cause the power tailgate to fail, open the cover at the lower end of the tailgate inner trim panel and push the inner lever to open the tailgate.



Note: When the ignition switch is turned to "ON" position, the power tailgate can only be opened and closed at parking gear, but not at other gears.

If the power tailgate is opened but no work instructions are received after 15 minutes, the tailgate will enter the sleep mode; trigger the switch again, the tailgate will close at a constant speed, and then the normal electric function can be resumed.

The power tailgate can not be opened and closed for 10 cycles consecutively. Otherwise, the thermal protection may be enabled. If the thermal protection for the tailgate of your vehicle is enabled, please do not operate the tailgate any more, and wait for 1 minute until the thermal protection is disabled prior to re-operating the tailgate.

If the tailgate encounters any obstacle in the cycle of electric opening or closing, the tailgate will reverse itself to avoid the obstacle. After the obstacle is removed,

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the power tailgate can be operated again. If the tailgate encounters some obstacles for 3 times consecutively in the process of electric closing or opening, the electric function will be disabled. After removing the obstacles, close the tailgate manually, and the normal electric operation function will be recovered. The anti-pinch sensor is located on the side of tailgate. When the tailgate is closed, if there is any obstacle between the tailgate and vehicle, and the sensor is extruded, the tailgate will reserve itself by 10°.

When the power tailgate is operating, make sure that there is no person in the path of opening and closing the tailgate, otherwise you or other person may get injured.

Tailgate servo strategy: when the power tailgate is half-open, it will be closed automatically under any force.

Do not force to open or close the tailgate in the cycle of electric operation.

If the vehicle is on the ramp of greater than 12°, please close the tailgate manually for assistance, and note that the action must be slow rather than quick and forceful.

If the battery is disconnected or the voltage is too low, the tailgate will not be opened. When the battery is re-connected or charged, the tailgate will recover to normal operation.

Child safety lock

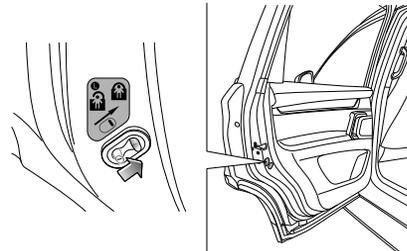
 **If any child sits in the rear seat, please use the child safety lock.**

Your vehicle is configured with child safety locks on both right and left rear doors. These locks are used to prevent the passengers (especially children) from pulling the inner door handle inside to open the rear door.

Caution

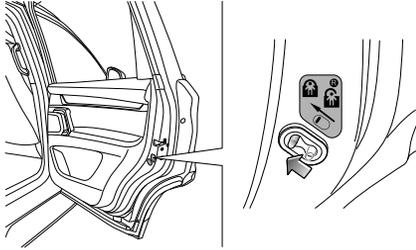
When the child safety lock is in the locking position, do not pull the inner door handle forcefully. Doing so may damage the inner door handle.

Child safety lock on the left rear door



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Child safety lock on the right rear door



To enable the child safety lock:

- 1 Open the rear door to be locked.
- 2 Find the control lever of child safety lock nearly in the central position of the rear door on one side.
- 3 Move the control lever to the lock position .

Caution

Each rear door has its own lock. The child safety lock of each rear door (either on right and left) shall be respectively enabled and disabled manually.

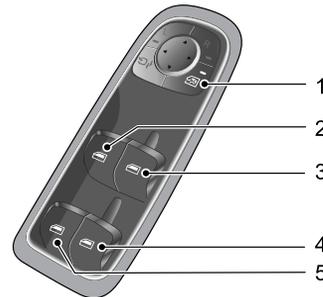
After the child safety lock is enabled, the rear door only can be opened by operating the outer door handle from outside. To cancel the child safety lock, push the control lever to the unlock position .

Windows

 It is dangerous to leave children, incapacitated adults or pets in the vehicle with windows closed. They may faint out due to high temperature, or suffer permanent injury or even death due to heat stroke. Do not leave children, incapacitated adults or pets in the vehicle with the windows closed, especially in the warm or hot weather.

Power windows

 Always take care when operating the power window. There is a risk of injury, especially for children. Please pay close attention when closing the window. Ensure that no objects are stuck in the window while it is moving.



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- 1 Rear window disable switch
- 2 Left front door window control switch
- 3 Right front door window control switch
- 4 Right rear door window control switch
- 5 Left rear door window control switch

Press the switches (2) to (5) , to lower the window glass; lift the switch, to move the window glass up. Release the switch, and the window stops action (except for "One-button" mode).

Note: *The front and rear door windows can also be controlled by using the window switch on each door. If the rear window disable switch on driver door is activated, the window control switches on the rear doors will not work.*

Rear window disable switch

Press the switch (1)  to disable the window control (the indicator lamp in the switch illuminates at this time), and press the switch again to resume the control.

Note: *When a child sits on the rear seat, the disable function shall be enabled.*

Note: *The power window can operate only when the vehicle is powered on.*

Note: *Please operate the windows correctly to avoid danger, and the driver is required to provide guidance on*

usage of windows and safety precautions to the personnel in the vehicle.

Automatic up/down function of window

"One-button" down

Window control switches (2) to (5)  have two positions, short press to switch to the second position, and the window automatically opens. During the window down process, operate the switch again to stop the window from moving down.

"One-button" up and "Anti-pinch"

The left front door window has "One-button" up function; briefly lift the window control switch (2)  to the second position, and the window glass automatically moves up to close; operate the switch again to stop the movement of window glass at any time.

"Anti-pinch" function is a kind of safety function, which can allow the window glass to stop moving up when obstacles are sensed. If this situation occurs, the window glass will automatically moves down to take out obstacles.

The right front door window and the rear door window of some models also have "One-button" up and "Anti-pinch" functions, whose operation methods are the same as those of left front window.

Resume the automatic up/down function

If the vehicle battery cable is re-connected after the disconnection, or the battery was drained once, or the anti-pinch

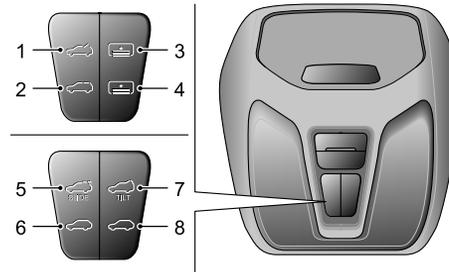
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function has been enabled for 3 consecutive times at the same position when the window glass moves up, the automatic up/down function may not work, it must be re-learned to restore the function.

Close all doors, pull up the window up/down switch, until the window is fully closed, hold the switch for about several seconds after the window is fully closed; then press the window up/down switch until the window is fully open, hold the switch for about several seconds after the window is fully open, the automatic up/down function will be recovered.

Note: *The ANC (active noise cancellation) function is mainly designed to reduce the noise of the engine. For vehicles equipped with ANC function, the ANC function is triggered when the doors and windows (including sunroof) of the vehicle are closed; the function is automatically turned off when the doors and windows are opened.*

Power sunroof



Position 1 : Panoramic sunroof opening switch.

Position 2 : Panoramic sunroof closing switch.

Note: *The panoramic sunroof opening/closing switch is configured with two gears, lifted for ventilation and fully open, respectively, which can control the opening/closing process of sunroof conveniently. In the first gear, the sunroof will be opened or closed to the lifted position for ventilation; and in the second gear, the sunroof will be fully opened or closed. Meanwhile, the panoramic sunroof open/close switch has auto and inching functions, which can control the opening and closing process of sunroof conveniently. Briefly press the 2nd gear of the operation switch, and the sunroof opens or closes automatically. Long press the 1st gear for the inching function.*

Position 3 : Sunshades opening switch.

Position 4 : Sunshades closing switch.

Note: *The sunshades open/close switch has auto and inching functions, so that the opening and closing process of sunshades can be controlled conveniently. Briefly press the 2nd gear of the operation switch, and the sunshades open or close automatically. Long press the 1st gear for the inching function.*

Position 5 : Sunroof sliding-open switch. In the process of sunroof sliding-open, release the switch to make the sunroof stop at the desired position.

Position 6 : Sunroof sliding-close switch. In the process of sunroof sliding-close, release the switch to make the sunroof stop at the desired position.

Note: *Sunroof open/close switch has auto and inching functions, which can control the opening and closing process of sunroof conveniently. Briefly press the 2nd gear of the operation switch, and the sunroof opens or closes automatically. Long press the 1st gear for the inching function.*

Position 7 : Sunroof lifting-open switch. In the process of sunroof lifting-open, release the switch to make the sunroof stop at the desired position.

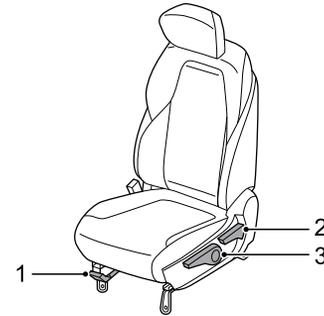
Position 8 : Sunroof lifting-close switch. In the process of sunroof lifting-close, release the switch to make the sunroof stop at the desired position.

Seats

Driver seat adjustment

 Do not adjust driver seat while the vehicle is moving. Otherwise, the vehicle may lose control and cause an accident.

Manually adjusted driver seat



Forward/backward sliding

Pull up the handle (1), and slide the seat to the desired position. Release the handle (1) and confirm that the seat is locked in place.

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Seat backrest inclination adjustment

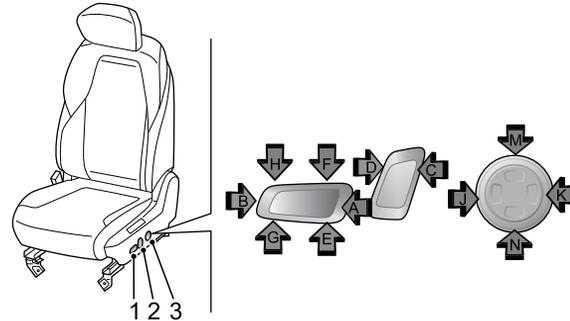
! Do not recline the driver seat excessively, as the seat belt provides maximum protection only when the angle between the backrest and the upright position is near 25°.

With the body tilting slightly forward, pull up the adjusting handle (2), the seat backrest will automatically bounce back, then recline against the seat backrest to adjust it to the desired angle. Release the adjusting handle (2) and confirm that the seat backrest is locked in place.

Cushion height adjustment

Pull up the adjusting handle (3) to raise the seat height, and press the handle (3) to lower the seat height. When making significant adjustments, it is required to pull up or press the handle (3) consecutively.

Electrically adjusted driver seat (Type 1)



Caution

The seat can be adjusted freely regardless of the power-on or not of the vehicle. But the electrical adjustment will consume battery capacity, which may drain the battery.

Forward/backward sliding

When the button (1) is pushed forward (arrow A), the seat will move forward; when the seat slides to the desired position, release the button (1) to stop the seat sliding.

When the button (1) is pushed backward (arrow B), the seat will move backward; when the seat slides to the desired position, release the button (1) to stop the seat sliding.

Seat backrest inclination adjustment



Do not recline the seat excessively as the seat belt provides maximum protection only when the angle between the backrest and the upright position is near 25°.

When the button (2) is rotated forward (arrow C), the seat backrest will tilt forward; when the seat backrest tilts to the desired position, release the button (2) to stop the tilting.

When the button (2) is rotated backward (arrow D), the seat backrest will tilt backward; when the seat backrest tilts to the desired position, release the button (2) to stop the tilting.

Cushion height adjustment

When the rear end of button (1) is pushed upward (arrow E), the cushion will move upward; when the cushion raises to the desired position, release the button (1) to stop the cushion movement.

When the rear end of button (1) is pushed downward (arrow F), the cushion will move downward; when the cushion raises to the desired position, release the button (1) to stop the cushion movement.

Cushion inclination adjustment

When the front end of button (1) is pushed upward (arrow G), the front end of cushion will move upward and the upper end of backrest will rotate backward accordingly; when the cushion tilts

to the desired position, release the button (1) to stop the cushion movement.

When the front end of button (1) is pushed downward (arrow H), the front end of cushion will move downward and the upper end of backrest will rotate forward accordingly; when the cushion tilts to the desired position, release the button (1) to stop the cushion movement.

Lumbar support adjustment

When the front end of button (3) is pressed (arrow J), the lumbar support will move forward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

When the rear end of button (3) is pressed (arrow K), the lumbar support will move backward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

When the upper end of button (3) is pressed (arrow M), the lumbar support will move upward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

When the lower end of button (3) is pressed (arrow N), the lumbar support will move downward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

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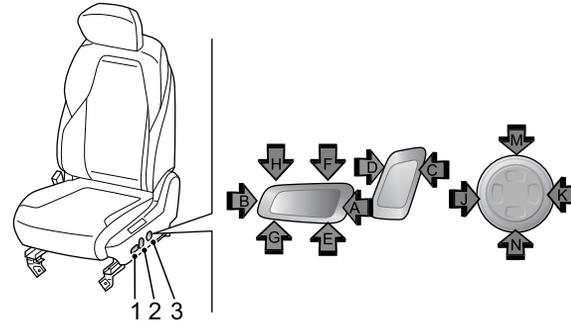
Armrest adjustment

Note: It applies to vehicles with armrest adjustment function.

The armrest can be adjusted upwards from the lowest position as needed. There are 3 positions in total.

When it is required to lower the armrest from a higher position, it is necessary to raise the armrest to the highest position first, then lower the armrest to the lowest position, and then adjust the armrest upwards to the desired position.

Electrically adjusted driver seat (Type 2)



Caution

Regardless of the power-on or not of the vehicle, the forward/backward seat sliding, seat backrest inclination adjustment, cushion inclination adjustment, cushion height adjustment, seat lumbar support adjustment and memory position function can be carried out, but the electrical adjustment will consume battery power, which may drain the battery. The massage function is available only when the vehicle is powered on.

Note: You may go to the seat interface of the center console screen to adjust the corresponding seat functions.

Forward/backward sliding

When the button (1) is pushed forward (arrow A), the seat will move forward; when the seat slides to the desired position, release the button (1) to stop the seat sliding.

When the button (1) is pushed backward (arrow B), the seat will move backward; when the seat slides to the desired position, release the button (1) to stop the seat sliding.

Seat backrest inclination adjustment



Do not recline the driver seat excessively, as the seat belt provides maximum protection only when the angle between the backrest and the upright position is near 25°.

When the button (2) is rotated forward (arrow C), the seat backrest will tilt forward; when the seat backrest tilts to the desired position, release the button (2) to stop the tilting.

When the button (2) is rotated backward (arrow D), the seat backrest will tilt backward; when the seat backrest tilts to the desired position, release the button (2) to stop the tilting.

Cushion height adjustment

When the rear end of button (1) is pushed upward (arrow E), the cushion will move upward; when the cushion raises to the desired position, release the button (1) to stop the cushion movement.

When the rear end of button (1) is pushed downward (arrow F), the cushion will move downward; when the cushion raises to the desired position, release the button (1) to stop the cushion movement.

Cushion inclination adjustment

When the front end of button (1) is pushed upward (arrow G), the front end of cushion will move upward and the upper end of backrest will rotate backward accordingly; when the cushion tilts to the desired position, release the button (1) to stop the cushion movement.

When the front end of button (1) is pushed downward (arrow H), the front end of cushion will move downward and the upper end of backrest will rotate forward accordingly; when the cushion tilts to the desired position, release the button (1) to stop the cushion movement.

Lumbar support adjustment

When the front end of button (3) is pressed (arrow J), the lumbar support will move forward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

When the rear end of button (3) is pressed (arrow K), the lumbar support will move backward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

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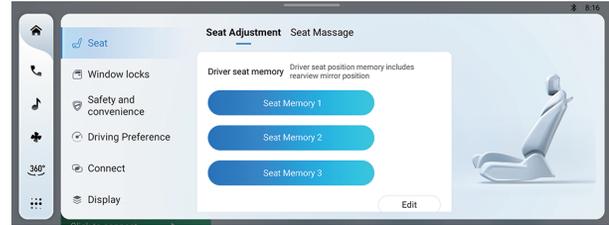
When the upper end of button (3) is pressed (arrow M), the lumbar support will move upward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

When the lower end of button (3) is pressed (arrow N), the lumbar support will move downward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

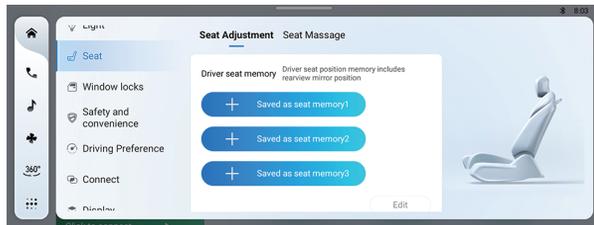
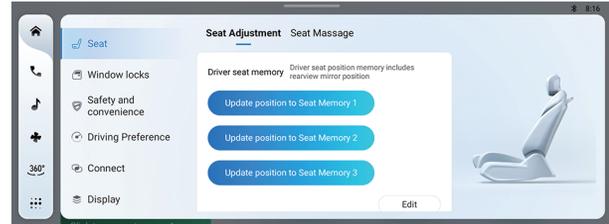
Memory position function

The seat memory position function has 3 positions. After entering the seat interface on the center console screen, adjust the seat (backrest/forward/backward sliding/front height adjustment/rear lifting and other functions) to the desired position first, select the driver memory touch button 1/2/3, and press and hold it for about 2 seconds, until the center console screen prompts successful saving (If we adjust the seat to a position other than memory 1, and want to restore to the position of memory 1, short press the memory button 1, the seat will move to the stored position of memory 1).

After saving, the interface is displayed as follows:



Long press the saved seat memory 1/2/3, the interface changes as follows, you can check to delete the selected seat memory, or update the memory location.

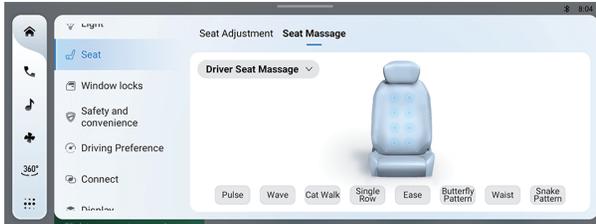


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Massage function

The seat massage function has 8 modes, each of which has three levels: high, middle and low. In the seat interface of the center console screen, select the driver massage touch button, and adjust according to the prompts. To adjust the electrically adjusted front passenger seat (Type 2), select the front passenger massage touch button and adjust according to the prompts.

Note: The massage function of the seat is available only when the vehicle is started.



Heating function

The seat heating function has 3 gears. In the A/C interface of the center console screen, select the driver seat heating touch button (1), and adjust the heating gear by using the touch button. Press the heating button once to the 1st gear, press twice to the 2nd gear, press 3 times to the 3rd gear, press 4 times to stop heating. Cycle operation is needed.

To adjust the electrically adjusted front passenger seat, select the front passenger seat heating touch button (2), and adjust the heating gear by using the touch button. Press the heating button once to the 1st gear, press twice to the 2nd gear, press 3 times to the 3rd gear, press 4 times to stop heating. Cycle operation is needed.



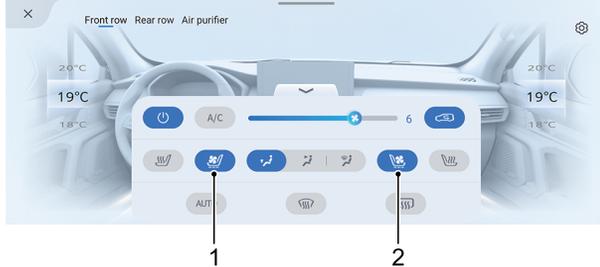
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Ventilation function

The seat ventilation (air blowing) function has 3 gears. In the A/C interface of the center console screen, select the driver seat ventilation touch button (1), and adjust the heating gear by using the touch button. Press the ventilation button once to the 1st gear, press twice to the 2nd gear, press 3 times to the 3rd gear, press 4 times to stop the ventilation. Cycle operation is needed.

To adjust the electrically adjusted front passenger seat, select the front passenger seat ventilation touch button (2), and adjust the heating gear by using the touch button. Press the ventilation button once to the 1st gear, press twice to the 2nd gear, press 3 times to the 3rd gear, press 4 times to stop the ventilation. Cycle operation is needed.



Note: The seat heating function can not be used with the ventilation function.

Front passenger seat adjustment

Manually adjusted front passenger seat

Only forward/backward sliding and seat backrest adjustment can be made, and its adjustment is consistent with that of manually adjusted driver seat.

Electrically adjusted front passenger seat (Type 1)

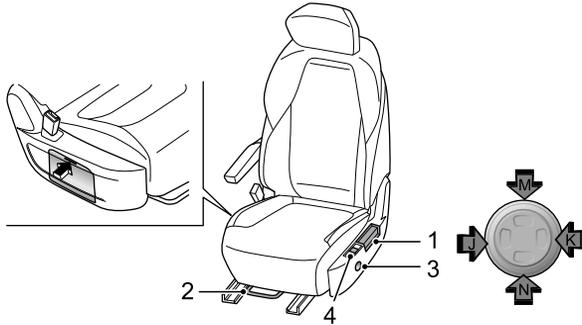
Only the forward/backward seat sliding, seat backrest inclination adjustment and lumbar support adjustment can be carried out, and the adjustment method is the same as that of electrically adjusted driver seat (Type 1).

Electrically adjusted front passenger seat (Type 2)

Only the forward/backward seat sliding, seat backrest inclination adjustment, lumbar support adjustment, massage function, heating function and ventilation function can be carried out, and the adjustment method is the same as that of electrically adjusted driver seat (Type 2).

Second-row seat adjustment

Type 1



Seat backrest inclination adjustment

Slightly recline forward and pull up the handle (1). Then lean against the seat backrest to adjust to the required angle. Release the handle (1) and confirm that the seat backrest is locked in place.

Forward/backward sliding

Lift the unlock pull rod (2) upward, and adjust the seat position forward and backward by pulling/pushing it forward/backward with both feet. Release the unlock pull rod (2), and confirm that the seat is locked in place.

Lumbar support adjustment

When the front end of button (3) is pressed (arrow J), the lumbar support will move forward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

When the rear end of button (3) is pressed (arrow K), the lumbar support will move backward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

When the upper end of button (3) is pressed (arrow M), the lumbar support will move upward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

When the lower end of button (3) is pressed (arrow N), the lumbar support will move downward; when the lumbar support moves to the desired position, release the button to stop the lumbar support movement.

Lumbar support massage

Press the lumbar support massage button (4) to turn on the lumbar support massage function.

Foldable cup holder

The left single seat is equipped with a foldable cup holder, which can be ejected by pressing the arrowed position. When not in use, just push the cup holder inwards.

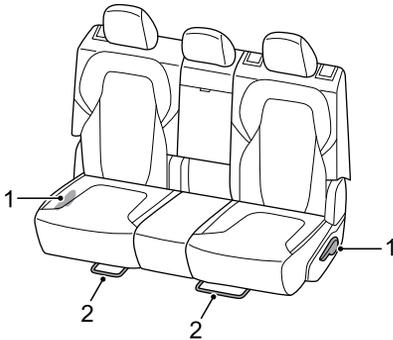
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Armrest adjustment

The armrest can be adjusted upwards from the lowest position as needed. There are 6 positions in total.

When it is required to lower the armrest from a higher position, it is necessary to raise the armrest to the highest position first, then lower the armrest to the lowest position, and then adjust the armrest upwards to the desired position.

Type 2



Seat backrest inclination adjustment

Slightly recline forward and pull up the handle (1). Then lean against the seat backrest to adjust to the required angle. Release the handle (1) and confirm that the seat backrest is locked in place.

Backrest folding adjustment

Adjust the headrest to the lowest position before adjustment. Pull up the handle (1), and the seat will flatten automatically.

Lift the seat backrest until it is locked, to restore it to the use position.

Caution

When the 2nd-row seat backrest is folded, it may interfere with the front seat. Take care when operating to avoid collision.

Forward/backward sliding

Lift the unlock pull rod (2) upward, and adjust the seat position forward and backward by pulling/pushing it forward/backward with both feet. Release the unlock pull rod (2), and confirm that the seat is locked in place.

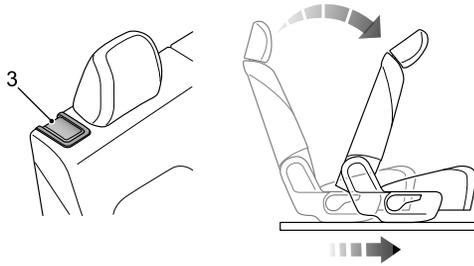
2nd-row triple seat easy entry function

This feature will facilitate the 3rd-row passengers to get in and get out of the vehicle.

3rd-row passengers get in and get out of the vehicle from the right

Pull up the unlock handle (3), rotate the backrest to a certain angle forwards to slide the seat to the frontmost. In this case, rear passengers can get in and get out of the vehicle from the right side.

Before You Drive



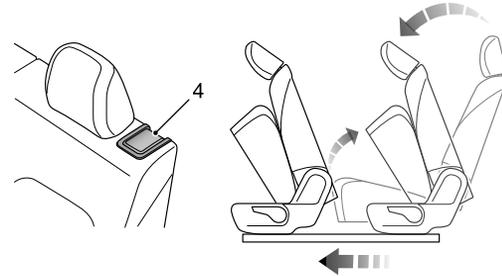
After the passenger enters/leaves the vehicle, reset the backrest and push the seat back to the locked position.



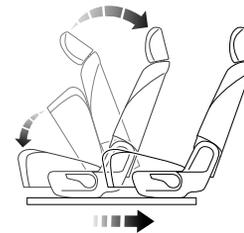
3rd-row passengers get in and get out of the vehicle from the left

Pull up the unlock handle (4), rotate the seatback to a certain angle forwards, the cushion will automatically tilt to slide the seat

to the foremost. In this case, rear passengers can get in and get out of the vehicle from the left side.



After the passenger enters/leaves the vehicle, reset the backrest first, lock the backrest, and then press the seat cushion down to the locked position. If necessary, adjust the front and rear sliding rods to move the seat to a suitable position.



Before You Drive

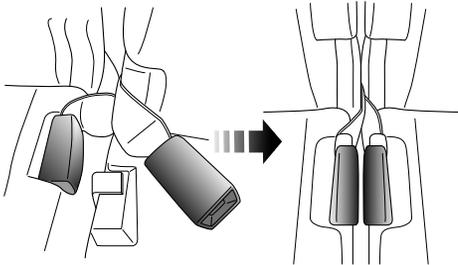
3rd-row seat adjustment

Backrest folding forward

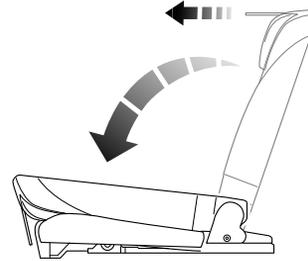
Caution

With the 2nd-row seat backrest tilting backward, folding the 3rd-row seats may interfere with the 2nd-row seats, at this time, please tilt the 2nd-row seats forward or reduce the inclination angle of the 2nd-row seat backrest.

Straighten out the buckle wedding, and place the buckle back into the seat slot. Otherwise, after the seat backrest is flattened, the buckle will push against the backrest, resulting in the damage of seat cover.

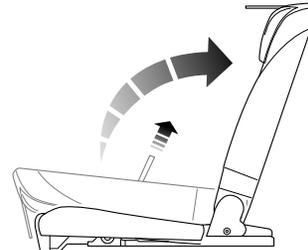


Adjust the headrest to the lowest position before adjustment. Pull the unlock strap from the top of seat backrest forward to unlock the seat backrest, and tilt the seat backrest forward to get close to the seat cushion.



Seat backrest tilting backward

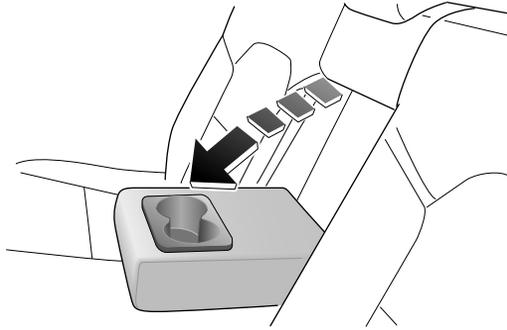
Pull upward at the back the unlock strap from the back of seat backrest, and tilt the seat backrest to the lock position. Adjust the headrest to the lock position.



Before You Drive

Seat central armrest adjustment

Pull it down and push it forward for use.



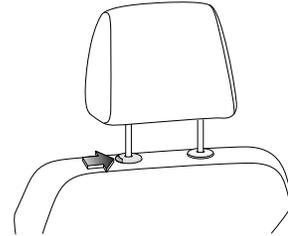
Caution

Do not sit on the central armrest or place heavy objects on it.

Headrest

! To reduce the risk of neck or head injury, the headrest should be adjusted to support the back of the head but not the neck. Before driving, adjust the headrests of front and rear rows, and ensure that they are in lock position (i.e., the position for safe use). Do not adjust the headrest while the vehicle is in motion.

1



Pull up the headrest to adjust the headrest to the desired position. When the headrest needs to be removed when reaching the highest position, press the button indicated by the arrow.

To adjust the headrest downward, press the arrowed button to push down the headrest to the desired position.

Before You Drive

Occupant restraint system

Sitting correctly

The seat and its occupant restraint system have been designed to reduce personal injury to a minimum in the event of an accident. For optimum effectiveness, the following points should be observed.

- Do not position the seat too close to the steering wheel.
- Do not over-recline the seat. Adjust the seat backrest to no more than 30° so that you can sit in an upright position with your arms slightly bent, and the base of your spine as far back as possible.
- Your headrest should be adjusted so that its center is level with the back of your head, not your neck.
- The shoulder belt should go through the center of your shoulder (adjust its height as necessary), while the lap belt fit tightly across the hips, not the abdomen.

Seat belts



Improperly wearing or using seat belts may cause serious personal injury or death. Seat belts are life saving equipment. In a collision, unrestrained occupants may collide anywhere inside the vehicle or be possibly thrown out, resulting in injury to themselves or to other occupants.

When riding in a vehicle, the driver and any adult (or any adult sized child) must always wear the seat belt. Do NOT slacken the webbing by pulling the belt away from your body. To be fully effective, the webbing must remain tightly around your body at all times. Avoid wearing thick, bulky clothing. Put the shoulder belt of seat belt across the center of the shoulder and the lap belt close to the body to go over the hips. Strictly prohibit the use of slack and twisted seat belts, and seat belts can not be twisted to wear.

Never use a seat belt for more than one adult, and never use it to secure an additional object or a child. Each seat belt can only be used by one occupant. It's dangerous to wrap a seat belt around a child in the occupant arms.

When wearing a seat belt, ensure that it is not twisted or slack. Otherwise the smooth operation of the belt may be impeded. The buckle release button must face outwards.

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Do not allow a baby or infant to be carried on the lap. The force of a crash can increase effective body weight, making it impossible to hold the child.

Do not allow foreign matters (particularly sugary food and drinks) to enter the seat belt buckle - such substances may render the buckle inoperative.

If the seat belt has been used in a serious accident, or is seriously worn, or has been cut, or the visual load meter shows that the seat belt is no longer available, or the seat belt is a pretensioning seat belt with the pretensioner triggered, the seat belt assembly must be replaced.

Pregnant women should ask their doctor for advice about the safest way to wear seat belts.

A seat belt must not be altered or modified in any way, since such changes may render the belt ineffective. Do not attempt to dismantle, repair or lubricate the retractor or buckle mechanisms.

Each seat belt is fitted with a retractor. When the seat belt is pulled out slowly, the retractor can ensure that the seat belt is retracted freely. But if the seat belt is pulled out too fast or under a sudden impact (a sudden deceleration, acceleration, sharp turn), the seat belt will be locked. Please refer to "Seat belts" in Maintenance and Service section for the specific inspection methods.



When the seat belt is not used, be sure to retract the seat belt webbing completely, straighten the webbing and put the locking tab in place, and keep the webbing and locking tab clean to prevent dust and impurities.

Be careful to avoid the erosion of webbing by polishing agents, oils and chemicals (especially battery acid). It can be cleaned safely with mild soap and water. After wear, erosion or damage of the webbing occurs, the seat belt assembly should be replaced.

The driver seats and front passenger seats of the vehicles of this series can be configured with adjustable pretensioning force-limiting seat belts and adjustable force-limiting seat belts with dual pretensioners; the second-row passenger seats can be configured with the non-pretensioning non-force-limiting seat belts and pretensioning force-limiting seat belts; and the seats in third row can be configured with three-point belts.

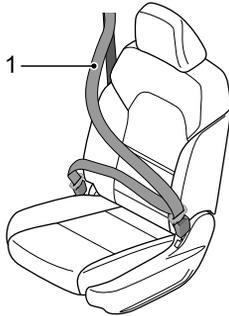


Insert the locking tab into the buckle until a distinct click is heard, which indicates the belt is locked.

Before You Drive

Adjustable seat belt with pretensioner (Shoulder belt pretensioner)

In the event of serious collision accident, the pretensioner (integrated into the retractor) will be activated by the sensor, the shoulder belt (1) will be contracted a little immediately to prevent the occupants from moving forward and make them seated securely, so that it improves the function of the seat belt further.

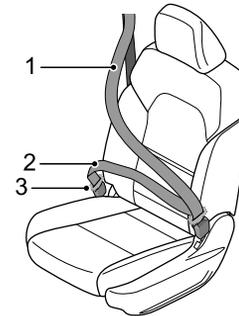


Adjustable seat belt with dual pretensioners (Shoulder / Lap belt pretensioner)

In the event of serious collision accident, the dual pretensioners (one integrated into the retractor, the other integrated into the side lap belt pretensioner) will be activated by the sensor, the shoulder belt (1) and the lap belt (2) will be contracted a little immediately at the same time to prevent the occupants from moving forward and make them seated securely, so that it improves the function of the seat belt further.

Caution

The outer locking tab (3) does not need to be unlocked in the daily use. The outer locking tab (3) needs to be unlocked by using special tools, please ask our service dealer to unlock it, if necessary.



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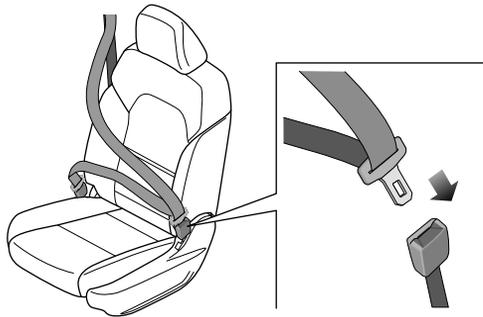
Front seat belt

Fastening

The seat belt is pulled out slowly, passes through the shoulder to be fastened in front of the body, verify that the belt is not twisted or tied, then push the locking tab into the buckle until a click is heard.

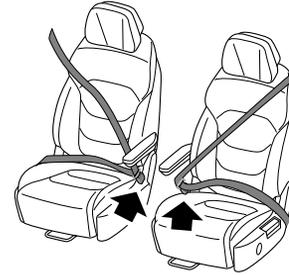
Loosening

Press the red button on the buckle, then the locking tab will pop out under the action of the elastic force. Push the locking tab back manually, so that the automatic seat belt retractor can contract the whole seat belt more easily.



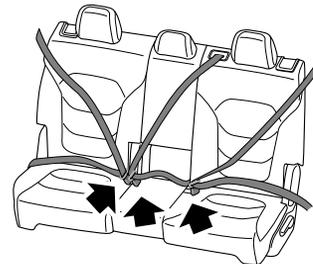
2nd row dual seat belts

The fastening and loosening methods for the 2nd row dual seat belts are the same as that for front seat belts.



2nd row triple seat belts

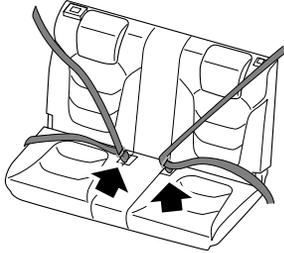
The fastening and loosening methods for the 2nd row triple seat belts are the same as that for front seat belts.



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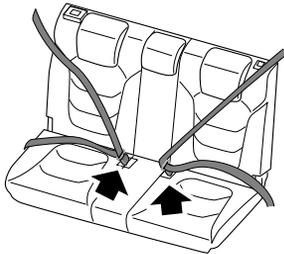
3rd row dual seat belts

The fastening and loosening methods for the 3rd row dual seat belts are the same as that for front seat belts.



3rd row triple seat belts on both sides

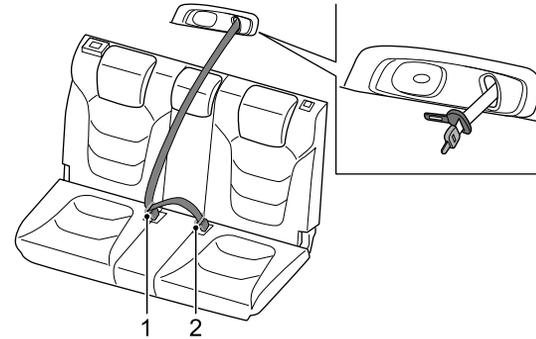
The fastening and loosening methods for the 3rd row triple seat belts on both sides are the same as that for front seat belts.



Roof-mounted seat belt of the middle seat of the 3rd row triple seat

Fastening

Pull the seat belt out of the roof, push the fixed tab (2) into the left buckle, then the movable tab (1) is passed through the abdomen and pushed into the right buckle.

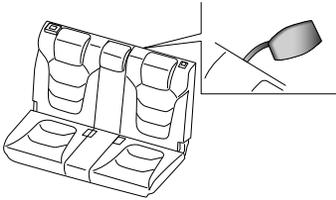


Seat belt comfort guide

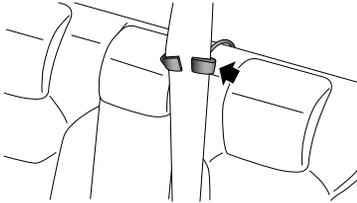
The seat belt comfort guide is attached to the shoulder belt to keep the shoulder belt away from the head of left occupant.

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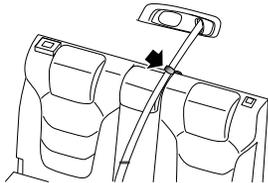
Take out the guide from the seat backrest pocket.



Place the guide on the shoulder belt, and then insert both sides of the belt into the slot of the guide.



Ensure that the seat belt is smooth, and the guide must be at the upper part of the seat belt.



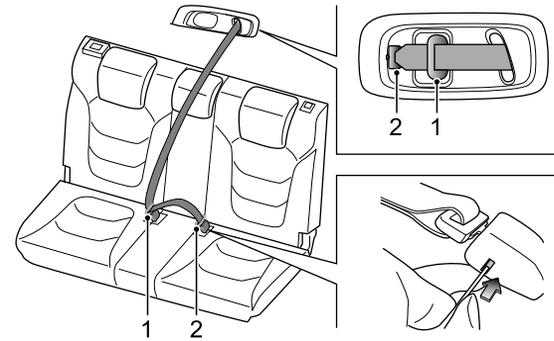
Loosening

To recover the seat belt comfort guide, squeeze both sides of the seat belt, and take out the guide from the seat belt. And put the guide into the seat backrest pocket.

1

The movable tab (1) is unlocked by pressing the red button on the right buckle.

The fixed tab (2) can be drawn out by inserting the key or other sharp objects into the left buckle unlocking hole. Push the locking tab back manually, so that the automatic seat belt retractor can contract the whole seat belt more easily.

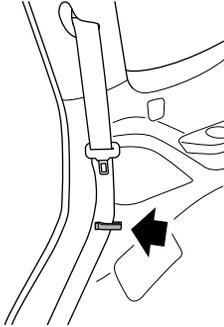


Note: When the seat belt is retracted into the roof, the locking tab can be clamped onto the roof.

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Side seat belt plastic hook

The 2nd/3rd row side seat belts can be snapped into the side seat belt hooks when not in use.



Seat belt warning light

Please refer to "Warning lights and indicators" in this section for the specific description of the "Seat belt warning light".

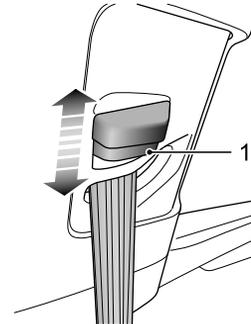
Seat belt height adjustment

! Ensure that the slide adjuster is secure after making an adjustment.

Do not adjust the height of the driver seat belt while driving, as the control of vehicle may be lost.

Only the height of the driver seat and front passenger seat lap-shoulder belt can be adjusted.

Press the button (1) up and slide the height adjuster on the top of seat belt up and down to suit the height of the occupant. Release the button (1) at the proper position, and pull the seat belt forcibly to ensure that the height adjuster is locked reliably.



Seat belt pretensioner

 Do not damage or repair a pretensioner. It contains an ignition device, so that any maintenance can only be carried out by our service dealer.

Pretensioners will not function after activation and must be replaced. In the event of a collision, ensure that the pretensioner and all seat belt components have been maintained by our service dealer.

The seat belt pretensioner works together with the airbag to reduce the risk of injury in the event of a frontal impact. Please refer to "Airbag" in this chapter for more information.

Airbag(s)

 No safety system can provide complete protection to avoid personal injury or death in a severe crash. Injuries or death can occur, even if seat belts are worn properly and the airbags are inflated.

After inflation some airbag components are hot - Do NOT touch until they have cooled.

An airbag is inflated with considerable force and can cause facial abrasions and other injuries. These effects can be minimized by ensuring that you and your occupant(s) are wearing seat belts.

The driver seat should be adjusted to be as far rearwards as possible while maintaining the proper control of the vehicle.

Always hold the steering wheel by its rim, so that the airbag can be inflated without obstruction.

Never attach accessory items e.g. a mobile phone bracket, cup holder, cassette tray, etc. to the steering wheel cover or the airbag module cover, or stick/insert anything to an airbag module cover. Otherwise, these objects could interfere with inflation of the airbag, or after the airbag is inflated, they will be propelled into the vehicle to cause injury to occupants.

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Do not allow a passenger to obstruct the deployment of the airbag by putting feet, knees, etc. in contact with, or in close proximity to the airbag module cover.

It is forbidden to put the seat cover and other related decorative seat items that affect the deployment of seat airbags on the seats equipped with seat airbags.

Do not modify the seats equipped with seat airbags at will. Do not paste any sharp objects on A, B, C and D pillars of the vehicle at will, and modify A, B, C and D pillars, so as to avoid injuries to occupants during the operation of airbags.

The seat belt pretensioner works together with the airbag to reduce the risk of injury in the event of a frontal impact.

Do not attempt to remove or pierce the steering wheel, or hit it violently.

Do not allow another person, animal or object to occupy the space between the driver and the deploying range of the airbag. The same applies to the passenger side if an airbag is fitted.

Do not attempt to maintain the steering wheel, steering column, any airbag system or pretensioner component, or the airbag components with wiring around. Otherwise, it could cause inadvertent activation of the system resulting in personal injury.



Do not modify the front and both left and right sides of the vehicle in any way, as this could adversely affect the airbag deployment.

If the vehicle is to be scrapped, undeployed airbags are potentially dangerous and should be deployed before scrapping. This operation must be done by professional staff.

This vehicle can be equipped with the driver airbag, front passenger airbag, front seat side airbag and side curtain airbag.

Note: *Both the airbag and the pretensioner are supplementary protection device, while the seat belt is still the main protection device and must be worn during driving.*

Caution

- When an airbag is triggered, a loud noise may be heard and a small amount of smoke-like gas and dust will be released. This smoke does not constitute a health hazard. The dust may be an irritant to the skin and therefore should be washed off with soap and water.
- For safety reasons you are recommended to have the airbag(s) renewed by our service dealer every 10 years. If the vehicle is sold, its owner is obliged to notify the purchaser of the cautions and warnings listed. This obligation is met by handing over these instructions (See Warranty & Service Handbook) to the new owner.

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Airbag and pretensioner check

 If the ignition switch is turned on, the warning light is not turned on or not turned off after 6 seconds, or turned on when driving, it indicates that the airbag pretensioner or the airbag is faulty. Contact our service dealer for service as soon as possible.

Each time the ignition switch is turned to "ON" position, the



"Airbag warning light (red)" will illuminate for about 6 seconds, which indicates that the airbag and seat belt pretensioner inspection is in progress; it goes off after about 6 seconds, which indicates that the airbag and seat belt pretensioner are normal.

Airbag deployment

 Incorrect sitting posture or sitting or resting on the place close to the airbag will result in serious and even fatal injuries when the airbag is deployed.

In order to reduce the injuries caused during the airbag deployment, the seat belt must be always worn properly. The driver and front seat passenger must take a good sitting posture, and adjust their seat positions to enable them to be far enough away from the front airbag, so as to avoid causing serious injury or death when the airbag is deployed. For vehicles equipped with side airbags and side air curtains, it is also important to ensure that upper extremities are far enough away from the side of the vehicle, avoiding injuries due to airbag deployment.

When the airbag is deployed, children not properly protected may suffer serious injury and even death. Do not hold a child in your arms or put the child on your knees when riding on a vehicle. Do not allow children to ride on a vehicle without protection, and it is prohibited to extend any part of your body out of the window.

The airbag deployment may cause body surface abrasion or bruise or burns due to explosion.

There must be no obstacle in the airbag inflation channel. It is prohibited to place any object between

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the occupant and the airbag. It is prohibited to fix or place any object on the steering wheel cover or the frontal airbag cover of instrument cluster and its vicinity. It is prohibited to place accessories around the airbag system. If there is obstacle between the occupant and the airbag, the airbag may not be properly inflated, or squeeze the obstacle into the body of occupant, causing serious injury or death.

Do not knock on or crash the positions where the airbag or relevant components locate, to avoid causing serious injury or death due to airbag deployment.

When it is deployed, some airbag components are hot, so do not contact it before it cools down.

In case of a crash, the airbag control module detects the speed change caused by the crash, and determines the airbag deployment based on it. The airbag will deploy instantaneously and powerfully with a loud noise.

When the vehicle is subject to serious frontal impact, fully deployed airbag along with properly worn seat belt can limit the movement of the driver and the front passenger, thereby reducing the risk of injury to the head and chest. For vehicles equipped with side airbags and side air curtains, if the side of vehicle is seriously crashed, fully deployed side airbag will form an air cushion between the occupant and the side of vehicle, thereby reducing the risk of injury to the side of occupant body.

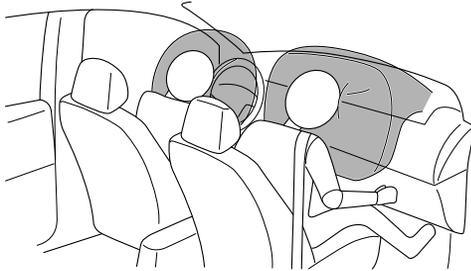
When you are sitting upright in the seat and leaning against the seat backrest, the seat belt and the airbag can provide the most effective protection. In case of a serious crash, the airbag deploys violently. At this moment, if you or other occupant does not properly use the seat belt, and tilts the body forward, reclines or has other incorrect posture, the possibility of serious injury or death in an accident will be high.

Caution

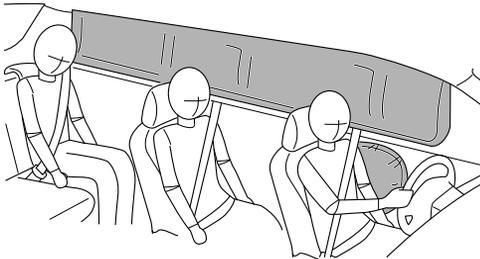
- The airbag cannot protect the lower part of occupant body.
- The airbag is not designed for rear collision or slight frontal impact or vehicle overturn, and it does not work during the emergency braking.
- Airbag deployment and contraction are completed in a very short time, and will not provide protection from effects of possible subsequent second impact.
- Upon deployment, the airbag will shrink immediately to ensure that the driver's forward-looking vision is not blocked.

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- Schematic diagram for deployment area of driver and front passenger airbags



- Schematic diagram for deployment area of side airbags and air curtains



Frontal airbag

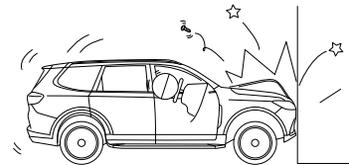
! Do not install the children restraints on the front occupant seat. Frontal airbag deployment will cause serious injury or death to children.

The driver and the front passenger shall not let their feet, knees or other parts of body contact with or get close to the frontal airbag cover

The airbag may deploy in the event of violent jolt or accidental impact to the vehicle chassis. Therefore, be extra careful when driving on a bumpy road, to avoid injuries caused by accidental airbag deployment.

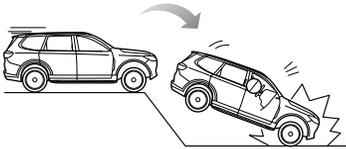
The frontal airbag is designed to deploy in the event of severe front impact or similar collision. The airbag will deploy under any of the following situations or similar situations.

- Front impact at a relatively high speed with a solid wall which cannot move or deform.



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- When the vehicle chassis is seriously damaged. When the vehicle collides with the curbstone, road pavement edge or solid surface, and falls into the deep ditch or deep hole, or violent contact with the ground after vehicle jump may cause serious damage to the chassis.

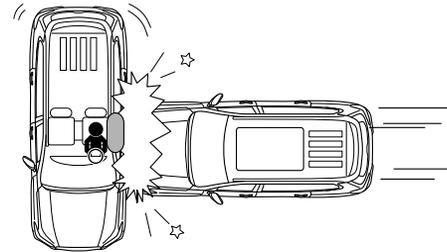


Side airbag

- ⚠ **The structure and material of seat is critical for the operation of airbag. Therefore, do not install the seat cover, which will affect the deployment of side airbag.**

In case of serious side impact, the front seat side airbag on the side subject to impact will pop out from the seat cover and deploy rapidly. The side airbag on the side not subject to impact will not deploy. The side airbag will deploy under any of the following situations or similar situations.

- Side impact occurs between the vehicle and a general passenger car at a relatively high speed.

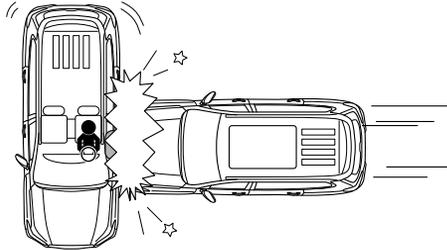


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Side air curtain

In case of serious side impact, the side air curtain on the side subject to impact will pop out from the headliner and deploy rapidly. The side air curtain on the side not subject to impact will not deploy. The side air curtain will deploy under any of the following situations or similar situations.

- Side impact occurs between the vehicle and a general passenger car at a relatively high speed.



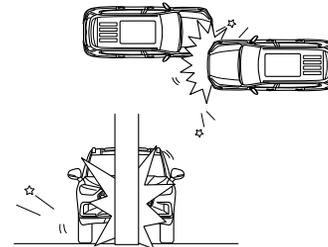
Conditions for airbag deployment

Airbag will deploy based on the crash object, direction and vehicle deceleration caused by crash rather than vehicle speed. When the impact force of crash is absorbed or dispersed on the vehicle body, the airbag may not deploy; but based on the impact condition during the accident, the airbag may sometimes explode. Therefore, damage severity of vehicle shall not be considered as the basis for judgment of airbag deployment.

Frontal airbag

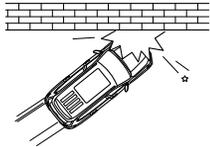
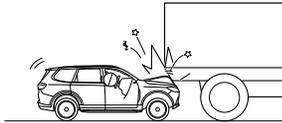
The frontal airbag may not deploy under any of the following situations or similar situations.

- When the impact direction deviates from the center of vehicle.
- When frontal impact occurs with solid electric line pole, traffic sign post, trees and other objects of small area.

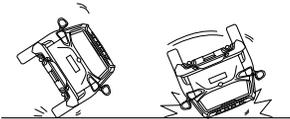


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- Impact with lower part of truck tailgate; drill-in impact with trucks or vehicles with slightly higher chassis.
- Frontal offset impact with guardrail.



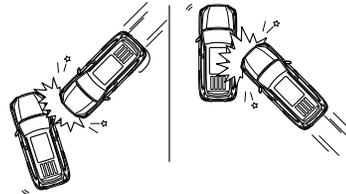
- Side or rear impact.
- Vehicle rollover.



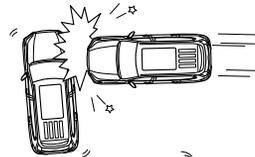
Side airbag and side air curtain

The side airbag and side air curtain may not deploy under any of the following situations or similar situations.

- Impact at a certain angle with the side.
- Side impact with a two-wheel motorcycle.

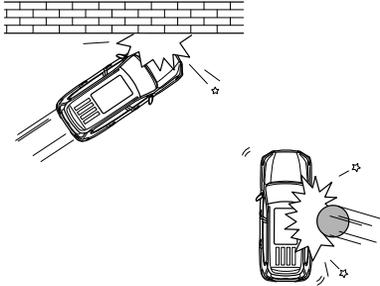


- Side impact with the front compartment of vehicle.
- Side impact with the rear of vehicle.
- Vehicle rollover.



Before You Drive

- Frontal offset impact with guardrail.
- Side impact with a post.



- Frontal impact with a stationary or moving vehicle.
- Rear impact.



Replace airbag system components after a collision accident

! The airbag system could be damaged due to a collision accident. Thus the airbag system cannot operate normally to protect you and occupants in future collision accidents resulting in serious injury even death. To ensure the airbag system remains valid after a collision accident, consult our service dealer to make inspection and necessary replacement of components.

Once the airbag is inflated, it is required to replace the components of the airbag system. Contact our service dealer for service as soon as possible.

Before You Drive

Event data recorder (EDR)

Note: *It applies to vehicles configured with event data recorder (EDR).*

This vehicle is equipped with an event data recorder (EDR). The main function of EDR is to record the data of vehicle movement and safety system status within a short time during collision or near collision, which can be used to reproduce the state of the vehicle before, during and after collision, such as vehicle speed, throttle opening, and brake pedal depth. The EDR data extraction tool reads data based on the 11-bit CAN identifier, and reads the EDR data by using the 2216 "Reading data by data identifier" service in 11.2 of ISO 14229-1:2020 by means of physical addressing. The data can be read from the airbag controller with our dedicated after-sales scan tool. You can log in to the corresponding link of our official website to purchase the EDR data reader.

Child restraints (not supplied with the vehicle)



DEATH or SERIOUS INJURY may occur!

Children under the age of 12 can be killed by the airbag. NEVER use a child or infant restraint that faces backward on the front seat and the expanded airbag will cause serious child or infant injury and even death. Sit as far back as possible from the airbag.



When fitting and using a child restraint, always follow the manufacturer's instructions.

As a child is much easier to be injured by the expanded airbag than an adult, so a child under 12 years old is suggested taking the rear seat. Usually, infants under 2 years old shall use an infant restraint and children under 2-4 years old shall use the child restraint. Infant or child restraints are commercially available.

Because there are various size and types of infant or children restraints, you are recommended to choose the suitable protection device depending on the infant's or children's age

Before You Drive

and weight to achieve the best protection. At the same time, you shall check that the restraint is suitable for your vehicle as well.

Child restraint anchor

This vehicle has two ISOFIX standard interfaces on the 2nd row single seat and one TOP TETHER interface on the seat back panel; it has four ISOFIX standard interfaces on the 2nd row triple seat and three TOP TETHER interfaces on the seat back panel; please observe the instructions provided by the child restraint seat manufacturer for removal and installation.

Installation methods for child restraints

- 1 Route the top tether strap over the seatback and attach to the corresponding child restraint anchorage hook, being careful not to twist the strap. When securing, you must make sure that the top strap passes through the seat headrest(This step only applies to those models with TOP TETHER anchorage). Unless using ISOFIX lower anchorages, use the seatbelt complete the installation in line with the child restraint manufactures instructions.
- 2 Insert the child restraint into the ISOFIX retaining rings until it is engaged reliably, the heard "click" sound indicates that it is installed in place.
- 3 When ISOFIX is correctly connected, press down the child restraint with your body and tighten the ISOFIX tether to fix the seat firmly on the vehicle.

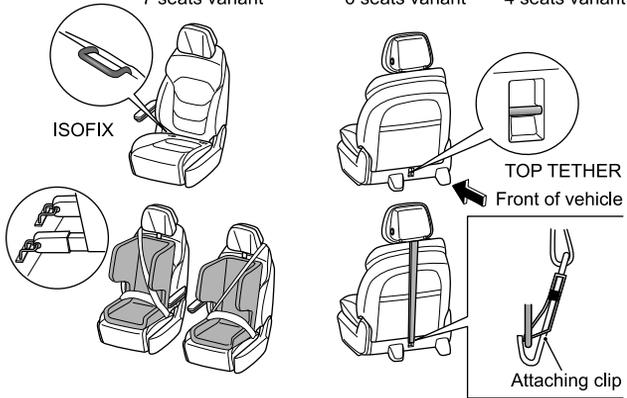
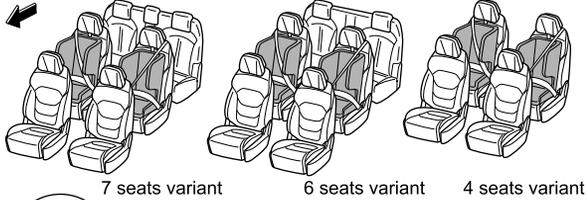
Caution

It is preferable to fit the infant or child restraint on the rear seat. In the case the infant or child restraint must be positioned on the front seat while the vehicle is in motion, the infant or child restraint must face forward. No matter in which location, ensure that the infant or child restraint is properly secured. Note that an unsecured infant or child restraint may move and run into other passengers when any crash or heavy braking occurs. Even if there is no infant or child, any infant or child restraint must be properly secured in the vehicle.

Before You Drive

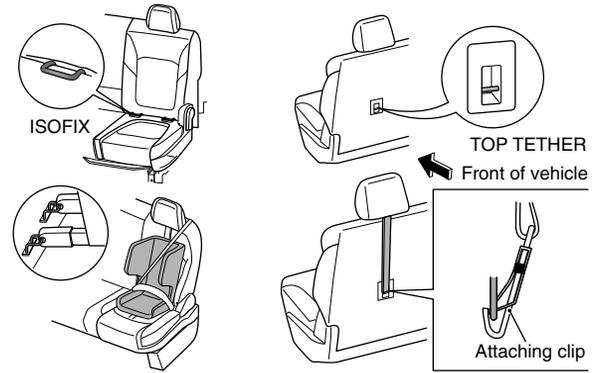
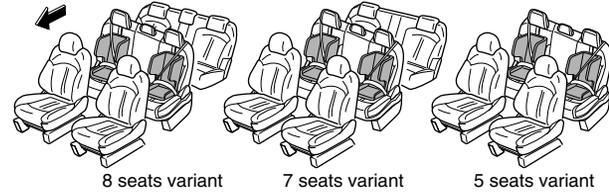
2nd row seat (Type 1)

Front of vehicle



2nd row seat (Type 2)

Front of vehicle



Before You Drive

Child restraint groups and installation position

Only approved child restraints suitable for children are allowed. The children with the body height above 1.5 meters can directly use the seat belts of the vehicle. The child restraints shall conform to the relevant regulations or standards, such as ECE-R44 and ECE-R129 (European regulations), and GB27887-2011 (Chinese regulations).

Applicability of child restraints in different seating positions

Mass group	Seating positions			
	1st row	2nd row left	2nd row right	3rd row
0group (less than10kg)	X	U	U	X
0+group (less than13kg)	X	U	U	X
Igroup (9 ~ 18kg)	X	U	U	X
IIgroup (15 ~ 25kg)	X	U	U	X
IIIgroup (22 ~ 36kg)	X	U	U	X

Note: The meaning of the letters in the table is as follows:

U = Suitable for universal child restraint systems approved for this mass group.

X = Seat position not suitable for child restraint systems in this mass group.

Before You Drive

Adaptability of ISOFIX child restraints in different ISOFIX positions

Mass group	Size category	Fixture	ISOFIX position in the vehicle			
			1st row	2nd row left	2nd row right	3rd row
Carry-cot	F	ISO/L1	Without ISOFIX device	IL	IL	Without ISOFIX device
	G	ISO/L2		IL	IL	
0group (less than 10kg)	E	ISO/R1		IL	IL	
0+group (less than 13kg)	E	ISO/R1		IL	IL	
	D	ISO/R2		IL	IL	
	C	ISO/R3		IL	IL	
Igroup (9 ~ 18kg)	D	ISO/R2		IL	IL	
	C	ISO/R3		IL	IL	
	B	ISO/F2		IUF	IUF	
	B1	ISO/F2X		IUF	IUF	
	A	ISO/F3	IUF	IUF		

Note: The meaning of the letters in the table is as follows:

IUF = Suitable for universal ISOFIX forward-facing child restraint systems approved for this mass group.

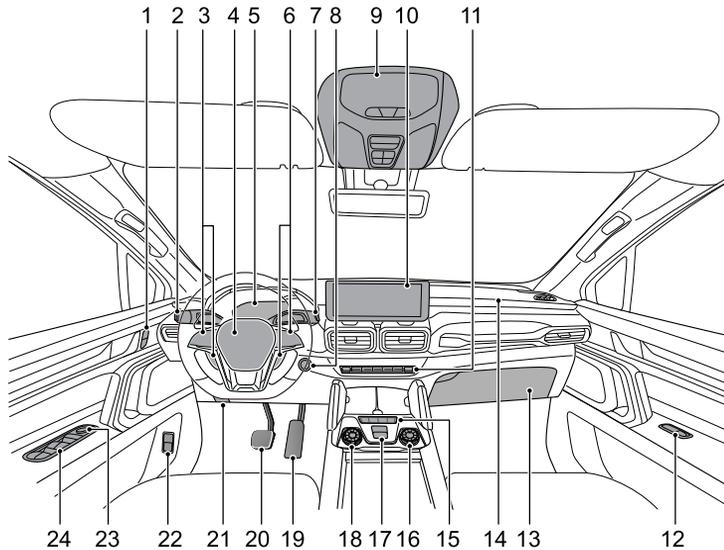
IL = Suitable for particular ISOFIX child restraint systems given in the list. These child restraint systems may be those of the specific vehicle, restricted or semi-universal categories.

Note: For universal and semi-universal child restraints, ISOFIX size categories can be divided into A-G, and these classification information can be found on ISOFIX child restraints. The currently recommended ISOFIX child restraints for 0+ group is Britax Romer Baby Safe Plus; the currently recommended ISOFIX child restraints for I group is Britax Romer Duo Plus.

Note: The currently recommended ISOFIX child restraints for II-III group is KidFix XP.

Before You Drive

Instruments and controls



- 1 Central lock switch
- 2 Wiper and washer, high beam, turn signal lever switch
- 3 Instrument cluster selection and cruise switch, downshift paddle
- 4 Driver airbag
- 5 Instrument cluster
- 6 Voice control, Bluetooth phone, steering wheel heating and custom settings switch, upshift paddle
- 7 Shift lever
- 8 Ignition switch
- 9 Front roof vanity light switch, power tailgate switch, tailgate garage mode switch, power window switch
- 10 Entertainment system
- 11 Entertainment system HOME button, front A/C control switch, hazard warning light switch
- 12 Right front door window control switch
- 13 Glove box
- 14 Front passenger airbag
- 15 Engine auto stop/start system switch, EDL switch
- 16 All-terrain system (ATS) mode switch
- 17 EPB (electronic parking brake) switch
- 18 4WD system switch, crawl control switch
- 19 Accelerator pedal
- 20 Brake pedal
- 21 Hood release switch
- 22 Fuel filler flap release switch
- 23 Exterior rearview mirror power adjustment switch, rear door window disable switch
- 24 Left/right front door window control switch, left/right rear door window control switch

Before You Drive

Instrument cluster

Simple theme (single-dial instrument)



- 1 Speedometer
- 2 Tachometer
- 3 Fuel gauge
- 4 Engine coolant temperature gauge

Caution

Don't place any object in front of the instrument cluster to avoid shielding dial and warning light.

Speedometer

The speedometer indicates the current road speed in kilometers per hour.

Caution

According to local laws and regulations, when your vehicle speed exceeds a certain value (eg.120 km per hour), the instrument cluster will display an overspeed alarm reminder, please appropriate to reduce the speed.

Classic theme (double-dial instrument)



Tachometer

The tachometer indicates the engine speed in revolutions per minute (x1000).

Before You Drive

Caution

Never allow the pointer to remain in the red sector of the gauge for prolonged periods, otherwise the engine may be damaged.

Fuel gauge

Indicates the approximate amount of fuel in the tank. If the "low fuel level warning light (yellow)" stays on or illuminates, please refuel as soon as possible.

Engine coolant temperature gauge

Indicates the approximate engine coolant temperature. If the coolant overheats, the "engine coolant temperature warning light (red)" will illuminate.

Caution

If the red warning light illuminates, stop the engine as soon as possible to cool the coolant. Check the engine cooling system.

Note: For vehicles with diesel engine which are equipped with low coolant warning function, when the coolant level is too low, the red warning light will illuminate with an audible alarm. Please stop the vehicle as soon as safety permits, shut down the engine, and contact our service dealer for checking the engine cooling system.

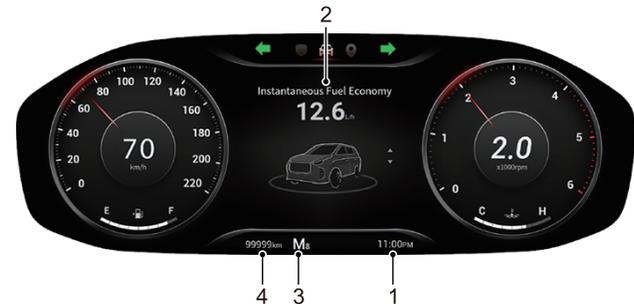
Message center

Function and operation

Simple theme (single-dial instrument)



Classic theme (double-dial instrument)



Before You Drive

- 1 Current time
- 2 Trip computer, fault inquiry and pop-up warning message interfaces
- 3 Gear display
- 4 Total mileage

Short press the ◀ or ▶ button on the instrument cluster selection



switch on the steering wheel to switch the following interface contents: trip computer interface → navigation map interface (if equipped) → multi-media interface (if equipped) → bluetooth telephone interface (if equipped) → active safety interface (if equipped) → fault inquiry interface (in case of failure) → trip computer interface.

Trip computer interface

Short press the ▲ or ▼ button on the instrument cluster



selection switch on the steering wheel to switch between the following interface contents:

- Instantaneous fuel consumption
Displays the instantaneous fuel consumption in the current engine operation.
- Driving mileage
Displays the estimated mileage that the vehicle can run before the fuel tank is empty. After refueling, the mileage will

be updated accordingly. When the fuel level is too low, "fuel insufficient" is displayed.

- Message since start

It displays the trip, average speed, driving time and average fuel consumption since the ignition switch is turned on.

- Message since reset

Displays the trip, average speed, driving time and average fuel consumption since last reset.

In this interface, long press the OK button on steering wheel to reset the trip, average speed, driving time and average fuel consumption.

- Tire pressure monitoring

In normal mode, it displays the current tire pressure in real time.

- Remaining maintenance mileage

This message reminds you of the remaining mileage of your vehicle before the next maintenance.

Note: If the vehicle is not equipped with the relevant function, the interface will not be displayed.

Navigation map interface (if equipped)

It displays the current navigation information.

Multi-media interface (if equipped)

It displays current music/radio program information.

Bluetooth telephone interface (if equipped)

It displays the communication interface information.

Active safety interface (if equipped)

It displays the information related to the driver assistance.

- Self-adaptive cruise control (if equipped)
- Lane departure (if equipped)
- Lane keeping (if equipped)
- Emergency braking (if equipped)
- Speed limit sign (if equipped)
- Forward collision warning (if equipped)
- Blind spot monitoring (if equipped)

Fault inquiry interface

Short press the  or  button on the instrument cluster



selection switch on the steering wheel to inquire the relevant fault messages for vehicle warning in this interface (if there is no fault, the interface will not be displayed).

Alarm messages

Most of alarm messages will have a corresponding graphic and text description in the instrument cluster. If more than one alarm message is activated, the new alarm message will be first displayed for 9 seconds, then the alarm messages will be displayed in a cycle; each alarm message will be displayed for 3 seconds.

Please operate in strict accordance with the instructions in the alarm message. If there is no relevant instructions, please stop the vehicle for inspection or consult our service dealer.

Important alarm messages

The currently displayed important alarm message can be temporarily canceled by short pressing the OK button on steering wheel. If the alarm is not lifted, it can also be viewed in the alarm inquiry interface after canceled.

Caution
For the user's safety, when the door is open, the alarm message cannot be canceled by short pressing the OK button on steering wheel. The user must close the door and enter the trip computer interface to perform relevant operations.

If all the alarm messages are canceled, the trip computer message will be displayed normally. When the conditions of alarm activation are canceled, the corresponding alarm messages are also canceled to display.

Before You Drive

Indicative messages

Indicative messages disappear automatically after 3 seconds.

Caution

Don't neglect the alarm messages, otherwise it may cause serious damage to the vehicle. If the alarm indicator is on, please stop the vehicle as soon as possible if it is safe to do so.

Service interface reminders

Next maintenance reminder

When the message center of instrument cluster displays “XXkm remained before the next maintenance”, it reminds you of the remaining mileage of your vehicle before the next maintenance.

Imminent maintenance reminder

When the message center of instrument cluster displays “Maintenance period is imminent, please make maintenance as soon as possible”, it reminds you to go to our service dealer for maintenance as soon as possible.

Service now reminder

When the message center of instrument cluster displays “Please make service now”, it reminds you that the vehicle needs service now and you should go to our service dealer for maintenance as soon as possible.

Maintenance overdue reminder

When the message center of instrument cluster displays “Maintenance is overdue, please make maintenance as soon as possible”, it reminds you that the vehicle maintenance is overdue and you should go to our service dealer for maintenance immediately.

Fatigue driving monitoring and reminder

 **Fatigue driving monitoring and reminder function is used to remind the driver not to drive when tired. The system will record the time of continuous driving, and monitor the inputs of steering wheel in real time, to determine whether the driver needs to have a rest.**

Fatigue reminder

While driving, if the system monitors that the time of continuous driving exceeds 2 hours and the speed is greater than 5 km/h, the message center of instrument cluster will display “Extended period of driving, please take a break!” with voice prompt. The message suggests the driver to rest for a while, so please stop the vehicle to have a rest.

Caution

- Do not drive if tired. The driver shall be always responsible for his/her competency.
- When driving for a long time, the regular and sufficient rest is required.
- The system can not always identify the situation that requires the driver to have a rest in all conditions.

Tire pressure monitoring system

The tire pressure monitoring system automatically monitors the tire conditions in real time, providing effective safety guarantee for driving.

When the tire pressure is insufficient or the tire leaks quickly in

the course of driving, the "TMPS warning light (yellow)"  on the instrument pack illuminates with voice prompt, and the instrument display shows the corresponding alarm interface.

Before You Drive

Warning lights and indicators

Direction indicator



The left or right "direction indicators (green)" flash when making a turn. When the hazard warning light switch is pressed, the left and right direction indicators flash simultaneously.

Note: If a direction indicator flashes rapidly, it indicates that the bulb in this direction indicator is faulty.

Headlight high beam indicator



The "headlight main beam indicator (blue)" illuminates when the headlights are on high beam or flash on.

Rear fog light indicator



The "rear fog light indicator (yellow)" illuminates when the rear fog lights are on.

Position light indicator



The "position light indicator (green)" illuminates when the position lights are on.

Engine immobilizer warning light



When the ignition switch is turned to "ON" position, if the engine immobilizer authentication is successful, the "engine immobilizer warning light (yellow)" will go out and the engine can be started.

If the "engine immobilizer warning light (yellow)" flashes, it indicates that the immobilizer control system is faulty, the engine can not be started, please contact our service dealer for service immediately.

Brake system warning light



When the ignition switch is turned to "ON" position, if the brake fluid level is abnormal or the brake system breaks down, the "brake system warning light (red)" will illuminate. Please immediately stop the vehicle safely, and contact our service dealer for service as soon as possible. Please refer to "Brake system" in the Starting and Driving section for more information.

ABS (Anti-lock Brake System) warning light



When the ignition switch is turned to "ON" position, if the "ABS warning light (yellow)" illuminates while driving, it indicates that the ABS is faulty. Please contact our service

dealer for service as soon as possible. Please refer to “Brake system” in the Starting and Driving section for more information.

EBD (Electronic Brake Distribution) warning light



When the ignition switch is turned to "ON" position, if the "EBD warning light (red)" illuminates while driving, it indicates that the brake system is faulty. Please contact our service dealer for service as soon as possible.

ESC (Electronic Stability Control) indicator



When the ignition switch is turned to "ON" position, "ESC indicator (yellow)" flashes when the electronic stability control system is operating. If the indicator illuminates, it indicates that the electronic stability control system is faulty, please contact our service dealer for service as soon as possible. Please refer to “Brake system” in the Starting and Driving section for more information.

ESC (Electronic Stability Control) OFF indicator



When the ignition switch is turned to be "ON" position, if the ESC OFF switch is pressed to disable the ESC function, the "ESC OFF indicator (yellow)" will illuminate.

HDC (Hill Descent Control) indicator



When the ignition switch is turned to "ON" position, and the HDC enables, the "HDC indicator (green)" illuminates. When HDC is activated, the "HDC indicator (green)" flashes.

With the vehicle powered, when the HDC function is faulty, the "HDC indicator (yellow)" will illuminate. Please refer to “Brake system” in the Starting and Driving section for more information.

EPB (Electronic Parking Brake) indicator



When the ignition switch is turned to "ON" position and the electronic parking brake enabled, when the parking brake is applied, the "EPB (Electronic Parking Brake) indicator (red)" will illuminate and immediately go out after the parking brake is fully released.

EPB (Electronic Parking Brake) malfunction warning light



When the ignition switch is turned to "ON" position, if the "EPB (Electronic Parking Brake) malfunction warning light (yellow)" illuminates, the brake system is faulty. Please immediately stop the vehicle safely, and contact our service dealer for service as soon as possible. Please refer to “Brake system” in the Starting and Driving section for more information.

AUTO HOLD indicator

**AUTO
HOLD**

When the ignition switch is turned to "ON" position and the AUTO HOLD function enabled, the "AUTO HOLD indicator (white)" will illuminate; when the AUTO HOLD is activated, the "AUTO HOLD indicator (green)" will illuminate.

AUTO HOLD has memory capacity. When the AUTO HOLD function is enabled and the driver unfastens the seat belt, the "AUTO HOLD indicator (white)" goes out, but the function enabling state is still memorized by the AUTO HOLD system. In this case, the AUTO HOLD function can be enabled again simply by fastening the seat belt.

With the ignition switch in "ON" position and the AUTO HOLD enabled, when the AUTO HOLD function is faulty, the "AUTO HOLD indicator (yellow)" will illuminate.

Please refer to "Brake system" in the Starting and Driving section for more information.

4WD malfunction warning light

4WD

When the ignition switch is turned to "ON" position, "4WD malfunction warning light (red)" illuminates or illuminates during driving, it indicates that the 4WD system is faulty, please contact our service dealer for service as soon as possible. Please refer to "Super All Wheel Control (S-AWC) system" in the Starting and Driving section for more information.

All-terrain system (ATS) malfunction warning light



When the ignition switch is turned to "ON" position, "ATS malfunction warning light (red)" illuminates or illuminates during driving, it indicates that the ATS system is faulty, please contact our service dealer for service as soon as possible. Please refer to "All-Terrain System (ATS)" in the Starting and Driving section for more information.

Electronic differential lock (EDL) indicator



When the ignition switch is turned to "ON" position, and the EDL front lock is successfully locked,

the "EDL front lock indicator (green)"  illuminates. When the EDL central lock is successfully locked, the "EDL

central lock indicator (green)"  illuminates. When the EDL rear lock is successfully locked, the "EDL rear lock

indicator (green)"  illuminates.

If the "EDL indicator (green)" fails to go out or illuminate when the user operates the EDL switch, or if the "EDL indicator (red)" illuminates, it indicates that the EDL system is faulty, please stop the vehicle immediately, and contact our service dealer for service as soon as possible. Please refer to "Electronic

Before You Drive

Differential Lock (EDL)" in Starting and Driving section for more information.

CCO (crawl control) indicator

Note: *It applies to vehicles configured with crawl control system.*



When the ignition switch is turned to "ON" position, and CCO enabled, if the CCO system is in standby, the "CCO indicator (white)" will illuminate; when the CCO system is activated, the "CCO indicator (green)" will illuminate. When the CCO system is faulty, the "CCO indicator (yellow)" will illuminate. Please refer to "Crawl control system" in the Starting and Driving section for more information.

EPS (electric power steering) system malfunction warning light



When the ignition switch is turned to "ON" position, if the "EPS system MIL (yellow)" illuminates, it indicates that the electric power steering system is in general failure, with the performance decreased, please stop the vehicle as soon as safety permits. If the light stays on after restarting the vehicle and driving for a short moment, please contact our service dealer for service as soon as possible; if the "EPS system MIL (red)" illuminates, it indicates that the electric power steering system is in serious failure, please immediately stop the vehicle

safely, and contact our service dealer for service as soon as possible.

Battery charging indicator



When the ignition switch is turned to "ON" position, the "battery charging indicator (red)" illuminates, and goes off after the engine is started.

Caution

If the warning light stays on after the engine is started or illuminates during driving, it indicates that the charging system is faulty, please contact our service dealer for service as soon as possible.

Airbag warning light



When the ignition switch is turned to "ON" position, if the "airbag warning light (red)" illuminates or flashes, it indicates that the airbag system is faulty. Contact our service dealer for service as soon as possible.

Seat belt warning light

Note: *This vehicle can be equipped with the front passenger seat belt unfastened warning functions, which shall be subject to the actual configuration of the vehicle you purchased.*

Before You Drive



When the ignition switch is turned to "ON" position, if the driver seat belt is not fastened correctly, the "seat belt warning light (red)" will illuminate. When the speed is higher than 22 km/h, if the driver seat belt is not correctly fastened, the instrument cluster will activate a seat-belt-unfastened audible warning, and the "seat belt warning light (red)" will flash for about 90 seconds. When the seat belt is fastened, the "seat belt warning light (red)" goes out and the audible warning stops. When the vehicle is in reverse gear or the speed is lower than 10 km/h, if the driver seat belt is not correctly fastened, the instrument cluster will not activate any audible warning, while the "seat belt warning light (red)" will illuminate. When the seat belt is fastened, the "seat belt warning light (red)" goes out.

When the ignition switch is turned to "ON" position, if the front passenger seat belt (equipped with front passenger seat belt unfastened warning function) is not fastened properly, the "seat belt warning light (red)" will illuminate. When the speed is higher than 22 km/h, if the front passenger seat belt is not correctly fastened, the instrument cluster will activate a seat-belt-unfastened audible warning, and the "seat belt warning light (red)" will flash for about 90 seconds. When the seat belt is fastened, the "seat belt warning light (red)" goes out and the audible warning stops. When the vehicle is in reverse gear or the speed is lower than 10 km/h, if the front passenger seat belt is not correctly fastened, the instrument cluster will not activate any audible warning, while the "seat belt warning light

(red)" will illuminate. When the seat belt is fastened, the "seat belt warning light (red)" goes out.

Note: Opening the door will reset the time when the seat belt warning light flashes. Front passenger seat belt unfastened warning function can only be triggered when there is passenger on the seat.

Emission MIL



When the ignition switch is turned to "ON" position, the "emission MIL (yellow)" illuminates and goes out after the engine is started. If the warning light illuminates, it indicates that the engine performance and the emission system are faulty. Please contact our service dealer for service as soon as possible, meanwhile, avoid too high engine speed or fast acceleration.

Engine malfunction warning light



When the ignition switch is turned to "ON" position, if the "engine malfunction warning light (yellow)" illuminates after the engine is started, it indicates that the engine-related parts are faulty. Contact our service dealer for service as soon as possible.

Engine coolant temperature warning light



When the ignition switch is turned to "ON" position, if the coolant overheats, the "engine coolant temperature warning light (red)" will illuminate. For vehicles with diesel engine which are equipped with low coolant warning function, when the coolant level is too low, the red warning light will illuminate with an audible alarm.

Caution

If the red warning light illuminates, please stop the vehicle as soon as safety permits, shut down the engine, to reduce the coolant temperature, and contact our service dealer for checking the engine cooling system.

Transmission MIL



When the ignition switch is turned to "ON" position, when the transmission fails, the "Transmission MIL (yellow)" illuminates. When the transmission fault is eliminated, the "Transmission MIL (yellow)" goes out.

TPMS warning light



When the ignition switch is turned to "ON" position, if the tire pressure monitoring system breaks down, the "TPMS

warning light (yellow)" will illuminate. Please contact our service dealer for service as soon as possible.

Oil pressure warning light



If the "Oil pressure warning light (red)" illuminates after the engine is started or during driving, it indicates that the oil pressure is faulty. Please shut down the engine immediately and check the oil level. Please refer to "Engine oil" in Maintenance and Service section.

Caution

Even if the oil level is normal, do not restart the engine, please contact our service dealer for service as soon as possible.

Low fuel warning light



When the ignition switch is turned to "ON" position, if the "Low fuel level warning light (yellow)" stays on or illuminates, please refuel as soon as possible.

Before You Drive

Auto stop/start system indicator

Note: It applies to vehicles with auto stop/start system.



When the ignition switch is turned to "ON" position, the start/stop system is enabled, while the conditions for start/stop are not met, the "auto stop/start system indicator (white)"  illuminates.

With the ignition switch in ON position and the start/stop system enabled, if the engine shuts down automatically, the "auto stop/start system indicator (green)"  illuminates.

With the ignition switch in ON position and the start/stop system enabled, if the start/stop system breaks down, the "auto stop/start system indicator (yellow)"  illuminates.

Please refer to "Auto stop/start system" in the Starting and Driving section for more information.

Glow plug indicator

Note: It applies to vehicles equipped with diesel engine.



When the ignition switch is turned to "ON" position, if the "glow plug indicator (yellow)" goes out after the preset time has elapsed, the engine can be started.

Caution

If the indicator stays on after the engine is started, please contact our service dealer for service as soon as possible.

Fuel filter water level warning light

Note: It applies to vehicles equipped with diesel engine.



When the ignition switch is turned to "ON" position, if "Fuel filter water level warning light (yellow)" illuminates during driving, please stop the vehicle as soon as possible and drain water from the fuel filter; if the water is not drained in time, it will cause engine to produce torque limiting. Refer to the "Water Draining of Fuel Filter" in the Treatments to Emergency Fault for the information on the water draining of the fuel filter.

DPF (Diesel Particulate Filter) warning light

Note: It applies to vehicles equipped with diesel engine.



When the ignition switch is turned to "ON" position, and the "DPF (Diesel Particulate Filter) warning light (yellow)" stays on, if the DPF gives Level I alarm, it indicates that the

DPF tends to be overloaded, and the vehicle should be driven for about 20 min at high speed (greater than 60 km/h) in safe and legitimate conditions, or stopped when the surrounding environment is safe before pressing the DPF virtual button switch on the center console screen for in-situ regeneration; when the DPF warning light flashes, if the DPF gives Level II alarm, it indicates that the DPF is blocked, and automatic regeneration cannot be performed; please park the vehicle when the surrounding environment is safe and press the DPF virtual button switch on the center console screen for in-situ regeneration. See "Catalytic converter" in Starting and Driving section for details.

Cruise control indicator



When the ignition switch is turned to "ON" position, if the cruise system is in standby, the "cruise control indicator (white)" illuminates; if the cruise system is active, the "cruise control indicator (green)" illuminates. Please refer to "Cruise control system" in Starting and Driving section for more information.

FCW (Forward Collision Warning)/AEB (Automatic Emergency Braking) warning light



When the ignition switch is turned to "ON" position, and the FCW system is operating, if the AEB system does not give an alarm, the "FCW/AEB warning light (yellow)" will flash; when the

ignition switch is turned to "ON" position, if the AEB system gives an alarm, the "FCW/AEB warning light (red)" will flash. Please refer to "FCW (Forward Collision Warning) and AEB (Automatic Emergency Braking)" in the Starting and Driving section for more information.

LDW (Lane Departure Warning)/LKA (Lane Keep Assist) warning light

Note: It applies to vehicles equipped with LDW and LKA.



When the ignition switch is turned to "ON" position, and LDW and LKA are on standby, the "LDW/LKA warning light (white)" will illuminate.

When LDW and LKA give an alarm or are triggered, "LDW/LKA warning light (yellow)" will flash.

When LDW and LKA are disabled, the "LDW/LKA warning light (yellow)" will illuminate.

If the warning light illuminates in yellow when LDW and LKA are enabled, it indicates that LDW and LKA break down. Please contact our service dealer for service as soon as possible.

Please refer to "LDW (Lane Departure Warning)/LKA (Lane Keep Assist)" in the Starting and Driving section for more description of their functions.

Before You Drive

ACC (Adaptive cruise control) indicator

Note: *It applies to vehicles with ACC.*



When the ignition switch is turned to "ON" position, if the ACC system is in standby mode, the "ACC

indicator (gray)"  illuminates; with the ACC enabled, if the ACC system meets the activation conditions, the "ACC

indicator (blue)"  illuminates.

Please refer to "ACC (Adaptive Cruise Control)" in the Starting and Driving section for more description of cruise function.

ICA (Integrated Cruise Assist) indicators

Note: *It applies to vehicles with ICA.*



When the ignition switch is turned to "ON" position and ICA enabled, when the ICA is activated, the "ICA indicator (blue)" illuminates. If ICA is in standby mode, the "ICA indicator (gray)" illuminates.

Please refer to "ICA (Integrated Cruise Assist)" in Starting and Driving section for more descriptions about cruise control function.

SLIF (Speed Limit Information Function) indicator

Note: *It applies to vehicles with SLIF system.*



When the ignition switch is turned to "ON" position, when SLIF is enabled and a traffic sign is detected, the "SLIF warning light" will illuminate. Please refer to "SLIF (Speed Limit Information Function)" in the Starting and Driving section for more information.

IHC (Intelligent High Beam Control) indicator

Note: *It applies to vehicles with IHC.*



When the ignition switch is turned to "ON" position, when IHC system controls the high beam to illuminate, "IHC indicator (blue)" illuminates; when IHC system controls the high beam to go out, "IHC indicator (gray)" illuminates. Please refer to "IHC (Intelligent High Beam Control)" in the Starting and Driving section for more information.

Speed limit indicator

Note: *It applies to vehicles with speed limit indicator. The type of speed limit indicator on your vehicle shall be subject to the actual configuration of the vehicle you purchased.*

Type 1



When the ignition switch is turned to "ON" position, When the vehicle speed is greater than the speed limit, the "speed limit indicator (red)" illuminates with warning sound. When the vehicle speed is less than the speed limit, the "speed limit indicator (green)" illuminates and warning sound stops.

Type 2



When the ignition switch is turned to "ON" position, when the vehicle speed limit function is enabled, the "speed limit indicator (yellow)" illuminates with sound alarm. When the vehicle speed limit function is disabled, the "speed limit indicator (yellow)" goes out and the sound alarm stops.

Trailer indicator

Note: *It applies to vehicles with trailer control module.*

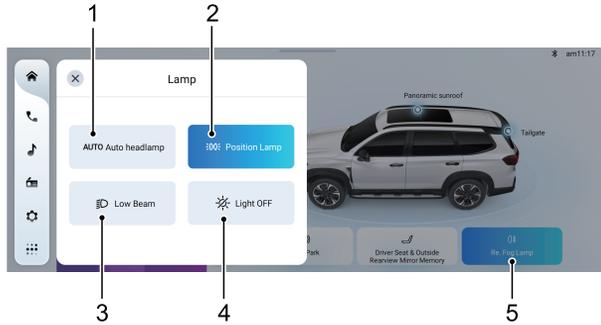


When the ignition switch is turned to "ON" position, the rear trailer is connected successfully, and the turn signals are turned on, the "Trailer indicator (green)" on the instrument cluster will flash. If the rear trailer is not successfully connected, when the turn signals are turned on, the "Trailer indicator (green)" on the instrument cluster will go out.

Exterior light switch

Combination light control switch

Light control switch



The light control switch is located on the center console screen. Switch the light control switch to the positions shown, and the corresponding light illuminates. The daytime running lights automatically illuminate after the vehicle is started.

- 1 **AUTO Auto headlamp**: Headlight control switch. When the headlight is in **AUTO Auto headlamp** position, the headlights turn on or off according to the ambient lighting. The daytime running lights automatically illuminate when other lights are not lit after the vehicle is started.
- 2 **Position Lamp**: Position light switch. When the headlight switch is in Position Light position, the following lights illuminate:

- Position lights
- License plate lights
- Dashboard lights

- 3 **Low Beam**: Headlight low beam switch.

Note: If headlights are on when the vehicle is parked, the battery will discharge, and the vehicle may be unable to restart due to lack of battery power. An audible warning will sound if the headlight switch is on when the vehicle is powered off.

Note: Before the vehicle is powered off, if the headlight control switch is in **AUTO Auto headlamp** position, the headlight control switch is still in **AUTO Auto headlamp** position after the vehicle is powered on again.

Note: Before the vehicle is powered off, if the headlight control switch is not in **AUTO Auto headlamp** position, the headlight control switch is in **Light OFF** position after the vehicle is powered on again.

Note: Please refer to "High beam, turn signal lever switch" in this section for more operation methods of turn signal lights and headlights.

- 4 **Light OFF**: Headlights off.

- 5 **Re. Fog Lamp**: Rear fog light switch. When the vehicle is powered on, the headlight control switch is in High beam or

Before You Drive

1

☰ Low Beam position, and press Re. Fog Lamp switch to turn on the rear fog lights. When the headlight control switch is in **AUTO** Auto headlamp position, and Re. Fog Lamp switch is turned on, the rear fog lights illuminate or go out along with the headlights according to ambient lighting. When the rear fog lights are turned on, the "rear fog light indicator (yellow)" on the instrument cluster illuminates.

Note: Rear fog lights shall not be used until the visibility is obviously restricted (such as heavy fog or snow).

Daytime running light

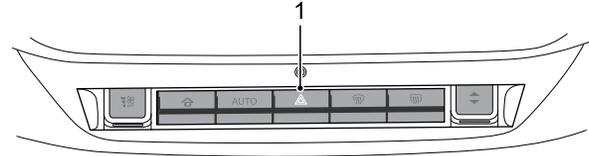
Daytime running lights make it easier for others to see the front of your vehicle clearly during the day.

If your vehicle is equipped with daytime running lights, the daytime running lights will illuminate when the vehicle is powered on. The low beam, taillights, position lights, and other lights do not illuminate when the daytime running lights are on. The daytime running lights will be off when the vehicle is powered off. Comply with ECE R87 regulatory requirements for daytime running lights.

Hazard warning light switch

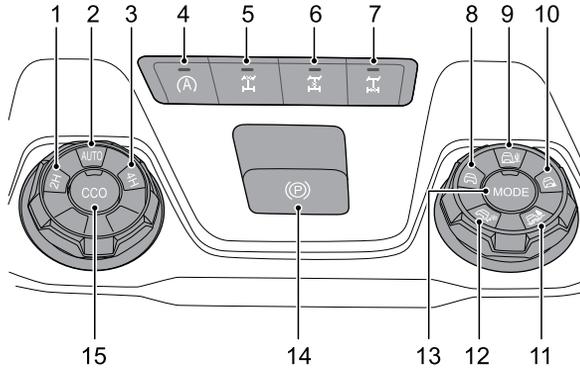
Press the hazard warning light switch  to activate all the turn signals simultaneously, and the "Direction indicator (green)" in

the instrument cluster will illuminate and flash. Press the switch again to turn off the above lights.



Note: Turn on hazard warning lights to prompt other vehicles that your vehicle has a malfunction and approaching your vehicle may be dangerous.

Auxiliary fascia console switch



Position 1 - 2H: 2WD switch.

Position 2 - AUTO: Automatic mode switch.

Position 3 - 4H: High-speed AWD switch.

Please refer to “Super All Wheel Control (S-AWC) system” in the Starting and Driving section for more information about AWD system.

Position 4 - (A): Auto start/stop switch of engine. Place the ignition switch in “ON” position, enable the auto start/stop system by default, and the indicator in the switch illuminates. Press the switch (A), the indicator in the switch goes out, and the auto start/stop system will be switched off. Press the button again to activate the auto start/stop system. Please refer to “Auto

stop/start system” in the Starting and Driving section for more information.

Position 5 - (A): EDL front lock switch.

Position 6 - (A): EDL center lock switch.

Position 7 - (A): EDL rear lock switch.

Please refer to “Electronic Differential Locking (EDL)” in Starting and Driving section for more information about EDL.

Position 8 - (A): Normal mode switch.

Position 9 - (A): SAND mode switch.

Position 10 - (A): ROCK mode switch.

Position 11 - (A): MUD mode switch.

Position 12 - (A): SNOW mode switch.

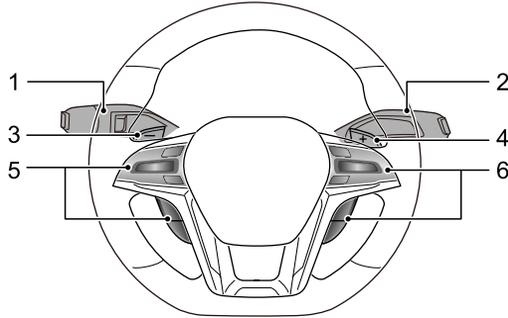
Position 13 - MODE: MODE (Custom setting) mode switch.

Please refer to “All-Terrain System (ATS)” in the Starting and Driving section for more information about ATS system.

Position 14 - (P): EPB (Electronic Parking Brake) switch. Please refer to “Brake system” in the Starting and Driving section for more information.

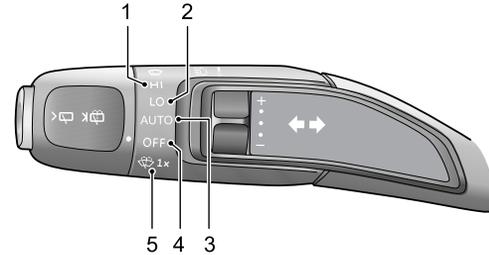
Position 15 - CCO: Crawl control mode switch. Please refer to “Crawl control system” in the Starting and Driving section for more information.

Switches on steering column and steering wheel



- 1 Wiper and washer, high beam, turn signal lamp lever switch
- 2 Shift lever
- 3 Manual downshift paddle
- 4 Manual upshift paddle
- 5 Instrument cluster selection and cruise switch
- 6 Voice control, bluetooth phone, steering wheel heating and custom settings switch

Wiper and washer lever switch Windshield wiper and washer



Rotate the lever switch to the desired position.

Position 1 - HI: High-speed wipe.

Position 2 - LO: Low-speed wipe.

Position 3 - AUTO: Automatic intermittent wipe. The rain sensor detects the rainfall on the windshield and automatically adjusts the wiping frequency of windshield wipers.

Note: Always keep the rain sensor free of dust, dirt or ice.

Position 4 - OFF: Wiper off.

Position 5 -  1x: Washer. Turn the lever switch to the position. The washer will operate immediately. After a short interval, the

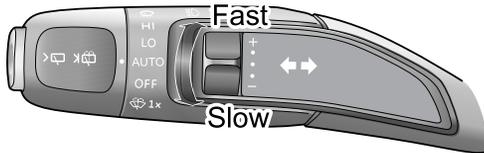
Before You Drive

wiper will operate with the washer. The washer will be off when the lever switch is released.

Note: *The wipers will continue to operate for 3 consecutive wipes after the lever switch is released, and operate for 1 wipe after 3 consecutive wipes.*

Intermittent wipe/variable interval

! Worn wiper blades may not clear the windshield properly, thus reducing forward visibility and resulting in accident. Always renew worn wiper blades immediately.



When the lever switch is in AUTO(automatic intermittent wipe) position, toggle the switch up and down to change the sensitivity of front wipers, and the rain sensor will adjust the wiping rate of front wipers.

Caution

In freezing or very hot conditions, to prevent damage to the wipers, ensure the blades are not frozen or otherwise adhering to the glass, and clear the screen of obstructions such as snow. Do not operate wipers when the windshield is dry. It can scratch the glass, cause the blades to wear prematurely and obscure vision.

Rear window wiper and washer



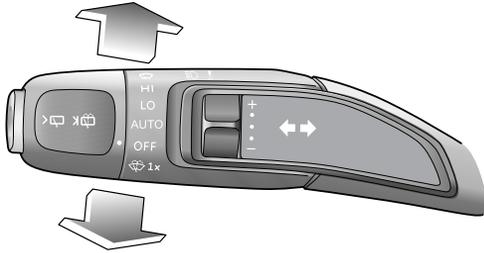
Short press the leftmost top of the wiper and washer lever switch, and the rear window wiper will operate.

Long press the leftmost top of the wiper and washer lever switch, the washer will spray water and the wipers will operate.

Before You Drive

High beam, turn signal lever switch

Turn signals and direction indicators

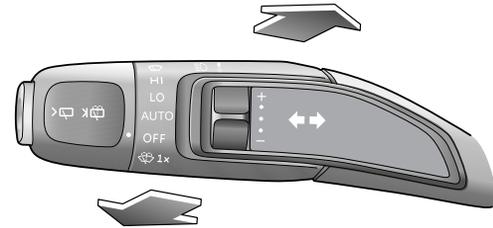


Right turn - push the lever switch upward.

Left turn - pull the lever switch downward.

The appropriate "direction indicators (green)" in the instrument cluster illuminate in time with the turn signals.

Headlight high and low beams

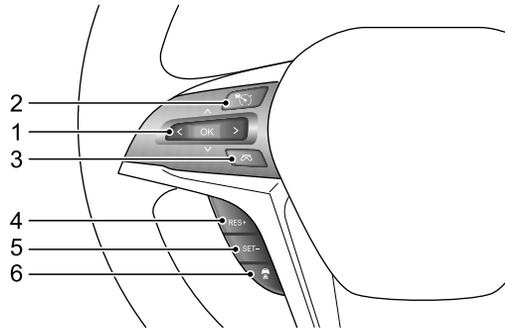


Push the lever switch away from the steering wheel, and turn on the high beam, in which case the switch will automatically restore to its original position. Push the lever switch away from the steering wheel again, and turn off the high beam, in which case, the switch will also automatically restore to its original position.

Note: The "headlight high beam indicator (blue)" in the instrument cluster illuminates when the headlights are on high beam. To flash the headlights, slightly lift the lever switch intermittently towards the steering wheel.

Before You Drive

Instrument cluster selection and cruise switch



Position 1 -  : Instrument cluster selection button. Press upward, downward, leftward or rightward to page up, page down, page left or page right on the instrument cluster; press OK button to confirm your selection.

Cruise control system

Position 2 -  : Cruise on/off switch. Press this switch to turn on/off the cruise control system. The "Cruise control indicator" in the instrument cluster illuminates or goes out accordingly.

Position 3 -  : Cruise cancel switch. Press this switch to cancel the cruise function without clearing the set speed in the memory.

Position 4 - RES+: Cruise recovery/acceleration switch. If there is a set speed stored, press this switch to resume that speed; press this switch again to accelerate (1 km/h increase per time).

Position 5 - SET-: Cruise setting/deceleration switch. Press this switch to set a speed. Then the cruise function will be enabled and the "Cruise control indicator" on the instrument cluster will turn green from white. If the cruise function is operating, press this switch to decelerate (1 km/h decrease per time).

Note: Please refer to "Cruise control system" in the Starting and Driving section for more description about cruise function.

Adaptive cruise control (ACC)

Position 2 -  : Adaptive cruise control master switch, short press to turn the system on.

When the adaptive cruise control is activated:

Position 3 -  : Adaptive cruise control deactivation switch, short press to deactivate the adaptive cruise control without clearing the set cruise speed.

Position 4 - RES+: To increase the saved vehicle speed or re-activate the adaptive cruise control and restore the saved speed.

Position 5 - SET-: Decrease the stored vehicle speed.

Position 6 -  : To set the following distance, adjust the following distance of the adaptive cruise control, and switch the following distance from Level 1 to Level 3 cyclically for each press.

Before You Drive

ICA (Integrated Cruise Assist)

Position 2 - : ICA main switch, long press to turn on ICA.

When turning on the ICA:

Position 3 - : ICA cancel switch, short press to deactivate ICA without clearing the set cruise speed.

Position 4 - RES+: Increase the stored vehicle speed.

Position 5 - SET-: Decrease the stored vehicle speed.

Position 6 - : To set the following distance, adjust the following distance of ICA, and switch the following distance from Level 1 to Level 3 cyclically for each press.

Note: Please refer to "Advanced driver assistance system" in Starting and Driving section for more descriptions about cruise control function.

Crawl control system

There are 9 gears for crawl control mode. Its target gear can be set by pressing RES+ and SET- button on the steering wheel and displayed on the instrument cluster.

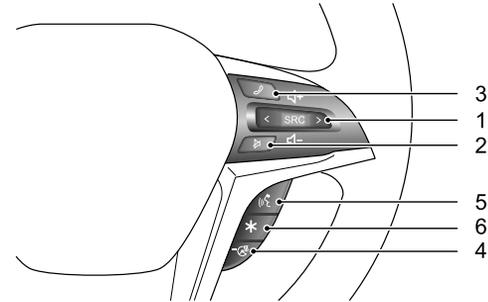
Position 4 - RES+: Upshift switch.

Position 5 - SET-: Downshift switch.

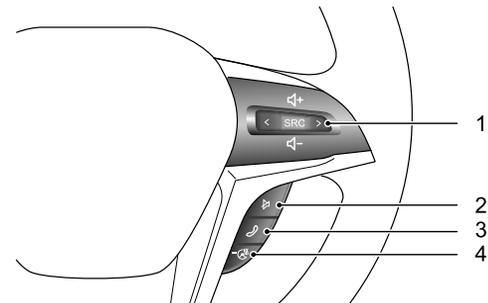
Note: Please refer to "Crawl Control System" in the Starting and Driving section for more descriptions about crawl control system.

Voice control, bluetooth phone, steering wheel heating and custom settings switch

Type 1



Type 2



Before You Drive



Position 1 -   : Sound source control switch. Press SRC switch the radio/MP3 player interface; press upward to increase the volume and downward to decrease; short press  to switch to the previous band/MP3 track; long press  to fast-backward; short press  to switch to the next band/MP3 track; long press  to fast-forward.

Position 2 -  : Mute switch.

Position 3 -  : Bluetooth telephone switch. When Bluetooth is connected, this switch is the Bluetooth phone answering switch. In the general calling state: when there is an incoming call, short press the switch to answer, and long press it to hang up; during the call, short press the switch to hang up, and long press it also to hang up; during the dialing, short press the switch to hang up, long press it also to hang up. During the call, if there is a call from a third party, short press the switch to hold the current call and answer the new call; long press it to hang up the new call and hold the original call. After the short-press, you can hang up the original call and answer the new call through the soft button on the entertainment system display.

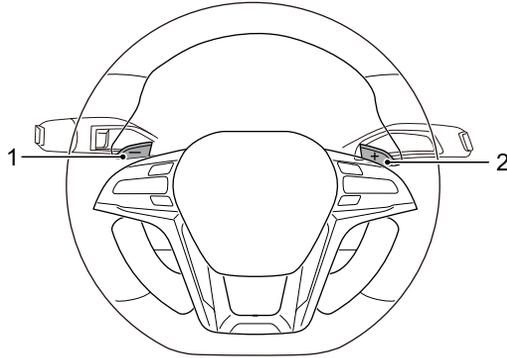
Position 4 -  : Steering wheel heating switch. Press this switch to enable the steering wheel heating function, and the indicator illuminates. Press this switch again to disable the steering wheel heating function.

Position 5 -  : Speech dialogue system switch. Press this switch to enable the speech recognition function; press again to disable the function.

Position 6 -  : Custom settings switch. Press this switch to enable custom settings. Please use it in combination with the relevant functions supporting custom settings in the center console screen with Internet of Vehicles feature. For example, enter the Vehicle Settings, then select Steering Wheel, and set the custom settings switch (intercom/snapshot function):

- Intercom: set this mode to make calls between fleet members in fleet mode. Press the button to start a call and press again to end it. Please enter the fleet interface to set the application scenario.
- Snapshot: the snapshot function needs to be able to access a camera device, such as DDPAI. Please enter the smart device interface to add related smart devices.

Manual shift paddle



Position 1 - Downshift paddle -: Briefly press the manual shift paddle - to a lower gear.

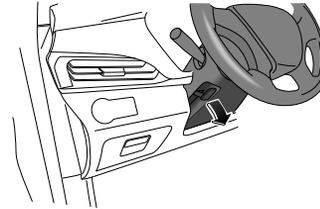
Position 2 - Upshift paddle +: Briefly press the manual shift paddle + to a higher gear.

Note: Please refer to “Automatic transmission” in Starting and Driving section for more descriptions about manual shift paddle functions.

Note: The switch type mentioned above may not be applicable to your vehicle, which shall be subject to the actual configuration of the vehicle you purchased.

Steering wheel adjustment

! Do not adjust the steering wheel position during driving. This is extremely dangerous.



Adjust the steering wheel position to adapt to your driving posture through the following steps:

- 1 Fully release the steering wheel adjusting handle on the steering column by moving it downwards;
- 2 Grasp the steering wheel firmly with both hands, and move the steering wheel forward/backward and upward/downward (if equipped) to adjust it to a proper position;

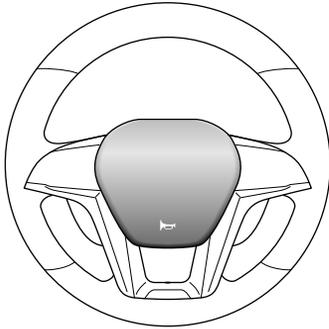
Note: If it is still difficult to move the steering wheel to a proper position, place the ignition switch in “ON” position to unlock the steering wheel, and turn the steering wheel to the straight forward position.

- 3 Select a proper driving position, and pull the steering wheel adjusting handle fully up to lock the steering wheel into its new position.

Before You Drive

Horn

The horn can operate when the button is pressed, regardless of the ignition switch position.



Heating, ventilation and air conditioning (HVAC)

The air conditioning system cools the air and removes moisture and dust, e.g. pollen.

The heating system utilizes the heat generated by the engine, so it can heat the air in the vehicle sufficiently only when the engine gets to the normal operating temperature. If the PTC A/C auxiliary heating system is equipped, the heating effect of the A/C can be improved.

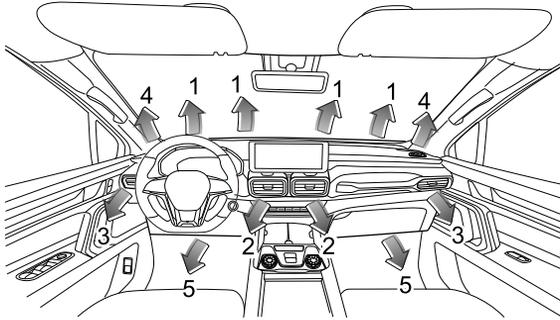
The ventilation system ensures the interior ventilation when the vehicle is moving.

The front/rear A/C air volume selection button is used to control the air volume.

HVAC is used to control the interior air cooling, heating and ventilation. Fresh air enters the vehicle through the air inlet grille under the windshield and flowing through the A/C filter. Always keep the air inlet grille clean and free of obstructions such as leaves, snow or ice.

Before You Drive

Front vents

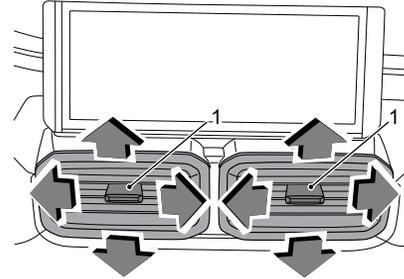


- 1 Windshield vents
- 2 Central vents
- 3 Side vents
- 4 Front window vents
- 5 Front footwell vents

Central vents

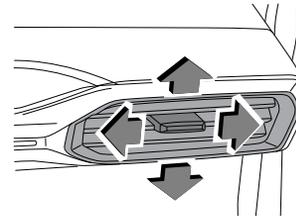
Move the lever (1) in the center of the grille up and down, right and left to change the direction of the air blowing.

1



Side vents

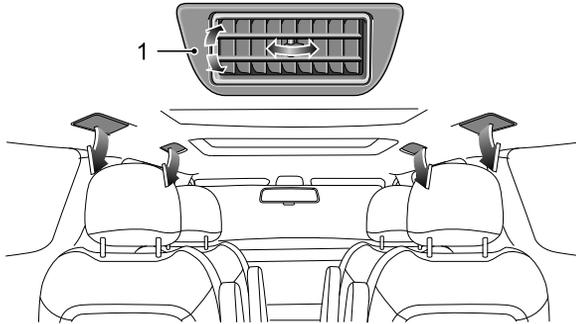
The direction of air flow can be changed by moving the control lever in the center of the grille upward, downward, leftward and rightward.



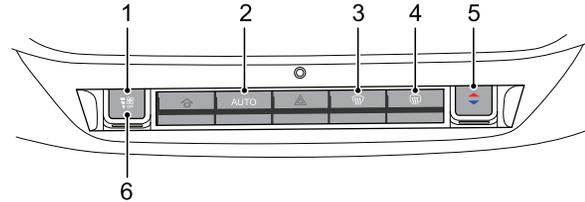
Before You Drive

Rear vents

The direction of air flow can be changed by revolving the grille or moving the plate (1) in the center of the grille. There are four vents on the roof, two on the left and right, respectively.



Front A/C control switch



- 1 Front A/C air volume decrease/increase selection lever
- 2 AUTO button
- 3 Front defrost button
- 4 Rear defrost button
- 5 Front A/C temperature down/up selection lever
- 6 OFF button

Front A/C air volume decrease/increase selection lever

The air volume selection lever can be toggled up and down, there are eight levels of air volume, and the air volume indication is displayed on the center console screen. Toggle upwards to increase the air volume, toggle downwards decrease the air volume.

The A/C air volume increases by one level once the air volume + button is pressed; the air volume decreases by one level once the air volume - button is pressed.

When you press and hold the air volume decrease lever for more than 2 seconds, the A/C will be turned off.

If the air volume increase/decrease lever is toggled in OFF state, the system will be ON, the volume level indicator shows the level before power off directly, the air volume slowly increases to this level from level one and other function maintains the non-defrosting state.

AUTO button

This is the automatic air conditioning control mode button.

Press the AUTO button to enter the full AUTO state, all controls enter the automatic working state, the AUTO indicator light is on; and pressing the AUTO button again will have no effect in the full AUTO state.

When the MODE button, air volume button and A/C button are pressed in AUTO state, the panel will exit the full AUTO state, and the AUTO indicator will go out, the corresponding functions will restore to manual control state, and other unoperated functions will remain under auto control.

Operate the temperature selection lever in AUTO state, the panel will be still in the full AUTO state, and the AUTO indicator light will not go out.

When the internal/external circulation button is pressed in AUTO state, the relevant functions will enter the manual control state, the AUTO indicator will not go out, and other unoperated functions will remain in auto control.

Press the front defrost button in AUTO state, the A/C will enter the front defrost state, and the AUTO indicator light will go off.

Front defrost button

Adjust the air distribution mode to Front Defrost.

If the Front Defrost button is pressed in OFF or ON state, the corresponding indicator comes on and MAX defrost is shown on the center console screen. The volume level increases to the top level slowly with the automatic system control, the external circulating air enters into the vehicle, AC is turned on and the blower air distribution mode is the maximum defrost. However, the internal/external recirculation mode, the air volume and A/C are adjustable.

In Front Defrost state, if the Front Defrost button or MODE button is pressed a second time, the front defrost function is turned off, the front defrost indicator goes off and the system returns to the previous state before the front defrost. If the previous state is OFF, it will return to the non-defrosting state before powered off.

Rear defrost button

Switch on the Rear Defrost state.

The Rear Defrost can only be activated when the ignition switch is turned to ON position.

Before You Drive

The operation of the Rear Defrost button will not change other air conditioning states regardless of power on or off, meanwhile the corresponding indicator and the rear defrost information on the center console screen vary according to the rear defrost state (vehicle is started).

For vehicles with heated exterior rearview mirrors, the function of heated exterior rearview mirror will be enabled when the Rear Defrost button is pressed, to help remove fog or frost from the surface of the rearview mirror.

Note: The rear defrost will stop after operating for 15 minutes, and its indicator goes off.

Front A/C temperature down/up selection lever

Adjust the A/C set temperature on the driver side or the front passenger side (in the SYNC synchronization state).

The temperature selection lever can be toggled up and down. When it is toggled up, the set temperature increases; when it is toggled down, the set temperature decreases. The set temperature range is: LO, 18°C ~ 32°C, HI; toggling the lever once will increase/decrease the temperature by 1°C, and the set temperature will be displayed on the center console screen. LO indicates MAX cooling, HI indicates MAX heating.

The temperature displayed when the first power-on (factory configuration) is in the middle gear, and the corresponding LCD display is 25 degrees.

The temperature value will be memorized when the engine is shut down.

OFF button

When the panel is in working state, press the "Air volume -" button for more than 2 seconds, the A/C panel will enter OFF state, the A/C output will be turned off, the air volume will move to 0 gear, and the mode motor, cooling and heating motor, and internal/external circulation motor stop after running to the target position.

When it is turned off, it can be turned on by operating the AUTO mode button, the front defrost button, the A/C button and the air volume regulation button.

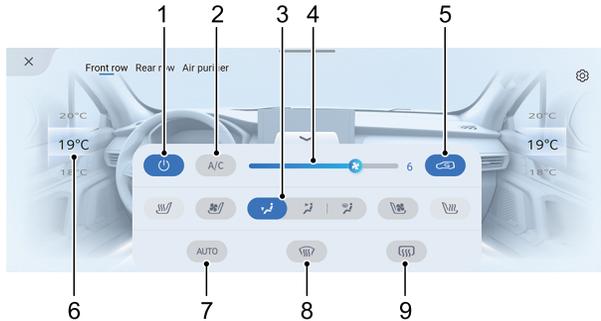
If the engine stalls, the A/C control panel will memorize the power state before stalling, when the vehicle is powered on again, this panel will go back to the non-defrosting mode last activated before stalling.

In the OFF state, the internal/external circulation indicator and the rear defrost indicator on the panel indicate its current status, and the other indicators are off.

Before You Drive

A/C operation and display interfaces on center console screen

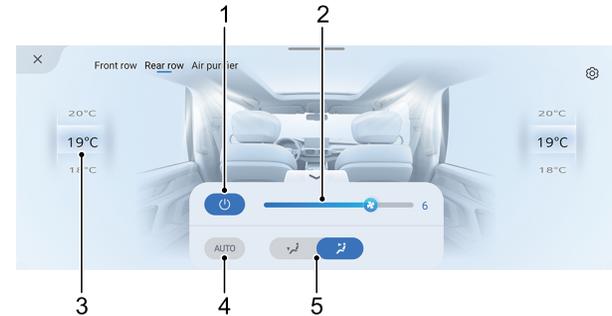
Front row A/C interface



- 1 Power button
- 2 A/C button
- 3 Air distribution mode button

- 4 Air volume regulation button
- 5 Internal/external circulation button
- 6 Temperature regulation button
- 7 AUTO button
- 8 Front defrost button
- 9 Rear defrost button
- 10 SYNC button

Rear row A/C interface



- 1 Power button
- 2 Air volume regulation button
- 3 Temperature regulation button
- 4 AUTO button
- 5 Air distribution mode button

Before You Drive

Power button

Air conditioning on/off button.

If the indicator illuminates, it indicates that the air conditioner is on, and the air conditioning functions will be enabled according to the status before shutdown; if the indicator goes out, it indicates that the air conditioner is off, and the air blower, compressor and other air conditioning functions are disabled.

Temperature regulation button

Front A/C temperature regulation button regulates the temperature required by front row A/C on the left/right. Rear A/C temperature regulation button regulates the temperature required by rear row A/C.

In any reason, when turned on, the A/C will adjust its state as soon as possible to raise and keep the interior temperature to the set value.

There are 17 gears for temperature selection. When the temperature is set to LO, the A/C is in the maximum cooling power state; when the temperature is set to HI, the A/C is in the maximum heating power state.

The automatic A/C set temperature is 22°C - 24°C, which is the recommended comfort temperature.

The automatic A/C will not have enough time to adjust to the set temperature if it switches between different set temperatures for a short time.

SYNC button

It synchronizes the temperature selection.

When the button is pressed, the set temperature of the front passenger side will be synchronized to the same as the set temperature of the driver side. When the temperature of the driver side is adjusted, the temperature of the front passenger side will be changed together.

When the temperature of the front passenger side is adjusted separately, the temperature of the driver side will not change accordingly, SYNC indicator will go out and exit the synchronization state.

AUTO button

The button is used to enable the automatic A/C function.

Press AUTO button to enter full automatic state, and air volume, mode, circulation and other functions will enter automatic operation status. In this case, the temperature regulation button can be operated as needed to set the desired temperature, based on which the A/C system will automatically adjust the interior environment, in order to reach the target temperature at full speed and maintain such temperature.

In AUTO state, the mode, air volume and A/C function can be operated, and the AUTO indicator goes out, so that the corresponding functions exit AUTO state, and other unoperated functions will remain in AUTO state.

A/C button

Switch on and off the compressor.

Operate the A/C button to illuminate the corresponding indicator; the air conditioner will turn on the compressor to cool the air in the vehicle, and has a certain dehumidification function.

The A/C indicator is always on in AUTO state (in automatic control state, which does not indicate that it is operating); if the A/C button is operated, A/C will exit the AUTO state and enter the state of manual control.

The compressor can only operate when the engine is running.

Air distribution mode button

Adjust the air distribution mode.

The front row A/C air distribution mode consists of face mode, footwell mode and window mode. The rear row A/C air distribution mode consists of face mode and footwell mode. If a corresponding indicator illuminates, it means there is air blowing in this direction, and you can combine the air distribution modes freely as required. It is recommended to select face mode with cool air in summer, footwell mode with warm air in winter, and window mode in case of fogging on front windshield, which is more conducive to improving interior comfort degree.

Air volume regulation button

To control the air volume.

There are 8 levels for air volume regulation, which can be regulated as needed.

When the A/C is off, it can be turned on by setting the air volume.

Internal/external circulation button

Internal and external circulations are switched with a button.

The button is pressed to switch the A/C air inlet mode. The external circulation means the air entering the A/C from the outside, and the internal circulation means the air circulates inside the vehicle.

Internal circulation is recommended for cooling, and external circulation for heating.

Front defrost button

Switch on the Front Defrost state.

When the Front Defrost button is operated, the corresponding indicator illuminates, A/C is turned on at the same time, and the air distribution mode is switched to defrost; turning on this function has a rapid defrost and defog effect on the front windshield and side glass. In the Front Defrost state, press the Front Defrost button or other mode buttons again to exit the defrost state.

Rear defrost button

Switch on the Rear Defrost state.

Before You Drive

When the rear defrost button is pressed, the corresponding indicator illuminates, and the rear defrost function is enabled. This function enables fast defrost and defog effect for rear windshield.

For vehicles with heated exterior rearview mirrors, the function of heated exterior rearview mirror will be enabled when the Rear Defrost button is pressed, to help remove fog or frost from the surface of the rearview mirror.

Note: The rear defrost will stop after operating for 15 minutes, and its indicator goes off.

Automatic defogging button

When this function is enabled, the A/C system will automatically adjust A/C state according to the interior humidity and temperature to avoid fogging on the windows. You will get better effect if turning on A/C "AUTO".

Bluetooth call noise cancellation button

When this function is enabled, the A/C will automatically reduce air volume when a Bluetooth call is connected, minimizing the noise.

Maximum air volume limit button

When this function is enabled, the air volume of A/C system will be limited to gears 7/6/5 when "AUTO" and "Front Defrost" buttons are pressed.

Automatic fresh air switching time button

When this function is enabled, and the external/internal circulation is in "AUTO" state, the A/C system will automatically switch circulation mode every 10/20/30 minutes to ensure fresh air in the vehicle.

Off-vehicle ventilation button

When this function is enabled, if A/C (compressor) is operating before the engine flameout, A/C system will turn on the air blower again 30s after the engine flameout, blowing continuously for 1 minute to dry the evaporator and prevent fungal growth.

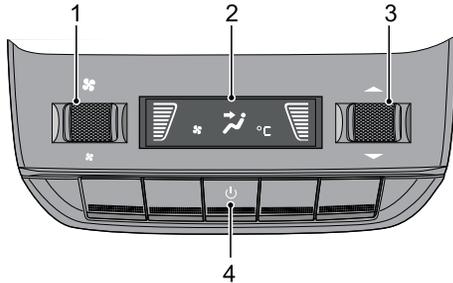
A/C filter element remaining time and reset button

When clicking "Reset", the dialog box "Please confirm if the filter element has been replaced" pops up, select "Yes", and the center console screen will send filter element reset signal to the A/C.

Before You Drive

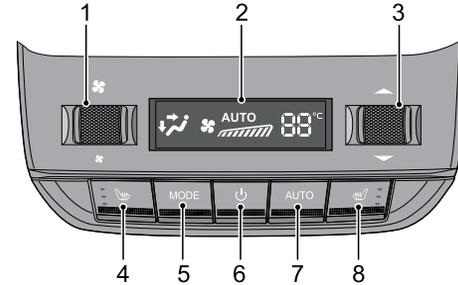
Rear A/C control panel

Manual A/C control panel



- 1 Rear A/C air volume control roller
- 2 Rear A/C display
- 3 Rear A/C temperature control roller
- 4 Rear A/C panel power button

Automatic A/C control panel



- 1 Rear A/C air volume control roller
- 2 Rear A/C display
- 3 Rear A/C temperature control roller
- 4 2nd-row left seat heating button
- 5 Rear A/C mode button
- 6 Rear A/C panel power button
- 7 Rear A/C AUTO button
- 8 2nd-row right seat heating button

Rear A/C air volume control roller

There are eight levels for air volume regulation. The rear A/C air volume control roller can be toggled up/down to regulate the air volume.

Before You Drive

Turning the air volume roller upwards will increase the set air volume with the precision of 1 level. Turning the air volume roller downwards will decrease the set air volume with the precision of 1 level.

Adjust the air volume roller when the rear A/C is turned off, the rear A/C will be turned on, and it will return to the state before turning off.

Rear A/C panel power button

In ON state, pressing the power button will switch to the OFF state, the display output will be turned off, the air volume level will be set to 0, and the mode motor and the cooling and heating motor will stop after turning to the position set before turning off.

In OFF state, pressing the power button or operating the air volume button or the AUTO button will enter the OFF state, and the air volume, mode, AUTO, and set temperature will return to the state before turning off.

Rear A/C temperature control roller

The temperature control roller can regulate the temperature up and down, with a total of eight levels.

Turning the temperature roller upwards will increase the set temperature with the precision of 1°C. Turning the temperature roller downwards will decrease the set temperature with the precision of 1°C.

Adjust the temperature roller when the rear A/C is turned off, the rear A/C will be turned on, and it will return to the state before turning off.

2nd-row seat heating button

Note: *It applies to vehicles with 2nd-row seat heating button.*

The left and right seat heating buttons of the second row respectively provide auxiliary heating for the seats on both sides.

After pressing the left or right seat heating button of the second row, the corresponding seat heating function will be turned on (the vehicle is started), and the corresponding indicator light will light up. Pressing the button once will move to a higher gear, and the gear will be indicated by the indicator light on the button.

Pressing the power button will not affect the seat heating state.

Note: *The 2nd-row seat heating function can work only when the engine is started, and the seat heating is turned off by default each time the ignition switch is turned on again after flame-out.*

Rear A/C mode button

Note: *It applies to vehicles with rear A/C mode button.*

To switch the air distribution mode, press the MODE button to switch among Face, Face and Footwell, and Footwell in turn.

Rear A/C AUTO button

Note: *It applies to vehicles with rear A/C AUTO button.*

After pressing AUTO, the A/C enters the AUTO control mode, and the AUTO icon on the display appears.

In the AUTO state, press the MODE button or the air volume button, the corresponding function will exit automatically, other functions remain unchanged, and the AUTO icon on the display will go out.

Air conditioning operating tips

- If the vehicle has been parked in direct sunlight, open the windows before operating.
- To clear misted windows on rainy days, decrease the humidity inside the vehicle by operating the air conditioning. This is most effective during rainy weather and high humidity.
- Insufficient cooling may occur when driving in urban stop-and-go conditions.

Note: *If the air conditioning will not be in use for more than one month, run the engine at idle speed and turn on the system for more than 10 minutes (once every month, including in winter). This aims to maintain the proper lubrication of the compressor and the seals, so as to extend the service life of the system.*

Note: *Condensation will be formed on the evaporator when the A/C is operating. So you may find a small pool of water under the vehicle after the vehicle is stopped.*

Rearview mirrors

The exterior rearview mirror glasses are convex shaped to broaden the field of view: this makes objects appear smaller and further away than they really are.

Caution

Always check all rearview mirrors for cleanliness and positioning before driving; clean and adjust them if necessary.

Exterior rearview mirrors

Electric exterior rearview mirrors

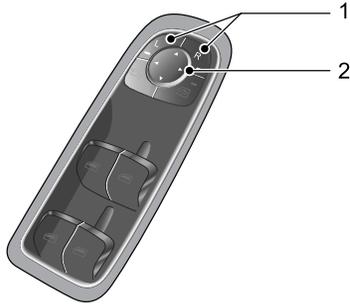
Press the left (L) or right (R) switch (Figure 1) to select the corresponding exterior rearview mirror. At the same time, the indicator next to L or R on the selected switch will illuminate.

Press four arrows on the round switch (Figure 2), to adjust the angle of exterior rearview mirror.

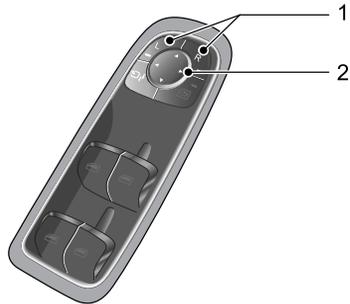
Press the L or R switch (Figure 1) again, the corresponding indicator goes out, and the adjustment of mirror can be stopped to prevent accidentally modification of adjusted mirror angle.

Before You Drive

Switches of exterior rearview mirror not equipped with power folding function



Switches of exterior rearview mirror equipped with power folding function



Folding of exterior rearview mirrors

Manual folding of exterior rearview mirrors

In order to ensure the safety of pedestrians, exterior rearview mirrors will rotate from their normal mounting positions towards both sides if impacted by a strong force. Reset the exterior rearview mirrors by applying little pressure onto the mirror frames.

Power folding of exterior rearview mirrors

For vehicles equipped with power folding exterior rearview mirrors, it is allowed to fold/unfold exterior mirrors manually/automatically.

- Manual/power folding/unfolding of exterior rearview mirrors

Press the folding switch on the driver side combination switch  (as indicated by the arrow), then the exterior rearview mirrors will be folded automatically. Re-press the switch, then the mirrors will return to the original position.



- **Automatic/power folding/unfolding of exterior rearview mirrors**

When exterior rearview mirrors are folded and the vehicle is powered off, unlock the vehicle, then rearview mirrors will be unfolded automatically. When vehicle is unlocked and the doors are not opened, after 30 s, the vehicle will be automatically re-locked and rearview mirrors will be re-folded.

When the exterior rearview mirrors are unfolded, the vehicle power supply is turned off, and all doors and engine hood are closed, the exterior rearview mirrors will be automatically folded after the vehicle is locked.

The function of automatic/power folding exterior rearview mirrors may be set via the touch button on the center console screen.

Caution

The power adjustment of mirror surface and power folding of exterior rearview mirrors may be operated via the power switch, and direct manual operation may result in faults of relevant equipment, a direct jet of high pressure water in vehicle wash may also result in faults of electric power units.

1

Heated exterior rearview mirrors

For vehicles equipped with the heated exterior rearview mirrors, the heating elements are integrated for the exterior rearview mirror surface to remove frost or fog from the mirror surface. The heating function of the mirror surface and the rear windshield heating operation are linked. In other words, only after starting the power system and pressing the rear defrost button , the heating function of exterior rear mirrors works.

Exterior rearview mirror memory function

For vehicles with the function of exterior rearview mirror memory, the function of exterior rearview mirror memory has 3 gears, bound with the seat memory function; enter the seat interface on the center console screen, to select the driver seat memory touch button, and adjust the exterior rearview mirrors according to the prompts. Short press the gear switch to select the position of exterior rearview mirrors at this gear.

Before You Drive

Exterior rearview mirror auto titling during reversing

For models equipped with the function of exterior rearview mirror auto tilting during reversing, when the driver drives the vehicle and engages the R gear, the exterior rearview mirrors on both sides will automatically tilt, so that the driver can see the curb or rear wheel, which is convenient for reversing operation. When the driver shifts out of reverse gear to end the reversing action, the exterior mirrors will automatically return to the original position.

The function setting of exterior rearview mirror auto tilting during reversing can be conducted through the touch button on the center console screen.

Setting of exterior rearview mirror auto tilting during reversing

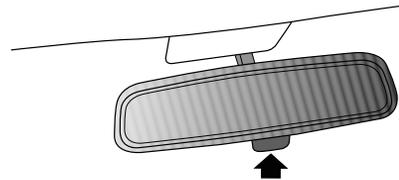
Turn the ignition switch to "ON" position, depress the brake pedal to make the vehicle stand still, shift to reverse gear, and tilt the left and right rearview mirrors respectively to the desired position; when shifting out of reverse gear, the rearview mirror will return to normal position.

Interior rearview mirror

Adjust the interior rearview mirror body to obtain possibly best viewing angle. The anti-dazzle function of interior rearview mirror can reduce the dazzling effect of vehicle headlamps behind at night.

Manual anti-dazzle interior rearview mirror

Move the adjusting handle at the bottom of the interior rearview mirror, and change the rearview mirror angle to achieve the anti-dazzle function. Push the adjusting handle back to return the interior rearview mirror to the normal position.



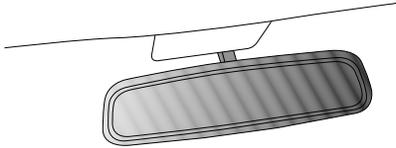
Note: In some cases, use the manual anti-dazzle function of interior rearview mirror may cause the driver unable to correctly judge the position of the vehicle behind.

Automatic anti-dazzle interior rearview mirror

Note: It applies to models equipped with automatic anti-dazzle interior rearview mirror.

Before You Drive

Type 1



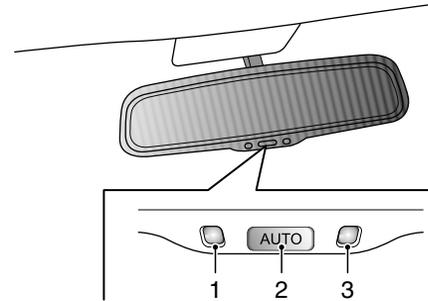
For vehicles equipped with automatic anti-dazzle interior rearview mirror, the automatic anti-dazzle function is automatically turned on after the vehicle is powered on. When the headlamp of the vehicle behind may cause the dazzling effect to the driver, the light sensor enables the anti-dazzle function. The automatic anti-dazzle function is turned off after the vehicle is powered off.

The automatic anti-dazzle function cannot be turned on normally in the following cases:

- When the light of the vehicle behind cannot directly illuminate the light sensor.
- When the reverse gear is selected.

Note: When a film is applied to the rear window, it may affect the automatic anti-dazzle function.

Type 2



For vehicles equipped with the automatic anti-dazzle interior rearview mirror, the automatic anti-dazzle function is automatically turned on and by pressing the automatic anti-dazzle function switch (2) after the vehicle is powered on, and the green working indicator (1) illuminates. When the headlamp of the vehicle behind may cause dazzling effect to the driver, the light sensor enables the anti-dazzle function. Press the automatic anti-dazzle function switch (2), then the working indicator (1) goes out, and the function is turned off. Re-press the switch, then the function is turned on again.

- 1 Working indicator
- 2 Automatic anti-dazzle function switch
- 3 Light sensor

The automatic anti-dazzle function cannot be turned on normally in the following cases:

Before You Drive

- When the light of the vehicle behind cannot directly illuminate the light sensor.
- When the reverse gear is selected.

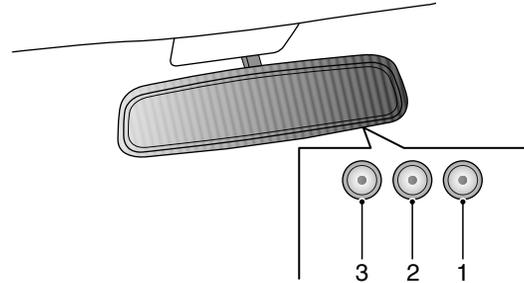
Note: *When a film is applied to the rear window, it may affect the automatic anti-dazzle function.*

Stream media interior rearview mirror

Note: *It applies to the models equipped with stream media interior rearview mirror.*

The stream media rearview mirror is a camera set at the rear of the vehicle (installed nearby the left license light of the tailgate), to take the images of the scene behind the vehicle in real time and show them on the stream media interior rearview mirror display without loss and delay, that is, to observe the actual situations of the scene behind the vehicle from the view of the camera. The stream media rearview mirror can greatly reduce the visual blind spots and improve the driving safety.

For vehicles equipped with the stream media interior rearview mirror, the stream media function is turned on after the vehicle is powered on, to display the images of the scene behind the vehicle.



Long press the button (1) to switch the state of automatic anti-dazzle interior rearview mirror and stream media. In the stream media state, short press the button (1) to enter the operation interface. The stream media can be used to adjust the field of vision and color by moving images upward and downward and adjusting the image scale.

Adjustment method of moving images upward and downward:

- 1 Short press the button (1) to enter the field of vision adjustment column, and select the up or down moving option. If the color of the font changes from blue to red, it indicates the adjustment function is already selected.
- 2 Short press the buttons (2) and (3) respectively to make up and down moving adjustments.
- 3 After setting, short press the button (1). If the color of the font changes from red to blue, it indicates that the up and down field of vision adjustment function is already exited. Short press the button (1) again to exit the setting interface.

Adjustment method of field of vision scale:

- 1 Short press the button (1) to enter the field of vision adjustment column, and select the scaling option. If the color of the font changes from blue to red, it indicates the adjustment function is already selected.
- 2 Short press the buttons (2) and (3) respectively to make scaling up and down adjustments.
- 3 After setting, short press the button (1). If the color of the font changes from red to blue, it indicates that the field of vision scale function is already exited. Short press the button (1) again to exit the setting interface.

Adjustment method of color:

- 1 In the stream media state, adjust to the color adjustment option first, and short press the button (1) to select the color adjustment function. If the color of the font changes from blue to red, it indicates the adjustment function is already selected.
- 2 Short press the buttons (2) and (3) to make the image color adjustments.
- 3 After setting, short press the button (1). If the color of the font changes from red to blue, it indicates that the color adjustment function is already exited. Short press the button (1) again to exit the setting interface.

Interior equipment

Roof vanity light

Front roof vanity light



Turn on the reading lamp

Press  to turn on the interior reading lamp.

Turn on door control mode

Press , then the interior reading lamp will automatically illuminate after any door is opened and go off 30s after the door is closed.

With the door closed, the switch is set to  position, press the black cover to turn on the interior reading lamp.

Before You Drive

Turn off the reading lamp

Press  to turn off the interior reading lamp.

With the door closed, the switch is set to  position, press the black cover to turn on the interior reading lamp.

Rear roof vanity light



On/Off

When the front roof vanity light switch is placed in the door control position and all doors are closed, press / to turn on the rear roof vanity light; press / again to turn off the rear roof vanity light.

The rear roof vanity light will illuminate when any door is opened. The rear roof vanity light will go out automatically after the door is closed for about 30 seconds.

Note: 15min after any door is opened, rear roof vanity light will go off automatically to prevent battery drain.

Multi-color atmosphere light

Note: It applies to vehicles with multi-color atmosphere light.

The multi-color atmosphere lights may be located on the roof and front/rear door. Their position on your vehicle depends on the actual vehicle configuration you purchased.

The touch buttons on the center console screen can be used to control the on/off, color, brightness and illumination mode of multi-color atmosphere lights.

The multi-color atmosphere light has many detailed intelligent scenario functions, including: door unclosed reminder, vehicle startup feedback, incoming call reminder, welcome/farewell mode, voice control, voice interaction/wake up/music rhythm, and ATS atmosphere light switching.

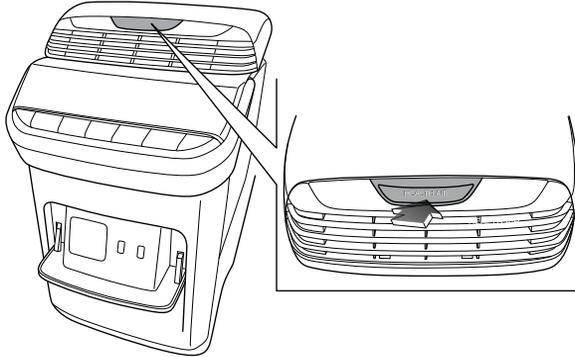
You may set the lighting effects of multi-color atmosphere light for different scenes according to personal preference and lighting requirements, to configure a comfort function and safety alarm function in the vehicle.

Before You Drive

Air purifier

Note: It applies to the vehicles equipped with air purifier.

The air purifier is located on the central armrest between driver seat and front passenger seat.



Note: When the vehicle is started, the automatic operating function of air purifier is enabled by default. To disable this function, the user can disable the automatic start function of air purifier in the comfort and convenience menu of center console screen.

1

- Long press the HEALTH AIR touch button on air purifier for 3 s to enable the air purifier. Long press the HEALTH AIR touch button for 3 s again to disable the air purifier. Short press the HEALTH AIR touch button on air purifier to adjust the air volume gear of air purifier manually.
- The touch button on centre console screen is used to control the air purifier on/off, and view the air quality within vehicle, filter element life and air volume gear.

Before You Drive

Vehicle inverter

Note: *It applies to the vehicles equipped with on-board inverter.*

⚠ Please pay attention to electric safety during usage. Prevent children from contacting this outlet. Danger! High voltage!

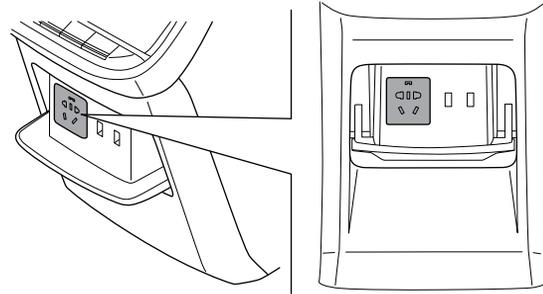
Do not insert finger or a conductive object into this outlet. Please keep liquid objects away from this outlet.

The maximum rated power of inverter is 150W. Do not use any electric appliance with a power more than 150W.

On-board inverter is located behind the bottom of central armrest between the driver and front passenger seats. Open the panel, and you will see the 220V AC power outlet, which can provide an output power of 150W. When the ignition switch is placed in "ACC" position, the on-board inverter will start operating. Please pay attention to the indicator showing the power supply operating state near the outlet during usage, and operate according to the prompts provided by the indicator:

- 1 Green lamp on: Normal operation.
- 2 Indicator off: low battery voltage. Please remove the electrical appliance, and wait for the battery voltage to return to normal.
- 3 Red lamp flashes:

- High battery voltage. Please wait for the battery voltage to return to normal.
- 220V power supply temperature is excessively high. Please remove the electric appliance and wait for the green lamp to go on.
- 220V power supply output overload. Please remove the electric appliance and restart the engine to recover normal operation.
- External short circuit. Please remove the electric appliance and restart the engine to recover normal operation.



Caution

Please avoid using the on-board inverter for a long time when the ignition switch is placed in "ACC" position, which will lead to battery drain.

Before You Drive

USB ports

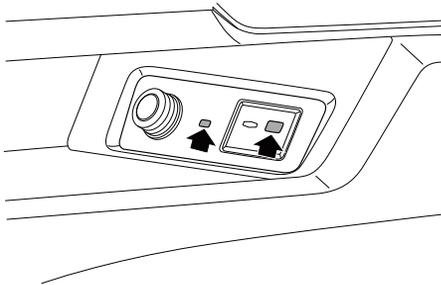
USB ports are respectively located at the center bottom of dashboard, on the rear bottom of central armrest and on the left rear body-side armrest, which are subject to the actual configuration of the vehicle you purchased.

Caution

Please avoid using the USB ports for a long time when the ignition switch is placed in "ACC" position, which will lead to battery drain.

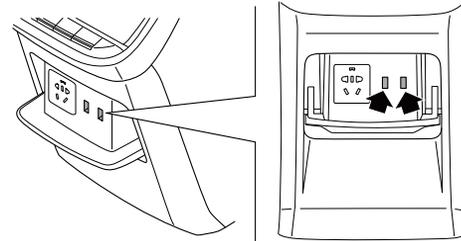
Type-C port and USB-HUB port located at the center bottom of dashboard

The type-C port located at the center bottom of dashboard can be used for charging. The USB-HUB port at the right side can be used for charging or playing multi-media files.



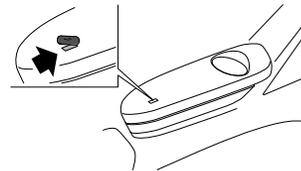
USB port located on the rear bottom of central armrest

USB port located on the rear center bottom of central armrest can be used for charging or playing multi-media files. The USB port at the right side can be used for charging.



USB port located on the left rear body-side armrest

The USB port located on the left rear body-side armrest can be used for charging.



Before You Drive

12V power socket

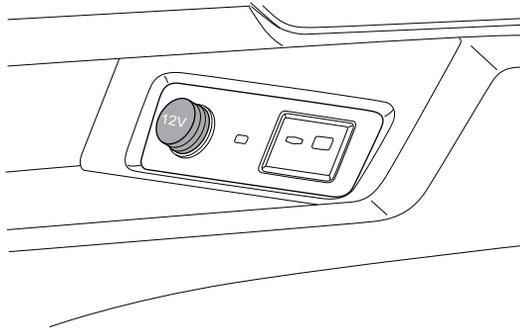
The power socket is located at the center bottom of dashboard and the left side of the trunk, which are mainly used for providing power supply connection for external electric devices. The position of 12V power socket on your vehicle shall be subject to the actual configuration of the vehicle you purchased.

Caution

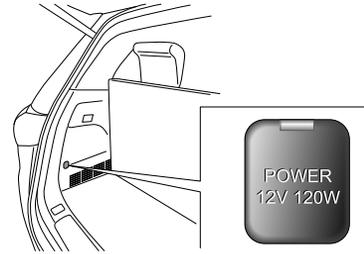
Please avoid using the power socket for a long time when the ignition switch is placed in "ACC (unlocked)" position, which will lead to battery drain.

Note: *The power socket can provide power supply for electric devices of which power is no more than 120W.*

Center bottom of dashboard



Left side of the trunk



Before You Drive

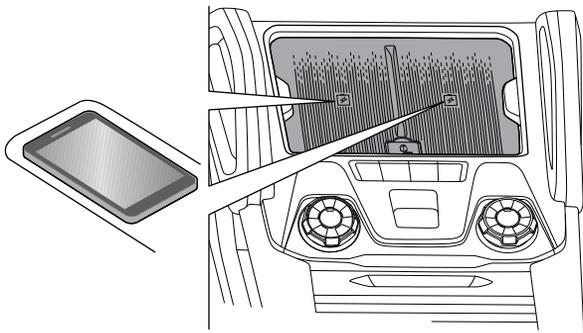
Wireless charging system for mobile phone

Note: *It applies to vehicles with wireless charging system for mobile phone.*

If your vehicle is configured with wireless charging system for mobile phone, then the system will enable mobile phone to be charged wirelessly through electromagnetic induction without wires connected.

Note: *The wireless charging system does not apply to all mobile phones, but only to the "Qi" certified mobile phones.*

Operations for mobile phone wireless charging



The wireless charging system for mobile phone is located on the mobile phone mat in front of the auxiliary fascia console. Place the mobile phone as shown in the figure above (with the screen

upward), with the center of mobile phone aligned to the charging symbol in the left or right mobile phone slot.

When the mobile phone is being charged, the charging status icon will be displayed on the status bar of center console screen (including 3 kinds of states: charging, charging completed, charging failure).

Caution

If there are mobile phones in both slots, the priority of the status bar icons is: charging failure → charging → charging completed.

When the driver leaves the vehicle, if the vehicle detects that the mobile phone is still being charged, it will remind the driver to never forget the mobile phone through pop-up window on the center console screen and prompt tone.

Note: *When the low-frequency antenna of PEPS system searches for a key, the mobile phone wireless charging module may stop operating.*

Caution

Do not use wireless charging system for mobile phone for a long time when the vehicle is powered on but the engine is not started, which will lead to battery drain.

Before You Drive

Failure of mobile phone wireless charging

In case of any failure during charging, it may be caused by the followings:

- Low voltage of vehicle battery.
- Metal foreign matters are found in the charging area.
- Use a quite thick mobile phone shell.
- High temperature.
- Internal failure of wireless charging system for mobile phone.
- Failure of mobile phone.

Caution

- When driver is not in the vehicle, please do not place the mobile phone in the vehicle for charging, to avoid potential safety hazards.
- When charging, please do not place coin, key, chip card and other metal foreign matters in the charging area, which may cause the metal to be heated, resulting in charging failure and safety accident.
- Up to two mobile phones can be charged at the same time.
- Do not spill liquid in the charging area, to prevent the liquid from entering the wireless charger through the gap of rubber mat, resulting in charger failure.
- Mobile phone charging may stop when the temperature is high, and will continue after the temperature drops.

Cigarette lighter

Note: *It applies to the vehicles equipped with cigarette lighter.*

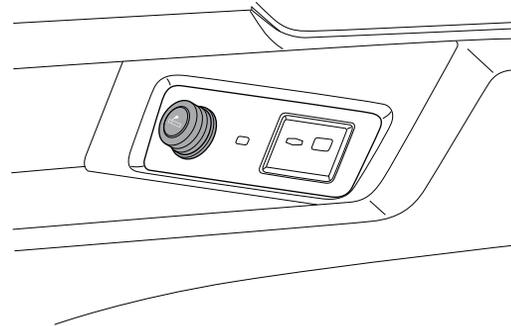
! Release the lighter in time after pressing it, otherwise it may be damaged.

Do not plug any accessory into the lighter socket.

Always remove the lighter as a precaution when children are left alone in the vehicle.

Always hold the lighter by the knob when in use; the barrel will be hot and could cause burns.

To operate, press the cigarette lighter knob fully in and release. When heated, the knob will partially eject automatically and can be withdrawn for use.

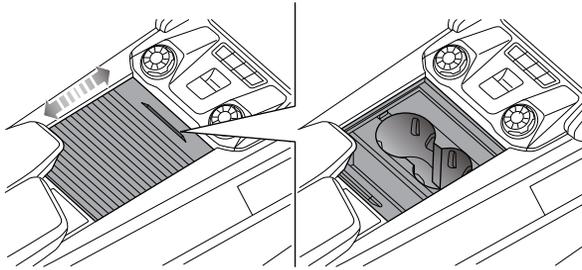


Before You Drive

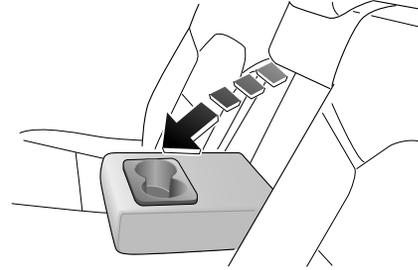
Cup holder

Cup holder below the armrest of auxiliary fascia console

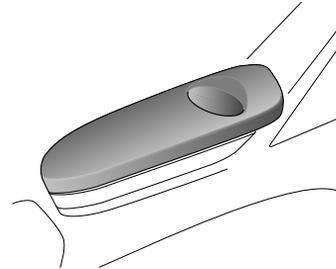
The cup holder is located in the center of the auxiliary fascia console, and you can see the cup holder by pulling the shutter handle back.



Cup holder on the 2nd-row seat armrest



Cup holders on both sides of 3rd-row seats



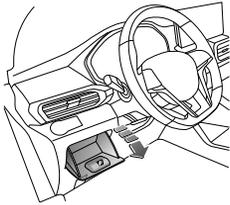
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Before You Drive

Storage box

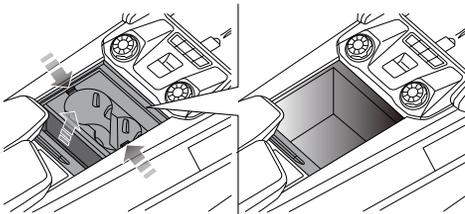
Storage box at driver side

The storage box at driver side is located below the dashboard at driver side. It can be opened by releasing the storage box upper buckle.



Storage box under the auxiliary fascia console shutter

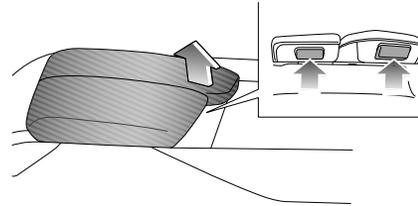
The storage box is located in the center of the auxiliary fascia console. Pull back the shutter handle, and then pull the locking mechanism on both sides of the cup holder inward to take out the cup holder and the rear square box, and then the storage box can be opened.



Storage box under the armrest of auxiliary fascia console

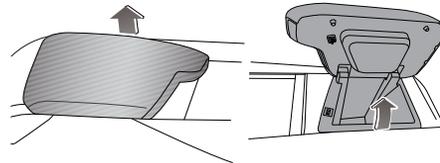
Type 1

When the unlock button is pressed, the left and right armrest panels will eject to both sides to open the storage box; and lower the armrest down to close the storage box.



Type 2

Pull the armrest upward to open the storage box.



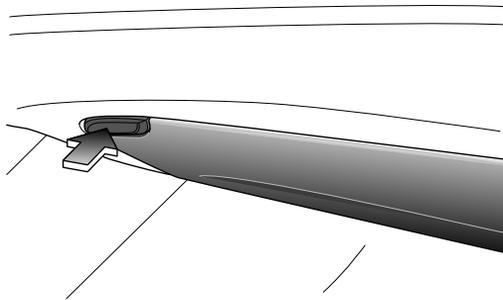
Before You Drive

Glove box

 **Do not stow sharp, heavy or dangerous objects in the glove box at the passenger side.**

Driving with the glove box open may cause injury in the event of an accident or sudden stop. Keep the glove box closed when driving.

Press the button on the upper left side of glove box to open the glove box (if your vehicle is equipped with a glove box lock, you need to insert the key and turn it counterclockwise to unlock). Close it with a firm push.

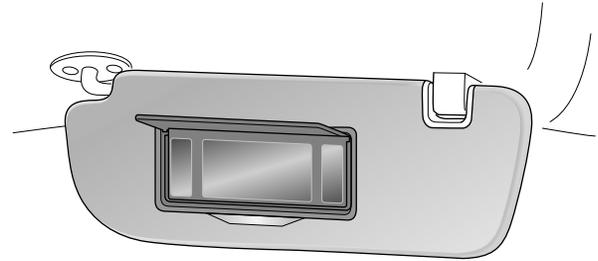


Sun visor and vanity mirror

Both sun visors can be swung up and down to provide a shield through the windshield. Besides, sun visors can be rotated towards side windows.

Turn a sun visor downwards and open the vanity mirror cover. Then you can use the vanity mirror.

Driver's vanity mirror shall be used only when the vehicle stops.



1

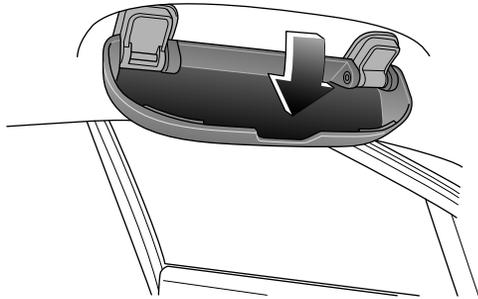
Before You Drive

Glasses box

Note: It applies to vehicles with glasses box.

Flip the glasses box in the direction of the arrow to open it.

Note: The glasses box can be used only when the vehicle is stopped. Only the glasses with the standard glasses frame can be put into the glasses box. Some large size sunglasses may not fit in the box.

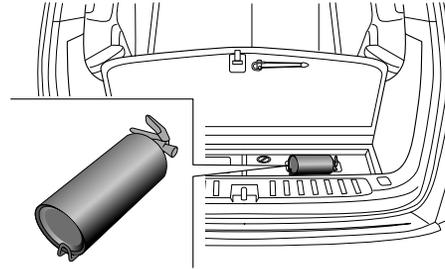


Fire extinguisher

Note: It applies to the vehicles equipped with fire extinguisher.

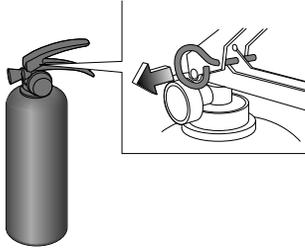
! Once activated, the fire extinguisher should be replaced even if there are not many jets.

The dry powder fire extinguisher is placed in the storage box of luggage compartment.

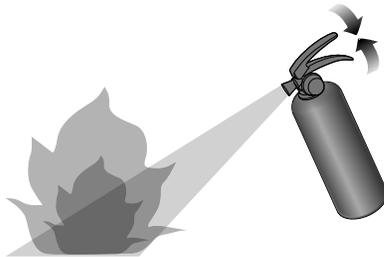


The use of the portable fire extinguisher

- 1 Pull out the safety pin;



- 2 Aim at the root of the fire source, and push the handle simultaneously to extinguish the fire.



In outdoor use, select to spray at the upwind direction. Intermittent spray may be adopted in its use. When extinguishing the fire of flammable liquid, do not spray by aiming

at the liquid surface directly, so as to prevent the flammable liquid from splashing due to the impact force and expanding the fire, resulting in fire fighting difficulties. When fighting the ordinary fire of solid materials, spray by aiming at the most violent combustion area, and spray in the up and down, left and right direction; when the conditions permit, you may walk and spray around the combustion material, so that the dry powder fire extinguishing agent can be evenly sprayed on the surface of the combustion material, until the flame is fully extinguished. When fighting the fire of energized equipment (not suitable for fighting the fire of equipment with high voltage), cut off the power first. The user of fire extinguisher shall pay attention not to touch the energized equipment, to avoid the occurrence of an electric shock which endangers the personal safety. The fire shall be extinguished completely to prevent the re-ignition of flame.

Fire extinguisher inspection and maintenance

The user shall make the inspection immediately after taking the vehicle, and then make it at the interval of 1 quarter, in the severe environment, the fire extinguisher shall be inspected more frequently, and the contents of the inspection are as follows:

- 1 The pointer of the fire extinguisher pressure indicator shall be in the green zone;
- 2 The safety pin and sealing label shall be intact;

Before You Drive

- 3 The cylinder body is free of rust, deformation, and all components have no deformation and damage.

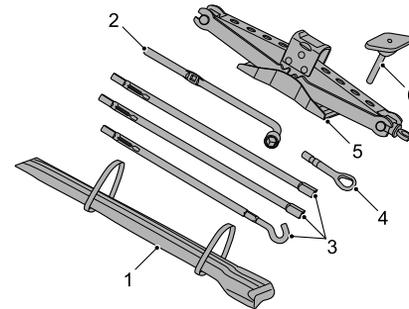
Note: Non-professionals are not allowed to disassemble the fire extinguisher on their own, to avoid the occurrence of accidents.

Caution

- Each fire extinguisher shall be inspected annually as of the manufacture date of vehicle. The fire extinguishing agent must be replaced every two years and the fire extinguisher must be replaced every ten years.
- The annual inspection and post-usage repair must be performed by an enterprise approved by Fire Department and having relevant qualifications to test, repair and annually inspect fire equipment.
- The vehicle owner is obliged to inform the purchaser of the aforesaid precautions if the vehicle is sold.

Vehicle tools

The vehicle tools are placed on the right side under the trunk (for 48V mild hybrid models) or behind the second-row seats (for conventionally powered two-row seating models) or on the left side under the trunk (for conventionally powered three-row seating models).



- 1 Vehicle tool kit
- 2 Wheel nut wrench
- 3 Auxiliary rotary post of jack
- 4 Rear tow hook
- 5 Jack
- 6 Jack retaining bolts (for conventionally powered 5-seater models)

Entertainment system

The contents of this Handbook are brief instructions for the operation of the product. Please read carefully and fully understand the operating instructions accompanied with the entertainment system mainframe before you use this product.



Please do not install or repair your product without authorization.

If the product is installed or repaired by a person who does not receive the training on electronic equipment and auto parts, a dangerous situation may be posed.

According to the relevant national regulations, watching videos and related operations are prohibited when driving, for the personal safety of yourself and others. Please do not watch the screen and perform related operations when driving a vehicle.

Please pay attention to all precautions mentioned in this section of the Handbook and strictly follow the operating instructions.

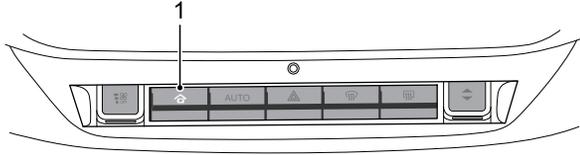
Never expose the product to any liquid, otherwise short circuit or damage may be caused.

The rear view camera function of the system just serves as a driving assist. Please pay attention to the actual situation.

Caution

- The product shall be kept away from moisture. If the product is started for the first time or reconnected after the disconnection of vehicle power supply, the date shown on each interface of the mainframe needs to be adjusted manually. Be sure to drive safely. Make sure to follow the rules of safe driving and existing traffic regulations.
- Do not operate the product (and the rear view camera function) if it may distract you from safe driving.
- If you have to operate by watching the screen, park the vehicle in a safe place and apply the parking brake.
- Do not set the volume of the product too high, or you will not be able to hear the traffic and emergency signals outside.
- For the sake of safety, some features, such as video playback, will be disabled when driving.
- The system can detect the running speed of the vehicle. When the speed exceeds a certain value, the system will prevent you from watching video while driving. If you want to watch the video, park the vehicle in a safe place and apply the parking brake.
- In order to protect the battery from running out, please make sure to start the vehicle when the system is used.
- The pictures in this Handbook are schematic diagrams which may be slightly different from the real car in details and are for reference only. As for the specific colors and functions of the interface, please refer to the real vehicle.

Before You Drive



1 HOME Button

Short press the HOME button to return to home page from other pages; this action will be invalid if you are in the home page.

Long press the HOME button for about 10 seconds to restart the entertainment system.

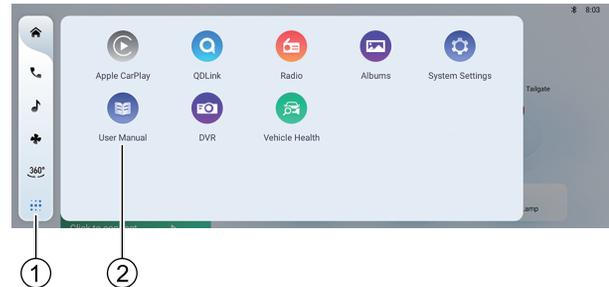
For the user guide and help of the entertainment system, please follow the following steps to access the related application of the vehicle entertainment system.

Note: As the entertainment system software will continue to be updated and iterated, the pictures in this manual are only schematic diagrams, which may be slightly different from this vehicle. They are for reference only, and the actual vehicle status shall prevail.

Application center

For the user guide and help of spider intelligent connection entertainment system, please go to the relevant applications of entertainment system according to the following steps.

- 1 On the home page, click "Application Center" icon ① to deploy all application pages.
- 2 On the application page, click "Owner's Handbook" icon ② in the Application Center to enter the Owner's Handbook. After entering the "Owner's Handbook" interface, you can view all instructions for use of the spider intelligent connection entertainment systems.



Starting and Driving

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-

Starting and Driving

Before starting and driving

- Ensure that the daily/weekly maintenance checks have been done as detailed in the section "Maintenance and Service - Owner's Check".
- Check that the seat is in the right position.
- Check that the adjustment of all the rearview mirrors is in place.
- Check that all lights, signal systems and warning indicators operate normally.
- Check that all occupants have correctly fastened seat belts.

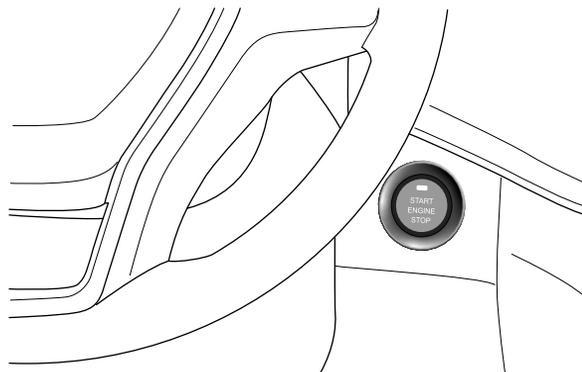
Move the ignition switch in "ON" position, and ensure all warning lamps and gauges operate normally through check. Please refer to Warning lights and indicators in the Before Driving section.

Caution

Be sure you have read the "Before You Drive" section of this Handbook and a good understanding of your vehicle and its equipment before reading this section.

Ignition switch

Keyless start



Note: *The vehicle is equipped with an one touch start switch, that is, the Start Stop button. To start the vehicle, the remote key with PEPS feature must be in the vehicle. For an AT model, if you want to move the shift lever out of P position, you must depress the brake pedal with the ignition switch placed in ON position.*

ACC - red light

- Start failure

In case of engine start failure, the ignition switch will switch to ACC.

Starting and Driving

- Abnormal parking

When the engine is running and the shift lever is not in P position, press this button and the ignition switch will switch to ACC.

- Emergency flameout

When the vehicle speed is higher than 5km/h during driving, press the ignition switch for 3 times continuously or long press it for 3s, the ignition switch will switch to ACC.

Note: *A red light flashing three times continuously indicates that no valid physical key/bluetooth key has been detected in the vehicle.*

ON - green light

When the engine shuts down and the starting conditions are not met, press this switch once, the ignition switch will switch to ON; after the engine is normally started, the ignition switch will switch to ON; when in ON state, all instruments, control devices and circuits can operate.

Note: *If the ignition switch is still placed in ACC or ON position after engine shutdown, the battery power will be drained. The vehicle may be unable to start if the battery power drain time is too long.*

START - green light

This position is used for starting the vehicle. When the engine shuts down, there is a valid remote key in the vehicle and the

starting conditions are met, press and release the Start Stop button, and the engine will be started.

Starting conditions:

- The shift lever is placed in "P" or "N".
- Depress the brake pedal and hold it.

OFF

This position is used to turn off the engine. When the shift lever must be placed in P position, press this switch and the ignition switch will switch to OFF.

Caution
When the vehicle is close to strong radio antenna signals, there may be an interference effect on the remote door lock system and the Start Stop button will not work.

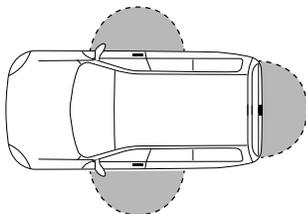
Keyless unlocking

When all doors are locked, enter the sensing area with a remote key and press the micro switch on the door handle, the central lock will unlock automatically. After unlocking, the direction indicators will flash twice. If you do not conduct any of the following operations within 30s after that, the central lock will automatically lock again:

- Open any door.
- Shift the power supply position to a non-OFF position.
- Operate the central lock to unlock/lock.

Starting and Driving

Note: It is feasible to unlock doors with the central unlocking button on the remote key. Press the central unlocking button once, and the central lock will unlock automatically.



Keyless locking

When the driver's door or front passenger door is unlocked, enter the sensing area with a remote key, and then press the micro switch on the door handle. The direction indicators will flash once, meanwhile the alarm horn will ring once for a short time (as appropriate). Then all doors will be locked, meanwhile the vehicle enters the fortification state. In any of the following cases, the doors will not be locked after the micro switch is pressed:

- The power supply switch is placed in non-OFF position.
- The remote key is left in the vehicle.
- The remote key is not in the sensing range.
- The remote key battery is low.
- The driver's door is open.

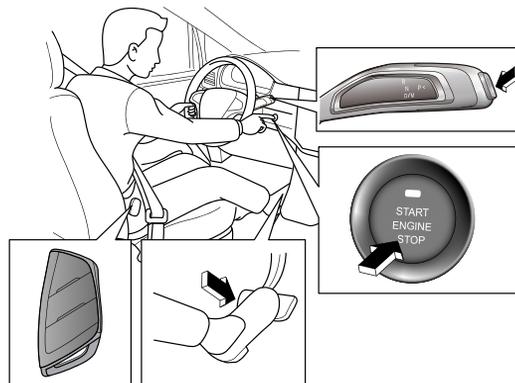
Note: It is feasible to lock doors with the central locking button on the remote key. Press the central locking button once, and the central lock will lock automatically.

Keyless start

When the remote key is left in the vehicle and the starting conditions are met, press the start-stop switch once at this time, and then the engine will be started.

Starting conditions:

- The shift lever is placed in "P" or "N".
- Depress the brake pedal and hold it.



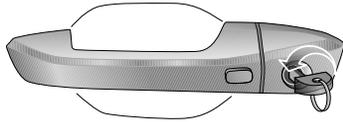
Note: If the starting conditions are not met, every time you press the start-stop switch, the power supply positions will be switched among OFF, ACC and ON in a cycle. If the

Starting and Driving

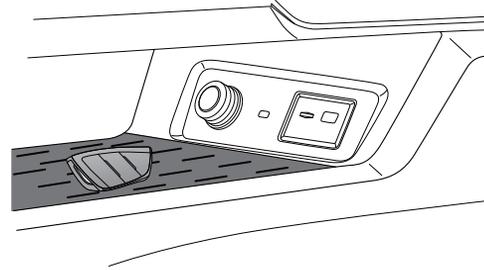
remote key is not in the vehicle, after depressing the brake pedal, the indicator lamp will not go on; the power supply position switching or ignition action will not be performed after the start-stop switch is pressed.

Backup starting

When the remote control battery is low, the keyless entry function will fail, but you still can start the engine. Open a door with the mechanical key and enter the vehicle. At this time, the system may be in IMMO state and the alarm may be triggered, which is a normal situation.



On the premise of meeting starting conditions, lay the key flat in the position with an identification (ID) in the lower storage box which is in front of the central armrest and press the start-stop switch. Then the engine can be started.



2

Emergency flameout

If you need to shut down the vehicle immediately during driving due to an emergency, there are two methods to shut down the engine:

- 1 Keep pressing the start-stop switch within 3s.
- 2 Press the start-stop switch for continuous 3 times.

Starting and Driving

Engine immobilizer

Keys

The key has been coded electronically for your vehicle. The coded key can be used for the corresponding vehicle only. Only the keys attached with the vehicle can start your engine.

For a vehicle equipped with the PEPS system, its engine can not be started only when the remote key is in the vehicle.

When the immobilizer is effective, any illegal behavior to start the engine will be prohibited.

Enable/disable

For a vehicle equipped with the PEPS system, when the start-stop switch is placed in "ON" position, if the authentication succeeds, the "IMMO warning light (yellow)" on the instrument cluster will keep off. If the "IMMO warning light (yellow)" flashes, it is shown that the immobilizer goes wrong and the engine cannot be started. Contact our service dealer for service immediately. If the remote key is not in the vehicle or there is certain interference, the message center on the instrument cluster will display the prompt "Key not in the vehicle". If the battery of remote key shall be replaced, the message center on the instrument cluster will display the prompt "Please replace the battery of remote key". Please replace the battery of remote key as soon as possible.

Note: The remote key contains a microchip which guarantees the fault-free data exchange between the key and the vehicle. Do not shield the key with a metal object (such as another key). Prevent it from severe impact. The quantity of keys hung on the keyring shall not exceed 1.

Starting/stopping the engine

Starting



CO is a harmful gas and may cause coma, even death. Avoid inhaling vehicle exhaust because it contains colorless, odorless and tasteless CO. Do not start the engine or keep the engine running in an airtight and unventilated place. If you find there is exhaust in the vehicle, find out the cause as soon as possible and handle it. If you have to operate in this kind of environment, please open all windows completely.

- Automatic Transmission

The shift lever is placed in "P" or "N".

Depress the brake pedal and hold it.

Vehicles equipped with diesel engine

Place the ignition switch in ON position, and wait for the "glow plug indicator (yellow)" on the instrument cluster to go off. Press the start-stop switch once at this time, and then the engine will be started. After the engine begins running, release the start-stop switch immediately, and the ignition switch will automatically return to "ON" position.

Note: During starting, do not keep the starter running for 10s above. If the engine is not started, wait for at least 30s after turning off the ignition switch and try again. As the ambient temperature declines, the engine starting time

may increase correspondingly. Therefore, please turn off all unneeded electrical appliance temporarily during starting. At a weather with the temperature below -25 °C, please park the vehicle in the garage.

Vehicles equipped with gasoline engine

Press the start-stop switch, and then the engine will be started. After the engine begins running, release the start-stop switch immediately, and the ignition switch will automatically return to "ON" position.

Note: During starting, do not keep the starter running for 10s above. If the engine is not started, wait for at least 30s after turning off the ignition switch and try again.

Caution

Avoid high-speed and full-throttle running before the engine reaches the operating temperature.

Warm-up

When the engine temperature is relatively low, there will be a poor effect if the engine is warmed up with the vehicle in stationary state. It is recommended to drive the vehicle as soon as possible after the engine is started.

Self-protection mode

In case of an engine fault which may affect the driving performance during driving, the engine system will enter the

Starting and Driving

"self-protection mode". In this case, the "engine malfunction warning light (yellow)" on the instrument cluster will start flashing or stay on. Please contact our service dealer for service immediately.

Stopping

Turn the ignition switch from "ON" to "OFF" position to shut down the engine.

The electrical parking brake will be applied when pulling up the electrical parking brake (EPB) switch.

Caution

For vehicles equipped with diesel engine, keep the engine idling for 10s before shutdown, in order to ensure the turbocharger bearing is fully lubricated during the deceleration.

Auto stop/start system

Note: *It is applicable to the vehicles equipped with auto stop/start system.*

Basic service conditions

The auto stop/start system helps save fuel and reduce carbon dioxide emissions. When using the auto stop/start system, the engine automatically shuts down if the vehicle is stationary in case of a red light. The engine starts again automatically when needed. The auto stop/start system will be automatically activated when turning on the ignition switch.

Basic service conditions of the auto stop/start system:

- The driver's door has been closed.
- The driver has fastened his seat belt.
- The hood has been closed.
- The vehicle has been running at a speed of above 10km/h since the last stop.
- No trailer is attached.

Note: *The engine was shut down just before the vehicle came to a standstill. However, the full functionality of the brake assist system and power steering system is still guaranteed.*

Caution

Please always keep the auto stop/start system OFF when wading through water.

Stopping and starting the engine

Vehicles with automatic transmissions

Please apply full braking to the vehicle, and still depress the brake pedal after it is stopped, the engine will be shut down (shutdown phase). At the same time, the "auto stop/start

system indicator (green)"  in the instrument cluster will illuminate.

If the brake pedal is released, the engine will start again. If the parking assist function is on, the engine does not restart until the accelerator pedal is pressed. The indicator goes out.

Other information on vehicles with automatic transmissions

- Only when the shift lever is in D position will the engine be shut down.
- If the shift lever shifts out of D position during the shutdown phase, the engine will start again.
- Whether the engine is shut down or not, you can reduce or increase the braking force for your own control. If the brake pedal is just lightly applied during stop-and-go situations or cornering, the vehicle will be stationary but the engine will not shut down. As soon as the brake pedal is applied hard, the engine will shut down.

Caution

Please depress the brake pedal when the engine is OFF to prevent the vehicle from slipping. If the engine auto stop/start system switch (A) in the auxiliary fascia console is pressed during the shutdown phase, the engine will start automatically. If the driver's door is opened or the driver's seat belt is unfastened, the engine will not start automatically. If the engine needs to be started, please switch the shift lever to P or N gear and start the engine through the stop-start switch.

Starting and Driving

Note

Conventional auto stop/start operation may be interrupted due to different system reasons.

The engine has not been shut down.

Prior to and during each shutdown phase, the system checks whether certain conditions have been met. The engine will not shut down under the following conditions:

- The engine has not reached the minimum temperature to start/stop the system.
- The windshield is being defrosted.
- The SOC of the battery is too low.
- The shift lever is not in D position.
- The slope is very steep.
- At high altitudes.
- Engine MIL and ESC MIL are on.
- The seat belt is not fastened or the door is opened.
- The hood is not closed.
- The SOC of the 48V battery system is too low.
- The engine temperature is greater than 105°C or the engine temperature is less than 30°C.
- The driver assistance system function is activated.
- ABS, AEB, EBD, TCS and VDC are activated.
- The front A/C is turned on.

When the stop-start conditions are not met, the "auto stop/start system indicator (white)"  will illuminate.

The engine starts automatically again.

During the shutdown phase, the normal stop/start operation will be interrupted under the following cases. The engine starts again without the driver's operation.

- The vehicle rolls, such as on a slope.
- The windshield is being defrosted.
- The SOC of the battery is too low.
- The seat belt is fastened or the door is opened.
- The hood is opened.
- The SOC of the 48V battery system is too low.
- The engine temperature is greater than 105°C or the engine temperature is less than 30°C.
- The driver assistance system function is activated.
- ABS, AEB, EBD, TCS and VDC are activated.

If the conditions for intelligent stop/start operation are met again, the engine may be shut down again.

Starting and Driving

Caution

- On vehicles equipped with automatic transmission, if it is switched to D gear after shifting to R gear, the vehicle must be driven at 10 km/h so that the system can shut down the engine again.
- If you do not want to use the system, you can turn it off manually. When the engine auto stop/start system switch (A) in the auxiliary fascia console is pressed, the stop/start system will be turned off, and a dialog box "Stop/Start System Off" will appear in the instrument cluster message center.
- When the "auto stop/start system indicator (yellow)"  on the instrument cluster illuminates, the auto stop/start system has a fault! The functions are not available.
- There is a fault with the auto stop/start system. Please contact our service dealer for troubleshooting.

Driving

"Running-in" of new vehicle

This vehicle requires no deliberate "running-in", but in order to enhance the long-term running performance, we strongly recommend the following:

Within the first 3,000km:

- Avoid driving too briskly and vary the speed frequently.
- Never depress the accelerator pedal to the lowest position at any gear.
- Do not keep the engine run slowly with difficulty at any gear.
- If possible, avoid undue heavy braking.

After the mileage reaches 3,000km, you can gradually increase the vehicle speed to the maximum admissible speed.



Avoid using high engine speed to protect the engine, reduce fuel consumption, lower engine noise level and protect the environment.

Starting and Driving

Driving

 **When driving, never place any portable container with fuel on the vehicle. Otherwise it may leak and a fire may result.**

When driving on a risky road covered with water, snow, ice, mud, sand, etc., please:

- Slow down, drive with care and reserve longer brake distance.
- Avoid any sudden operation during braking, steering or acceleration.
- Apply sand or other anti-slipping material under the drive wheels or install tire chains on them to provide the traction needed when the vehicle gets stuck in ice, snow or mud.

Slipping

If your vehicle slips on a wet road, you cannot control the vehicle due to the decrease of friction force between the road and tires. Different road surfaces, tire inflating pressures and vehicle speeds may lead to slipping. Slipping is very dangerous.

The optimum method to stop slipping is lowering driving speed and keep cautious when you feel the road is wet enough.

Wading driving

In order to avoid damage to your vehicle, when passing a road with gathered water, please:

- Confirm the water depth before the wading driving. The maximum wading depth of the vehicle is 55cm.
- Do not drive faster than 10 km/h.
- The wave caused by front vehicle and head-on vehicle may exceed the maximum allowed wading depth.
- To avoid damage to your vehicle, please drive away from the flooded road as soon as possible.

Caution

If the vehicle stalls in water due to an accident, DO NOT restart the engine. Please contact our service dealer immediately. Please always keep the auto stop/start system OFF when wading through water.



Water and mud can affect the braking system and lengthen braking distance, leading to an accident!

- Slightly depress the brake pedal to keep brake parts dry and recover performance.
- Do not conduct an emergency brake when passing a slippery road.

Note: *The engine, drive system, transmission and electronic system of the vehicle may be severely damaged after the vehicle drives on a road with gathered water. Please go to Our Service Dealer for maintenance as soon as possible. In case water is found in the transmission system (front axle, rear axle, transfer case), replace the lubricant of transmission parts. Salt water is corrosive. The on-board components soaked by salt water must be washed with clean water.*

Catalytic converter



The catalytic converter will release a lot of heat (even within a short time after engine shutdown), which may cause a fire.

Do not operate or park the vehicle on any flammable object (such as paper, dry grassland or dry fallen leaves).

When the engine is running or after it is shut down within a certain period, and before the catalytic converter cools down, prevent any body parts from contacting the exhaust system.

The catalytic converter installed in the exhaust system is used for reducing exhaust pollution.

Starting and Driving

Caution

In order to protect the catalytic converter from being damaged, the following precautions must be observed:

- Use the fuel suitable for your vehicle. The Company assumes no responsibility for the mistake of filling a wrong type of fuel. If you fill a wrong type of fuel carelessly, contact our service dealer for service immediately. Do not start the engine.
- If the vehicle is difficult to start or driving performance degrades during driving, please drive the vehicle at low speed to our service dealer nearby for service.
- Do not drive with the fuel level extremely low. Running out of the fuel in driving may cause the engine unable to start.
- Do not start the vehicle by pushing or dragging.
- Do not shut down the engine during driving.

Precautions for Use of DPF (Diesel Particulate Filter)

Note: It applies to diesel-engine vehicle equipped with DPF (diesel particulate filter).

The main function of DPF is to collect particles in vehicle exhaust, and to remove particles collected in DPF through active and triggered regeneration in a certain period to achieve the function of recovering DPF to collect particles. Active regeneration refers to the function that the engine automatically starts to remove the particles in DPF collected from vehicle exhaust according to actual working conditions. Triggered regeneration refers to the regeneration that the current working conditions of the engine cannot meet the conditions for active regeneration and requires human intervention.

DPF virtual-button regeneration (applicable to vehicles equipped with such function)

Instrument alarm prompt

Level 1 alarm prompt: "Please drive at high speed or safely trigger DPF regeneration in situ" is continuously displayed on the instrument cluster message center; the "DPF warning light

(yellow)"  on the instrument cluster stays on. The status ball (Application Center -> System Application -> DPF Status) of DPF on the center console screen is displayed as yellow "Regeneration recommended" pattern, the "Start DPF

Starting and Driving

regeneration" button is highlighted and in triggerable state, and the buzzer prompts once.

Level 2 alarm prompt: "Ensure safety, and immediately trigger DPF regeneration in situ" is continuously displayed on the instrument cluster message center; the "DPF warning light (yellow)" on the instrument cluster flashes at a frequency of



1 Hz. The status ball (Application Center -> System Application -> DPF Status) of DPF on center console screen is displayed as red "Regeneration necessary" pattern, the "Start DPF regeneration" button is highlighted and in triggerable state, and the buzzer prompts once.

When the particle value exceeds the upper limit of DPF level 2 alarm value, the status ball (Application Center -> System Application -> DPF Status) of DPF on center console screen is displayed as red "Regeneration necessary" pattern, the "Start DPF regeneration" button is changed to the "Immediately reset DPF" button and highlighted, obtain the authorization code for resetting DPF particle value from the service station to perform the reset operation.

During the process of regeneration, the status ball of PDF on the center console screen will display DPF regeneration progress "xx%", and "DPF regeneration is in progress, please wait patiently" character prompt will show on the right side simultaneously.

After the regeneration is completed, the center console screen briefly pops out "DPF regeneration has been completed!" , and

the "DPF warning light (yellow)" on the instrument cluster goes out.

If regeneration cannot be entered, the instrument cluster will display "DPF cannot be regenerated due to xx (display reason code) reason, ** (display the operation content suggested to users)", and the center console screen will pop up the corresponding operation content suggested to users according to the reason of non-regeneration. DPF cannot be regenerated due to xx (display reason code) reason, reason code, corresponding reason and operation content suggested to users are as follows:

- 0: Engine is not started - please start the engine before operation
- 1: Coolant is not within a proper temperature range - please warm up engine until water thermometer exceeds the initial line
- 2: Engine oil is not within a proper temperature range - please warm up engine first
- 4: Fuel is not within a proper temperature range - please warm up engine first
- 5: Insufficient battery voltage - please charge first
- 7: Not in N gear - please shift into P gear or N gear before operation
- 8: The vehicle speed is not equal to zero - please park the vehicle before operation
- 9: Engine speed is not within a proper range - please release the accelerator pedal
- 10: Engine torque is not within a proper range - please release the accelerator pedal
- 11: Accelerator pedal is not released - please release the accelerator pedal
- 12: The upstream temperature of DPF is not within the proper range 1 - please warm up engine first
- 13: The upstream temperature of DPF is not within the proper range 2

Starting and Driving

- please idle for 3 minutes and try again

14: The upstream temperature of DOC (Diesel Oxidation Catalyst) is not within the proper range 1 - please warm up engine first

15: The upstream temperature of DOC (Diesel Oxidation Catalyst) is not within the proper range 2 - please idle for 3 minutes and try again

16: DPF particles are not within the set range - DPF has been seriously overloaded, please contact the service station for reset

17: There are faults related to DPF - vehicle is faulty, please contact the service station for treatment

18: There are faults related to engine - vehicle is faulty, please contact the service station for treatment

19: The maximum allowable regeneration time is exceeded - regeneration is not completed, please start the engine after being shut down

for 3 minutes. Click "Start regeneration" button again

20: The upstream temperatures of DOC (Diesel Oxidation Catalyst) and DPF do not reach the target value within the allowable time range 1

- please idle for 3 minutes and try again

21: The upstream temperatures of DOC (Diesel Oxidation Catalyst) and DPF do not reach the target value within the allowable time range 2

- please idle for 3 minutes and try again

22: The maximum allowable temperature 1 of upstream DPF is exceeded - please idle for 3 minutes and try again

23: The maximum allowable temperature 2 of upstream DPF is exceeded - please idle for 3 minutes and try again

24: The maximum allowable temperature 1 of upstream DOC (Diesel Oxidation Catalyst) is exceeded - please idle for 3 minutes and try again

25: The maximum allowable temperature 2 of upstream DOC (Diesel Oxidation Catalyst) is exceeded - please idle for 3 minutes and try again

26: Regeneration of service station is not activated - regeneration command of service station has not been sent, please click again DPF "Start regeneration" button

27: Brake pedal is not released - please release brake pedal before operation

Activate regeneration steps

- 1 Stop the vehicle, place the shift lever in P gear, activate the parking brake, and turn off the ignition switch for 2 minutes;
- 2 Start the vehicle;
- 3 Press "Start DPF regeneration" button (Application Center -> System Application -> DPF Status) on the center console screen, and DPF regeneration will start;
- 4 If the center console screen displays "Immediately reset DPF" button (Application Center -> System Application -> DPF Status), please follow the prompts on the center console screen, contact our service dealer for obtaining the authorization code for resetting DPF particle value, and after DPF particle value is reset, repeat the Step 3 to start regeneration.

Note: If the engine speed rises to 2,000 rpm, it indicates that the regeneration is triggered successfully; otherwise it is unsuccessful. Turn off the ignition switch and wait for 2 minutes, and then operate again according to the above steps. After the regeneration starts, unless you have to drive, please stay in P gear and keep the vehicle in stationary state. Do not perform other operations (e.g. depressing the brake pedal, the accelerator pedal, etc.) until the engine speed returns to idle speed.

Caution

DPF regeneration temperature is very high, please park the vehicle in an open and ventilated place, and make sure there are no inflammables (e.g. hay, oil, etc.) around during its usage. If the regeneration fails for several times, please go to our service dealer for processing.

Conditions of regeneration

- The DPF is overloaded, and the particle value exceeds the set value (the instrument panel shows level 1 and level 2 alarms).
- The water temperature is above 40 degrees Celsius.
- No DPF-related function error.
- The vehicle speed is 0, and the shift lever is placed in P gear.

Possible causes of regeneration failure

- The shift lever is not in P gear.
- The vehicle is not in stationary state (The vehicle speed is not zero).
- The accelerator pedal is depressed.
- The brake pedal is depressed.
- The engine conditions are not satisfied (for example, the water temperature is too low and the exhaust temperature is too high).
- The engine has DPF-related fault(s).
- The regeneration steps were not followed.

Regeneration steps for high load driving

- 1 Carry out high-load conditions cycles, such as high-speed driving (vehicle speed is maintained at 60km/h and above);
- 2 Drive the vehicle for about 20 minutes.

Special driving conditions

Under the following circumstances, the vehicle barely has no triggered regeneration, and the efficiency of active regeneration is generally low or even zero, requiring the attention of the drivers to try their best to avoid:

- Repeatedly start and stop the vehicle.
- Operate the vehicle at a low speed and a low load for a long time.
- The vehicle idles for a long time in stationary state.

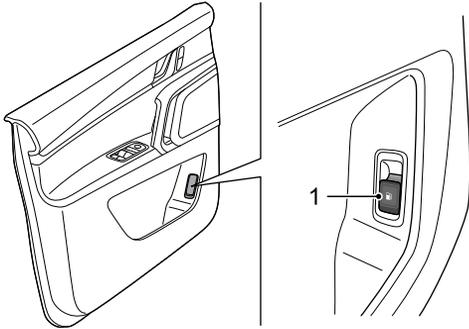
Caution

The cumulative amount of DPF/GPF carbon deposition will increase after a long time idling. If your vehicle needs to keep operating at idle speed for a long time, when the active regeneration function of the vehicle is enabled, please actively depress the accelerator pedal to allow the engine speed reach 2,000 ~ 2,500 rpm to assist the regeneration.

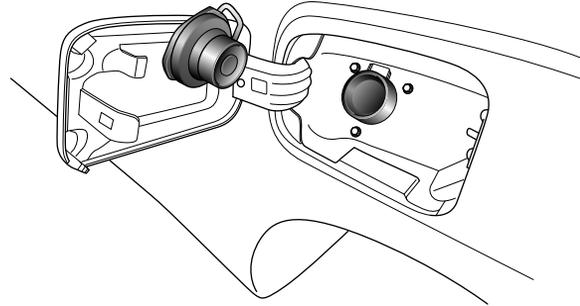
Fuel

Fuel filler cap

Before opening the fuel filler cap, please turn on the fuel filler flap opening switch (1) on the driver's door first, and then open the fuel filler flap from the vehicle interior.



Rotate the fuel filler cap counterclockwise to remove it, and secure it on the bracket of the filler flap, then refuel. After refueling, 3 clicks need to be heard when tightening the fuel filler cap clockwise, which indicates that the fuel filler cap has been tightened in place, then close the fuel filler flap.



Refueling



It is prohibited to mix fuel with engine oil, kerosene, paraffin, water or other liquids for use, which may damage the fuel system.

Do not fill so much fuel that the fuel can be seen in the filling port or overflows, leading to a fuel contact risk for you and other persons.

Please use the fuel of recommended grade or above according to the fuel filler label on your vehicle fuel tank. Please refer to "Recommended fluids" in General Technical Parameters section.

Caution

- It is recommended to use high-quality fuel free of additive or other engine cleaner.
- If you fill a wrong type of fuel by accident, contact our service dealer for service immediately. Do not start the engine at this time. If the engine is started with a wrong type of fuel filled, the fuel system components will be damaged severely. This kind of damage is not covered by warranty.



In order to prevent fuel from overflowing, please stop refueling when the fuel filler nozzle is automatically closed. If you continue refueling at this time, the fuel tank will be overfilled and the fuel will overflow when the outdoor temperature is high or the vehicle makes a turn.

Gasoline Detergent

Note: It applies to vehicles equipped with gasoline engine.

The gasoline detergent, with the functions of improving the vehicle driveability, cleaning the gasoline, fuel injector, air intake valve, combustion chamber and fuel pipeline system automatically and avoiding the carbon deposit in the engine, plays an important auxiliary role in protecting the good working condition of the engine, improving the combustion efficiency, lowering the fuel consumption as well as extending the service life of the engine.

Note: Service Dealer can provide certified gasoline detergent. For more detailed information about gasoline detergent usage, please consult Service Dealer.

Caution

- Please use the gasoline detergent recommended by Service Dealer.
- The gasoline shall be free of any additive unauthorized by the Company.

Starting and Driving

Saving fuel

Fuel consumption is mainly influenced by three factors:

- Vehicle maintenance mode
 - Please go to our service dealer for regular maintenance of the vehicle in accordance with the provisions in the "Warranty and Service Handbook".
 - Check the tire pressure periodically.
- Vehicle driving mode
 - Avoid high-speed driving at low gears (the gear shall be shifted), otherwise the vehicle will consume more fuel.
 - Frequent cold start and/or short-distance driving consumes a lot of fuel.
 - The vehicle will consume a lot of fuel when driving on a blocked or winding road or driving uphill.
 - Pre-consider possible risks to avoid emergency brake.
 - Make sure the parking brake handle is released completely during driving.
- Vehicle Load
 - The heavier the load is, the higher the fuel consumption is. Do not add unnecessary load.



The following driving precautions will help you to save fuel and protect the environment.

- Ensure the tire pressures are correct.
- Avoid accelerating immediately after starting, and avoid depressing the accelerator pedal all the way down.
- The driving time at low gears shall not be excessively long.
- Try to use the top gear when the engine runs steadily.
- Pre-consider possible barriers, crossroads, sharp bends or traffic lights, and adjust vehicle speed correspondingly in advance.
- If it is predicted that the traffic may be blocked for a long time or it is required to wait for a long time, please shut down the engine if allowed by safety conditions.

Precautions for cold weather



It is prohibited to use lamp oil (kerosene) as the additive.

In order to reduce possible problems related to the use of the fuel which may occur in cold weather, please consider the following suggestions:

- Please use the fuel conforming to winter requirements.

Starting and Driving

- Park the vehicle in an area where the fuel temperature can be maintained above -9°C.
- Fill the fuel tank after driving every day. This practice will reduce the possibility of fuel condensation and accordingly reduce the influence of water generated due to temperature rise after condensation on oil quality.
- Replace the element of fuel filter according to the recommended time interval (applicable to vehicles with fuel filter outside the fuel tank).
- Maintain the battery power in normal state.

Caution

Additive may degrade the lubricating property of fuel, accelerating wear and damage of engine and fuel injector.

Fuel hose

Hoses are used partially in the fuel pipeline; aging and other phenomena are unavoidable after being used for a long time. Please be sure to check the fuel hose regularly according to Warranty & Service Handbook, and replace it every 10 years/160,000km.

Automatic transmission

Gear position

P (Park)

 **Engaging P (park) gear during vehicle running will cause transmission damage. Do not use P (park) gear to replace the parking brake. Make sure the shift lever is in P (park) gear and the parking brake is completely applied. The vehicle must be stopped completely before shifting to P (parking) position. The transmission output gear is locked in this position to prevent driving wheel from moving.**

P gear is used to assist in parking and starting the engine.

R (Reverse)

 **Fully stop the vehicle before shifting to/out of R (reverse) gear; shifting to R gear during vehicle running will cause transmission damage.**

R gear is used for reversing.

Starting and Driving

N (Neutral)

 **When you stop the vehicle temporarily in N gear, please apply the parking brake or depress the brake pedal, otherwise there might be the risk of rolling or accident.**

While driving, please do not shift into N gear.

N gear is a non-power gear, in which the transmission system does not transmit power.

D (Drive)

D gear is a common forward gear, during normal driving, it is recommended to use D gear. The transmission can make adaptive adjustment of speed ratio, to achieve the optimal economy.

M (Manual)

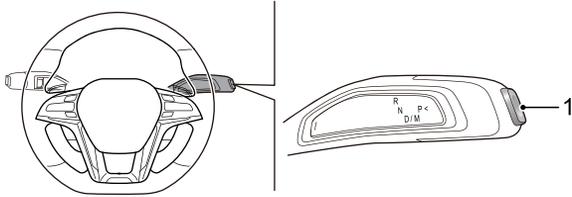
When accelerating the vehicle to overtake or driving uphill or downhill, it is recommended to use M gear.

Shifting operation

 **Situation of the mass surrounding the vehicle especially children must be checked before shifting to D (Drive) or R (Reverse) gear. Make sure the shift lever is in P (Park) position before leaving the driver seat; then set the parking brake and shut down the engine.**

To avoid damages to transmission, do not accelerate the engine under the condition of stepping on the brake pedal and shifting to R (Reverse) gear or D (Drive) gear. When the vehicle stops on a ramp, do not secure the vehicle with engine power. Please use the parking brake. When the engine rotates at a speed higher than 2500 rpm, do not shift from N (Neutral) or P (Park) gear to D (Drive) or R (Reverse) gear.

Starting and Driving



1 P gear button

Shift into P gear



When the vehicle is stationary, press the P gear button (1), and the vehicle engages the P gear.

Shift into R, N or D gear

- Current P gear



- Current N gear



2

Starting and Driving

- Current R gear



- Current D gear



Briefly push and pull the shift lever towards the required direction (two positions each for front and back). After releasing the shift lever, the shift lever will return to the middle position.

When shifting out of P gear and shifting into R gear, it is required to depress the brake pedal; when shifting into D gear, it is required to depress the brake pedal.

The engaged gear will be displayed on the shift lever and instrument cluster message center.

Caution

①: During driving in D/M gear, when operating the shift lever to this position, keep the shift lever for more than 1.5 seconds before shifting the gear. There is no such requirement for other positions.

M gear (manual mode)



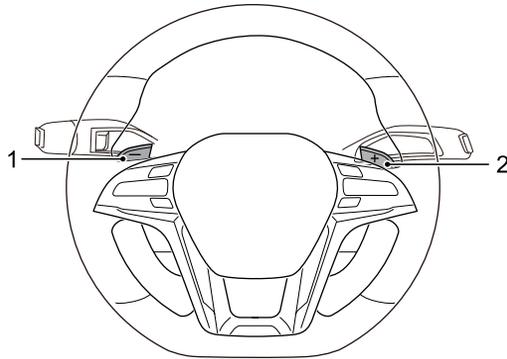
When in D gear in automatic mode, switch to M gear to select manual mode by moving the shift lever backwards. To return to D gear operation, move the shift lever backwards to return to D gear.

Starting and Driving

When in M gear in manual mode, upshift or downshift can be achieved by toggling the paddle. The gear displayed in the instrument cluster will indicate the current gear with a single alphanumeric character (M1 ~ M8).

Caution

①: During driving in D/M gear, when operating the shift lever to this position, keep the shift lever for more than 1.5 seconds before shifting the gear. There is no such requirement for other positions.



1 Downshift paddle

2 Upshift paddle

When in D gear in automatic mode, directly operate the steering wheel shift paddle to enter temporary manual mode. Toggle the paddle once more to upshift or downshift. The gear displayed in

the instrument cluster will indicate the current gear with a single alphanumeric character (M1 ~ M8).

Caution

The temporary manual mode is only used temporarily, not a long-term manual state. If the shift paddle is not operated for a period of time, the system will return to D gear in automatic mode.

2

Note: In M gear mode, after completely stopping the vehicle, press the P gear button to directly engage the P gear.

Caution

Under manual mode, if the gear shift time selected by the driver is unreasonable, or if upshift at low engine speed or downshift at high engine speed, the transmission will not respond, and the vehicle drives still in the current gear. When the vehicle drives in a certain gear, and the engine speed is lower than a certain value, the transmission will automatically downshift to an adjacent lower gear to avoid engine flameout; when the vehicle accelerates, and the engine speed rises up continuously to the maximum speed allowable by the gear, the driver needs to manually control the upshift.

Starting and Driving

Auto Park (automatically return to P gear) function

To ensure safety, when the vehicle is powered off in a non-P gear, the transmission will automatically engage P gear.

When the vehicle is stationary, if the driver unfastens the seat belt and does not depress the brake pedal and accelerator pedal, and meanwhile there is door open action, the transmission will automatically engage P gear to prevent rolling.

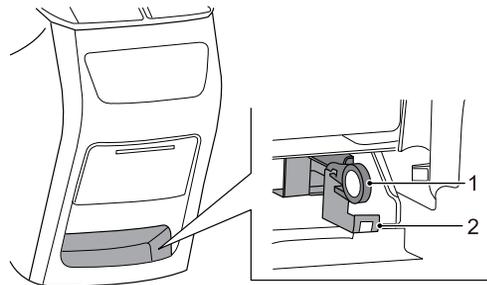
Manually release P gear lock (towing mode)

When the vehicle fails to move the shift lever out of P gear (dead battery, transmission controller failure, shifter failure, etc.), the transmission must be manually forced to shift from P gear to N gear before the towing can be carried out. Otherwise the transmission may be damaged.

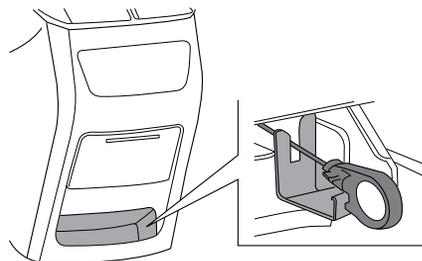
- 1 Go to the 2nd-row seat, grab the lower edge of the rear panel of auxiliary fascia console with both hands (the position shown in the figure), and pull it toward the rear of the vehicle to remove the rear panel of the auxiliary fascia console.



- 2 A yellow pull ring (1) and a metal bracket (2) can be seen after detachment.



- 3 Rotate the pull ring (1) to a vertical position, pass your finger through the pull ring (1) and lift it upwards, then pull it backwards, and clamp the pull ring (1) to the metal bracket (2), the transmission shift lever has been shifted to N from P.



Caution

If the vehicle is powered on or started at this time, the instrument will prompt "P parking lock failure" accordingly, indicating that the transmission is in P gear unlock state. After the P gear unlock cable returns to its original position, the prompt will disappear.

- 4 After moving the vehicle, follow the reverse operation steps of the above method immediately to restore the vehicle to avoid the vehicle being in the state of forcibly releasing the transmission P gear for a long time.

Note: *When it's required to manually release P gear, it indicates that problems exist, please contact our service dealer for service, and the professional personnel will recover P gear unlock cable and return the rear panel of auxiliary fascia console to its original position.*

Electric power steering unit

The electric power steering system enables you to steer with less force.

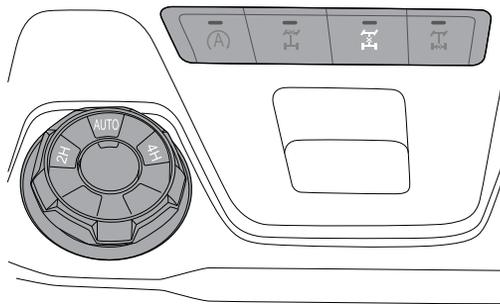
When the steering system fails or the engine shuts down (the vehicle is towed by another vehicle), the driver can still maintain full control over the steering while needs to apply greater force to operate the steering wheel.

Starting and Driving

Four wheel all-terrain EDL system

Super All Wheel Control (S-AWC) system

The 4WD system switch is located on the auxiliary fascia console. Use the 4WD switch to switch among 2H (high-speed two-wheel-drive), AUTO (automatic) mode, 4H (high-speed four-wheel-drive) mode. When a drive mode is selected, the instrument cluster will display corresponding instructions and indicators. The 4L (low-speed four-wheel-drive) mode of the four-wheel-drive system is activated by the  central lock switch, refer to "Electronic Differential Lock (EDL)" in this section for details.



Instructions before use

- Driving in 4H/4L mode on the dry road in good condition will increase the wear speed of wheels and vehicle noise, reduce fuel efficiency, and meanwhile easily cause damage

to the drive system components. Therefore 2H/AUTO mode is recommended under such driving condition.

- Large-angle turning is forbidden under 4H/4L mode on the road with high adhesion (urban road, expressway, etc.), otherwise it will easily damage the drive system components and cause abnormal wear of tire, even rollover accident in serious cases.
- When 4H/4L mode is used on off-road conditions, the speed must be controlled below 80 km/h under 4H mode, the system will sound an alarm when the speed exceeds 80 km/h, and the "4H indicator light" on the instrument cluster will flash; while the speed must be controlled below 40 km/h under 4L mode, the system will sound an alarm when the speed exceeds 40 km/h, and the "4L indicator light" on the instrument cluster will flash.
- Avoid driving the vehicle on low-adhesion roads for a long time in AUTO mode. If the driving time is too long, the instrument cluster may display the "4WD system overheating" warning and prompt tone.
- When 4H/4L mode is selected, some functions of electronic stability system (ESC), adaptive cruise system (ACC), auto parking system (APA), automatic start-stop and energy regeneration function are disabled, please drive carefully.
- When the "4WD malfunction warning light (red)"  on the instrument cluster illuminates, please drive immediately to our service dealer for vehicle inspection.

Starting and Driving

Instructions for switching S-AWC system

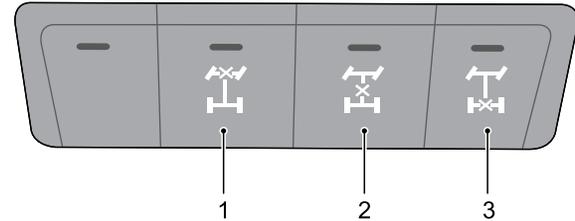
Corresponding operating switch on auxiliary fascia console	2H	AUTO	4H
Instrument cluster	2H	AUTO	4H
Drive mode	2H	AUTO	4H (4WD high-speed)
Driving Conditions	Use common drive mode on the road with high adhesion, such as expressway, urban road and other road in good condition.	Use common drive mode on the road with high adhesion, or mild off-road condition with low adhesion.	For road with low adhesion, such as snowy road, grassland, muddy road, sandy road and other road in poor condition.

Switching among 2H - 4H - AUTO

When the ignition switch is turned to "ON" position, and the vehicle is stationary or driving at a low speed, turn the 4WD knob. When the switching is successful, the "2H/AUTO/4H indicator light" on the instrument cluster will illuminate.

Electronic Differential Lock (EDL)

The electronic differential lock (EDL) switch is located on the auxiliary fascia console, and the differential lock switch is used to select ON/OFF state of the differential lock. EDL ensures that the non-slipping wheels can get enough torque to get the vehicle out of trouble.



- 1 Front lock switch
- 2 Central lock switch
- 3 Rear lock switch

Precautions before using EDL

- EDL applies to the slippery and poor road conditions, such as grassland, muddy road, sandy road, mud puddle, etc. Locking EDL on the dry road in good condition will increase the wear speed of wheels and vehicle noise, easily cause damage to the drive system components, and meanwhile there is risk of driving, therefore EDL is forbidden to use under such road conditions.

Starting and Driving

- Large-angle turning operations shall be reduced after locking EDL, otherwise it will easily damage the components of power train system and cause abnormal wear of tire.
- The central lock is used under special working condition, and it may be stuck when locking. When it fails to lock or unlock, please drive the vehicle at a speed less than 3 km/h forward or backward slowly, then try again.
- When the "EDL indicator light (red)"  on the instrument cluster illuminates, please drive immediately to our service dealer for vehicle inspection.

Rear axle EDL

Rear lock locking

When the ignition switch is turned to "ON" position, the vehicle speed is not more than 5 km/h and the wheel speed difference is not more than 70rpm, press the rear lock switch  to lock the rear lock. When it is successfully locked, the indicator light in the rear lock switch and the "EDL rear lock indicator light (green)" on the instrument cluster  will stay on.

Manual unlock of the rear lock

When the rear axle EDL is in locked state, press the rear lock switch , the "EDL rear lock indicator light (green)"  on

the instrument cluster will flash. After it is successfully unlocked, the indicator light in the rear lock switch and the "EDL rear lock indicator light (green)" on the instrument cluster will go out.

Automatic unlock of the rear lock

When the rear axle EDL is in the locked state, if the vehicle speed reaches 30-40 km/h, the "EDL rear lock indicator light (green)"  on instrument cluster will flash; if the vehicle speed exceeds 40 km/h, the EDL will be automatically unlocked, and the "EDL rear lock indicator light (green)" will go out.

Central EDL

Central lock locking

The ignition switch is turned to "ON" position, the vehicle is in stationary state, and the shift lever is pushed to N position. Press the central lock switch  to lock the central lock. After it is successfully locked, the indicator light in the central lock switch and the "EDL central lock indicator light (green)"  on the instrument cluster will stay on.

Central lock unlocking

The ignition switch is turned to "ON" position, the vehicle is in stationary state, and the shift lever is pushed to N position. Press the central lock switch  or turn the 4WD knob to unlock the central lock. After it is successfully unlocked, the indicator light

Starting and Driving

in the central lock switch and the "EDL central lock indicator light (green)"  on the instrument cluster will go out.

Caution

The central lock switching time is about 3 to 5 seconds. Please wait patiently during the switching, and the transmission gear can be changed only after the switching is successful.

Front axle EDL

Front lock locking

When the ignition switch is turned to "ON" position, the vehicle speed is not more than 5 km/h, the wheel speed difference is not more than 70rpm, and the central lock and the rear lock are both in locked state, press the front lock switch  to lock the front lock. When it is successfully locked, the indicator light in the front lock switch and the "EDL lock indicator light (green)" on

the instrument cluster  will stay on.

Manual unlocking of the front lock

When the front axle EDL is in locked state, press the front lock switch  or the central lock switch  or the rear lock switch , the "EDL front lock indicator light (green)"  on the

instrument cluster will flash. When it is successfully unlocked, the indicator light in the front lock switch and the "EDL front lock indicator light (green)" on the instrument cluster will go out.

Automatic unlocking of the front lock

When the front axle EDL is in the locked state, if the vehicle speed reaches 30-40 km/h, the "EDL front lock indicator light (green)"  on instrument cluster will flash; if the vehicle speed exceeds 40 km/h, the EDL will be automatically unlocked, and the "EDL front lock indicator light (green)" will go out.

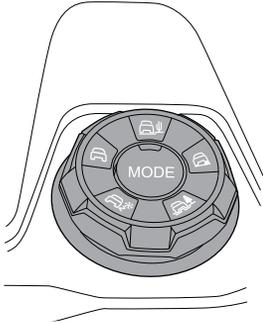
2

Starting and Driving

All-Terrain System (ATS)

According to the terrain mode selected by the driver, the ATS system automatically optimizes the power and chassis control systems to adapt to the corresponding terrain, thereby effectively improving the vehicle's trafficability, stability and off-road capability.

The ATS switch is located on the auxiliary fascia console. The ATS switch can be used to select  Normal,  SNOW,  MUD,  SAND,  ROCK mode and switch among these modes. When a drive mode is selected, the instrument cluster message center will display corresponding instructions and indicators. At the same time, with the CUSTOM mode, the driver can freely combine the modes of the power system (POWER), steering system (EPS), and electronic stability system (ESC) through the center console screen.



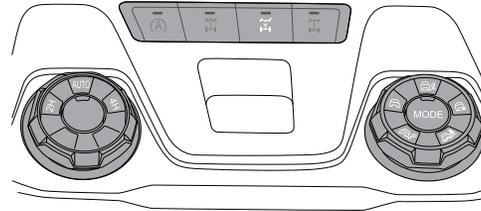
Instructions before use



- When the "ATS malfunction warning light (red)"  on the instrument cluster illuminates, please drive immediately to our service dealer for vehicle inspection.

Instructions for switching ATS system

The ATS system relies on the 4WD mode, and the relevant all-terrain mode can be selected in different 4WD modes.



2H mode

Turn the ignition switch to "ON" position, the  Normal is by default in 2H mode, and can not be switched to other modes.

AUTO mode

Turn the ignition switch to "ON" position, and when the vehicle is in AUTO mode, turn the ATS knob to switch between  Normal

Starting and Driving

and  SNOW modes. When certain mode is selected, the corresponding indicator will illuminate.

4H mode

Turn the ignition switch to "ON" position, and when the vehicle is in 4H mode, turn the ATS knob to switch among  Normal,  MUD and  SAND modes. When certain mode is selected, the corresponding indicator will illuminate.

(Central lock/4L low-speed four-wheel-drive) mode

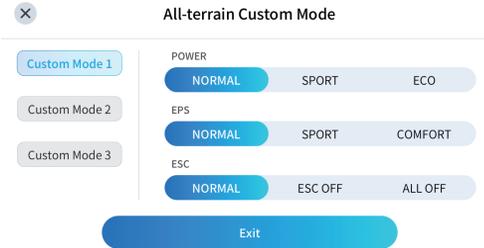
Turn the ignition switch to "ON" position, and when the vehicle is in 4L mode, turn the ATS knob to switch among  Normal,  SNOW,  MUD and  ROCK modes. When certain mode is selected, the corresponding indicator will illuminate.

MODE (Custom setting) mode

You can customize the drive mode, steering mode and ESC state of the vehicle according to your driving demands, so that the vehicle is more suitable and comfortable for you to drive.

When the ignition switch is turned to "ON" position, and the vehicle is in 2H or AUTO or 4H Normal mode, press the MODE switch, a prompt will pop up on the center console screen: "Hello user! Welcome to the MODE mode of the All-Terrain System. Some combined configurations in the MODE mode may not match your driving habits, if your driving experience is affected, don't be nervous and you just need to adjust each

mode to Normal mode." Click the "OK" button on the interface to enter the MODE mode.



The driver can customize the drive mode, steering mode and ESC state of the MODE mode 1, 2 and 3 according to your driving demands. Press the MODE button or turn the ATS knob to exit the MODE mode.

Definitions of POWER mode, EPS mode and ESC mode:

- POWER mode: NORMAL, SPORT and ECO can be selected.
 - NORMAL: Comprehensively considering the vehicle dynamic property and economy, suitable for various road surfaces.
 - SPORT: Improve the dynamic property of the vehicle, and bring a higher level of responsiveness and driving & riding experience. It is suitable for flat and wide roads with few vehicles.
 - ECO: Improve vehicle fuel economy, suitable for flat and rigid roads such as urban roads and paved roads.

Starting and Driving

- EPS mode: NORMAL, SPORT and COMFORT can be selected.
 - NORMAL: For general driving habits.
 - SPORT: Reduce steering boost and increase steering wheel feedback.
 - COMFORT: Increase the steering boost, the steering is easier.
- ESC mode: NORMAL, ESC OFF and ALL OFF can be selected.
 - NORMAL: Electronic Stability Control (ESC) is on.
 - ESC OFF: Traction Control System (TCS), Vehicle Stability Control (VDC) are turned off.
 - ALL OFF: ESC is off.

Starting and Driving

4WD system operating switch	ATS operating switch	ATS mode indicator	Drive mode	Driving Conditions
2H			NORMAL	It is applicable for ordinary roads and highways (2WD state).
AUTO			NORMAL	It is applicable for ordinary roads and highways (real-time 4WD state).
			SNOW	It is applicable for mild off-road conditions with low adhesion, such as snowy road, packed-snow road.
4H			NORMAL	It is applicable for moderate off-road conditions such as desert crossing, rainforest crossing, and rural muddy road.
			MUD	It is applicable for muddy, loose or rough unpaved road conditions.
			SAND	It is applicable for soft sandy land, dry sand in the desert/beach/dune/desert, and deep gravel road conditions.
4L			NORMAL	It is applicable for poor road conditions such as vehicle rescue on unpaved roads and steep slope climbing.
			SNOW	It is applicable for poor road conditions with low adhesion coefficient, such as in deep snow, on grass, in rainy and snowy days.
			MUD	It is applicable for muddy road, deep ditch, serious loose or rough unpaved road conditions.
			ROCK	It is applicable for poor road conditions, such as dry rivers, gobi, roads with large height difference, steep slope, etc.
2H/AUTO/4H	MODE		CUSTOM	Customize your vehicle's drive mode, steering mode, and ESC switch.

2

Note: When off-road mode (SNOW, MUD, SAND, ROCK) is selected, some functions of electronic stability system (ESC), adaptive cruise system (ACC), auto parking system (APA), automatic start-stop and energy regeneration function are disabled, please drive carefully.

Starting and Driving

Crawl control system

Note: *It applies to vehicles configured with crawl control system.*

! The crawl control mode is only an auxiliary function, which cannot replace the driver's judgment on the road and traffic conditions, nor can it replace the driver's driving. In any case, the driver should be responsible for the safety of the vehicle and must always concentrate on safe driving.

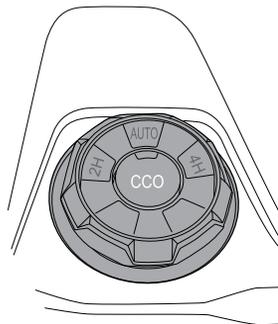
Incorrect use of crawl control mode can result in a crash.

In case the wheel slips on one side when the vehicle is in crawl control mode, please lock the differential lock of the front and rear axles in time.

If the crawl control mode is in continuous use for a long time, or the brake pedal is pressed several times during normal driving, some systems may overheat. In this case, the relevant warning message will be displayed on the instrument cluster, "CCO (Crawl Control) indicator light" will go out or the yellow indicator light will illuminate, please park the vehicle in a safe place immediately and shut down the engine to cool down the related systems.

Your vehicle may be equipped with the crawl control system. With the crawl control mode, you only need to concentrate on

the steering wheel, and keep the vehicle at the set speed without pressing the accelerator or applying the brake. When the EDL center lock is locked and the vehicle is in D/M/R gear, the crawl control mode can be used when driving on off-road conditions, bumpy road conditions or when the vehicle is out of trouble to avoid changes in the throttle opening due to road bumps.



CCO: Crawl control ON/OFF switch. Press this switch to turn on/off the crawl control system. The "CCO indicator light" on the



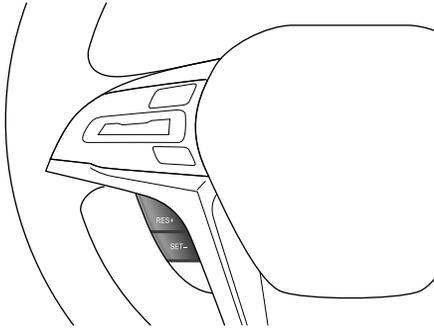
instrument cluster will illuminate or go out. To enable the crawl control system, the following basic conditions must be met:

- The current vehicle speed is less than 20 km/h.
- The driver's door is fully closed.
- The driver properly fastens his/her seat belt.
- The EDL central lock is in locked state.

Starting and Driving

- Start the engine and engage in D or M or R gear.
- The parking brake is not applied.

There are 9 gears for crawl control mode. The target gear of crawl control mode can be set by the following method and displayed on the instrument cluster.



RES+: Upshift switch.

SET-: Downshift switch.

Depress the accelerator or brake pedal, adjust the vehicle to the desired speed and release the pedal.

Note: When the cruising speed exceeds 20 km/h, the crawl control mode enters the standby state; when the cruising speed exceeds 35 km/h, the crawl control mode is automatically turned off.

! In some situations, the crawl control mode may not be able to maintain a constant low speed, thus resulting in an accident, such as: steep slopes, rough roads, icy or slippery roads, etc.

Some typical terrains and corresponding gear settings are listed below for your reference:

CCO target gear setting	Road conditions
1st gear ~ 2nd gear	Rocky road, bumpy road (downhill), cross-axis road
3rd gear ~ 4th gear	Bumpy road (uphill), gravel road (downhill)
5th gear ~ 6th gear	Snow or muddy ground, gravel road (flat or uphill)
7th gear ~ 9th gear	Sand, muddy road, grass

Starting and Driving

Brake system

Service brake

Dual brake hydraulic system

 A failure in one of the hydraulic pipelines will be indicated by illumination of the "braking system

warning light (red)"  on the instrument cluster while driving; it will result in increased brake pedal travel and effort, and longer braking distance. Do not pump the brake pedal in an attempt to restore pedal pressure. If there is pressure failure in one of the brake pipelines, the cause must be investigated. **IMMEDIATELY** bring the vehicle carefully to a halt. **Immediately** contact our service dealer for service. **Do NOT** continue driving.

Should one of the hydraulic pipelines fails, the other circuit will continue to function.

General state

 Always ensure that floor mats or other objects do not disturb brake pedal movement.

Never rest your foot on the brake pedal as this may overheat the brakes, reduce their efficiency and cause excessive wear. If brake pads/shoes have worn excessively, a squealing or screeching noise will be heard when the brakes are applied, and braking efficiency will be affected. Contact our service dealer for service as soon as possible.

If the engine stops running due to some causes, the brake boost will considerably attenuate after 2 pedal operations have been conducted on the brake booster; to achieve the expected brake effect, a larger force shall be applied on the pedal. In these circumstances the braking distance may be longer.

If the vehicle is not in regular use or is garaged for long periods, the efficiency of the braking system could be impaired. Contact our service dealer for service as soon as possible.

Wet state

 **Driving in heavy rain and slushy roads will reduce braking efficiency. In the case, you should keep normal driving distance. In winter, ice can form or salt may accumulate on the brake pads and discs. Ice and salt accumulation will be cleaned off after intermittently light applications of the brake pedal.**

In winter, ice can form or salt may accumulate on the brake pads and discs. Ice and salt accumulation will be cleaned off after intermittently light applications of the brake pedal.

Descending steep hills

 **Overheating the brakes will reduce braking efficiency and may also cause the vehicle to pull to one side.**

For a steep slope which requires to apply the brake constantly, a lower gear shall be selected before driving downhill to reduce the required brake force.

ABS (Anti-lock Brake System)

ABS is used to prevent the road wheels from locking under emergency braking, thereby helping you maintain steering control. No special driving technique is needed.

Under normal braking (where sufficient road surface friction exists to prevent wheel lock), the ABS will not be activated.

An integral feature of this brake system is Electronic Brake Distribution (EBD), which is used to optimize the braking force at the rear wheels under full load condition.

Important rules for emergency brake with ABS On:

- 1 Completely depress the brake pedal.
- 2 Bypass the obstacle. No matter how much brake force is used, you can always maintain the control on direction.

Starting and Driving

ABS Function



ABS may not be able to shorten the brake distance, depending on road surface conditions, brake distance may vary significantly. In fact, when the vehicle without ABS drives on some roads (e.g., gravel road or snowy road), the brake distance may be shorter.

ABS cannot overcome the physical limitations of stopping your vehicle in too short a distance, cornering at high speed, or aquaplaning, i.e. where a layer of water prevents adequate contact between the tires and the road surface.

ABS must never tempt you to take risks that could affect your safety or that of other road users. You still have a duty to drive within normal safety margins, having due consideration for the road surface, weather and traffic conditions.

If the braking force you use exceeds the available adhesion between the tires and the road, causing one or more wheels to be locked, then ABS will automatically come into operation. You will hear the sound of a rapid pulsation which will also be felt through the brake pedal.

Even when making emergency braking on a slippery road surface, be sure to fully depress the brake pedal. ABS is activated; it constantly monitors the speed of each wheel and

varies the braking pressure to each according to the amount of friction available.

This prevents the wheels from locking and enables steering control to be maintained.

Precautions for driving a vehicle with ABS

- In case of emergency braking, fully depress the brake pedal.
- Under normal braking, apply steady pressure to the brake pedal - DO NOT PUMP IT.
- Remember that steering control will always be available during braking.
- The availability of ABS does not eliminate the dangers of driving too close to the vehicle in front, aquaplaning, excessive cornering speeds, etc.
- ABS does NOT guarantee shorter braking distances.
- Do not be alarmed if you hear and feel a pulsing at the brake pedal. This is normal and indicates that the ABS is in operation.

Starting and Driving

ESC (Electronic Stability Control)

Functions of ESC

ESC covers the functions of ABS, EBD, TCS, VDC, HBA, RMI, HHC, AUTO HOLD, ATS and HDC.

ESC indicator on the instrument cluster flashes when the ESC is operating. You may hear some noise or feel the vibration of brake pedal, which is normal.

When the ignition switch is placed in "ON" position, "ESC

indicator (yellow)"  will illuminate and go off after several seconds. In normal driving conditions, ESC indicator keeps off, and ESC is in monitoring state. When the ESC indicator flashes, it indicates ESC is operating. You may hear some noise or feel the vibration of brake pedal, which is a normal phenomenon. In case of ESC failure, ESC indicator will stay On. Please take the vehicle to our service dealer for ESC inspection.

ESC switch is located on the center console screen, ESC can be turned off with ESC OFF button, and when ESC function is

turned off, "ESC OFF indicator (yellow)"  illuminates and only ABS and EBD functions are available.

EBD (Electronic Brake-force Distribution)

EBD automatically detects the grip conditions between wheels and ground, distributes the brake force optimally to 4 wheels, so as to improve brake efficiency and driving stability.

TCS (Traction Control System)

TCS automatically controls the driving force at the start-off and acceleration to prevent wheels from spinning, so as to maintain the driving stability.

VDC (Vehicle Dynamics Control)

VDC is an advanced computer system, which can help you to control the vehicle driving direction in severe driving conditions. When the computer detects the deviation between the expected driving route and the actual driving direction, VDC system may selectively apply brake pressure on one or more brakes of the vehicle so as to keep the vehicle driving in the direction commanded.

HBA (Hydraulic Brake Assist)

In case of emergency braking, usually the driver can step on the brake pedal quickly, but the braking force may not reach the maximum deceleration that the vehicle and the ground can provide. HBA function supports to provide additional braking force in such emergency braking conditions.

Starting and Driving

RMI (Roll Movement Intervention)

RMI can identify the vehicle rollover trend as early as possible by monitoring the turning angle of steering wheel and lateral acceleration, and apply braking to one or more wheels to prevent the rollover to the greatest extent.

HHC (Hill Hold Control)

When the vehicle drives uphill, HHC can prevent the vehicle from sliding backwards after the driver releases the brake pedal. An interval up to 2 seconds is available for the driver to shift his foot from the brake pedal to the accelerator pedal so as to successfully drive off on a slope.

AUTO HOLD

The ESC runs together with the EPB to help your vehicle park in any stationary condition without depressing the brake pedal all the time. Please refer to "AUTO HOLD" in this section for specific usage.

ATS (All-Terrain System)

In different drive modes, ESC responds to different road conditions by controlling the engine's different torque requests and braking forces. Please refer to "All-Terrain System (ATS)" in this section for detailed content.

HDC (Hill Descent Control)

When the vehicle is running downhill, the HDC function can help the driver keep the speed constant, allowing the driver to focus just on the steering wheel.

Precautions for driving a vehicle with ESC

ESC can detect and analyze vehicle conditions, and take preventive measures by correcting wrong driving operation. However, anything has its limit and no safety device is absolutely safe if the driver blindly drives the vehicle over-speeding.

EPB (Electronic Parking Brake)

The EPB switch (Ⓟ) is located in front of the central armrest. Use EPB switch to control the application or release of parking brake.

Instructions before using EPB

- The EPB can be used as long as the ignition switch is in ACC/ON position. Do not operate the EPB switch repeatedly when the vehicle is not running to prevent excessive discharging of the battery. EPB is unable to be applied or released when the battery power is insufficient.
- The EPB can prevent accidental slipping when starting off on a slope. The EPB will be automatically released only when the vehicle traction is greater than the sliding force.
- When the normal braking operation of the vehicle fails, the emergency braking function can still stop the vehicle. Please refer to the "Emergency braking function" in this section for details.
- It is normal to make a slight noise when switching on or off the electronic parking brake, please don't worry.
- When the power supply of the vehicle is cut off, the parking brake cannot be released under the applied state, and the brake cannot be applied under the released state, please connect the external power supply.
- If the "EPB (Electronic Parking Brake) indicator (red)"



does not turn on or off when you operate the EPB switch, or the "EPB (Electronic Parking Brake) malfunction

warning light (yellow)"



illuminates and the EPB cannot be released through normal operation, please contact our service dealer.

- Do not perform EPB on the road with the slope more than 30%, otherwise the vehicle may slip. If the EPB fails to fully brake when parking on the road beyond a defined slope, the driver can stop the vehicle from sliding by depressing the brake pedal.

2

Parking

Manual hold

- 1 The ignition switch is in "ON" position, or the engine is running.
- 2 Maintain the vehicle in stationary state.
- 3 Pull up the EPB switch (Ⓟ) to apply the parking brake. If the "EPB indicator (red)" on the instrument cluster illuminates, the parking brake is applied successfully.
- 4 Move the shift lever in P gear when parking.
- 5 When the vehicle is on a slope, please turn the steering wheel to ensure that the vehicle is aimed at the curb when there is a slip.

Automatic EPB pull-up function

EPB (Electronic Parking Brake) has automatic pull-up at flameout/power-off function. You can select to enable the

Starting and Driving

automatic EPB pull-up at power-off function on the center console screen by the switch titled "Automatic EPB Pull-up at Flameout".

This function is enabled by default, that is, EPB will be automatically pulled up when the vehicle is powered off in flameout state. If you select to disable this function, it will take effect only in current ignition cycle. In next ignition cycle, this function will automatically restore as enabled.

When this function is disabled, you need to power off in P gear to ensure that EPB will not be automatically pulled up. Refer to the following processes for the operation steps:

- 1 Park the vehicle stably and engage in P gear.
- 2 Use EPB switch to release EPB.
- 3 Click the button on the center console screen to disable the function.
- 4 Shut down the engine and power off, lock the vehicle and get off.

Caution

When the function is disabled, be sure to park the vehicle on flat ground to ensure safe parking.

Start-off

Manual Release of EPB

- 1 The ignition switch is in "ACC/ON" position.

- 2 Depress the brake pedal.
- 3 Press the EPB switch (Ⓟ) to release the parking brake. When the "EPB indicator (red)" on the instrument cluster goes out, the parking brake is released.

Automatic release of EPB

 **When the vehicle is stopped and the engine is running, if a gear is engaged, then never depress the accelerator pedal. Otherwise the vehicle will immediately move on its own and there might be the risk of accident.**

- 1 The ignition switch is turned on.
- 2 The driver has fastened his/her seat belt.
- 3 Transmission is in gear position.
- 4 Accelerator pedal is depressed. When starting off on a level ground or a slope, depress the accelerator pedal. When the traction is greater than the sliding force, the parking brake will be automatically released, the "EPB indicator (red)" on the instrument cluster will go out, and the vehicle starts to move.

Emergency braking function

Pulling and holding the EPB switch will activate the emergency braking function. At this point, the vehicle will activate the hydraulic brake system to brake the four wheels, and the braking effect is like depressing the brake pedal forcefully.

Starting and Driving

The emergency brake will stop as soon as the EPB switch is released.

Caution

This function is used when the normal braking operation has failed.

AUTO HOLD

AUTO HOLD is located on center console screen. Use this Auto Hold switch to control the on or off of AUTO HOLD system.

The AUTO HOLD system supports the driver to reduce driving fatigue when the vehicle often encounters traffic lights or stops and goes repeatedly. The Auto Hold function enables the parking brake to release automatically when starting off, and the vehicle to park automatically when it is stationary.

2

AUTO HOLD ON

Caution

These conditions may be required to enable AUTO HOLD function: the driver's door is closed; The driver's seat belt is fastened; The engine is started.

When the AUTO HOLD switch is turned on, the "AUTO HOLD

**AUTO
HOLD**

indicator (white)" on the instrument cluster will illuminate. When the vehicle is stationary and the "AUTO HOLD indicator (green)" on the instrument cluster illuminates, if AUTO HOLD is operating, first perform ESC to hold pressure and stop vehicle. 10 minutes later, if the vehicle is still in stationary state, ESC will request for EPB. The "AUTO HOLD indicator (white)"

goes out, and the "EPB indicator (red)"  illuminates.

Starting and Driving

During operation of the AUTO HOLD, opening the door or unfastening the seat belt will activate the EPB. The "AUTO HOLD indicator (white)" goes out and the "EPB indicator (red)" illuminates.

If you depress the accelerator pedal as usual, the parking brake will be automatically released and the vehicle will start. The "AUTO HOLD indicator (white)" on the instrument cluster illuminates, and the AUTO HOLD is in standby state.

Disable AUTO HOLD

When the AUTO HOLD switch is turned off, the "AUTO HOLD indicator (white)" on the instrument cluster will go out, and the AUTO HOLD function is disabled.

 **Do not perform auto hold on the road with the slope more than 30%, otherwise the vehicle may slip.**

When the "AUTO HOLD indicator (yellow)"  on the instrument cluster illuminates, it means the AUTO HOLD system is faulty, please drive immediately to our service dealer for vehicle inspection.

HDC (Hill Descent Control)

HDC (Hill Descent Control)

When driving on a long downhill road with a relatively great gradient, if the vehicle speed is within a certain speed range, there is no need for the driver to depress the brake pedal and accelerator pedal, and the vehicle will run at a low speed automatically, so as to ensure the vehicle goes downhill steadily; at this time, the driver can correct the automatically controlled speed of system through brake pedal and accelerator pedal.

HDC is located on center console screen. Use this switch to control the on or off of HDC system.

When the vehicle speed is within the range of 35 - 60 km/h, HDC is inoperative but in standby state.

When the vehicle speed is higher than 60 km/h, HDC function automatically exits. To enable it again, you need to press the HDC switch on center console screen again.

When the vehicle is powered on, HDC function is disabled by default. When the HDC switch is turned on, "HDC indicator

(green)"  on the instrument cluster illuminates, and HDC function is in standby state. When HDC operates, "HDC indicator (green)" will flash; if "HDC indicator (yellow)" illuminates, it indicates the HDC system is faulty. Please drive the vehicle to our service dealer for ESC system inspection. When the HDC switch is turned off, the "HDC indicator (green)"

on the instrument cluster will go out, and the HDC function is disabled.

Note: *HDC function is used to assist the driver to go downhill steadily at a low speed, and it is not recommended to enable this function on a non-ramp road.*

Warning lights

Warning lights related to brake system include "Brake system warning light (red)", "ABS warning light (yellow)", "EBD warning light (red)", "ESC indicator (yellow)", "ESC OFF indicator (yellow)", "EPB indicator (red)", "EPB malfunction warning light (yellow)", "AUTO HOLD indicator (white)", "AUTO HOLD indicator (green)", "AUTO HOLD indicator (yellow)", "HDC indicator (green)" and "HDC indicator (yellow)", please refer to "Warning lights and indicators" in Before You Drive section.

Cruise control system



Cruise control can be dangerous where you can not drive safely at a steady speed. Therefore, do not use the cruise control on winding roads or in heavy traffic. It is also dangerous to use the cruise control system while driving on a slippery road. On such roads, fast changes in tire traction can cause excessive wheel spinning, and you could lose control. Do not use the cruise control on a slippery road.

Your vehicle may be equipped with the cruise control system. With the cruise control, you can maintain the vehicle speed at 40km/h or above without keeping depressing the accelerator pedal. The cruise control system does not work when the vehicle speed is less than 40 km/h.

For safety concerns, after starting the vehicle, it is necessary to detect the effective brake signal before entering the cruise control system.

For vehicles with the traction control system or electronic stability control system, the system starts to limit wheel spinning when the cruise control system is working. In case of this situation, the cruise control will be automatically disabled.

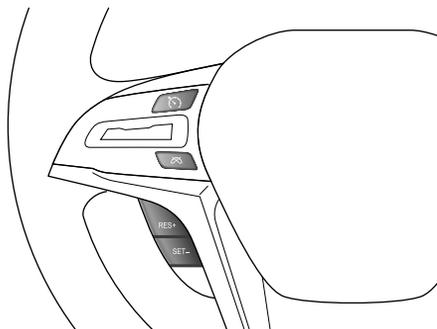
Starting and Driving

Cruise control settings

Setting cruise control

! If the cruise control stays on when you do not use it, you may touch the switch and accidentally enter the cruise state. Then you may get scared and lose control of the vehicle. Therefore, keep the cruise control switch "Off" until you need to use the cruise function.

The cruise control switch is located on the steering wheel.



: cruise on/off switch. Press this switch to turn the cruise control system on or off. The "cruise control indicator" in the instrument cluster illuminates or goes out accordingly.

: cruise cancel switch. Press this switch to cancel the cruise function without clearing the set speed in the memory.

RES+: cruise recovery/acceleration switch. If there is a set speed stored, press this switch to resume that speed; press this switch again to accelerate (1 km/h increase per time).

SET-: cruise setting/deceleration switch. Press this switch to set a speed. Then the cruise function will be enabled and the "cruise control indicator" on the instrument cluster will turn green from white. If the cruise function is operating, press this switch to decelerate (1 km/h decrease per time).

Setting speed

- 1 Press , to turn on the cruise control system. Meanwhile the "cruise control indicator (white)" in the instrument cluster will illuminate.
- 2 Accelerate to the desired speed.

Note: This speed must be higher than 40km/h.

- 3 Press SET- switch and then release it. Then the current speed will be stored and maintained and the "cruise control indicator" on the instrument cluster will turn green from white.
- 4 Release the accelerator pedal, and then the vehicle will cruise at a steady speed. The cruise control function will be disabled when the brake is applied.

Resume the set speed

If you have set the cruise speed of the cruise control system, the cruise control function will be disabled if you depress the brake pedal or press , but this set speed in the memory will not be

cleared. To resume the pre-set speed, press RES+ switch when the vehicle speed reaches 40 km/h or above, and the vehicle will resume the pre-set speed.

Accelerating with cruise control enabled

There are two methods to accelerate:

- Accelerate by depressing the accelerator pedal.
- If the cruise control system has been enabled, press RES+, and hold it until the vehicle accelerates to the desired speed, and then release it. To accelerate by minor increment, press RES+ and then release it. Each time this is done, the vehicle goes about 1 km/h faster.

Decelerating with cruise control enabled

If the cruise control system has been enabled:

- Press SET-, and hold it until the vehicle decelerates to the desired speed, and then release it.
- To decelerate by minor increment, press SET- and then release it. Each time this is done, the vehicle goes about 1 km/h slower.

Overtaking with cruise control enabled

Speed up with the accelerator pedal. When you release the accelerator pedal, the vehicle will decelerate to the pre-set cruise control speed.

Using cruise control on slopes

The performance of cruise control system on a slope depends on the vehicle speed, load as well as the gradient of the slope. When the vehicle runs uphill, it may be required to depress the accelerator pedal to maintain the vehicle speed. When the vehicle runs downhill, it may be required to brake or shift to a lower gear to maintain the vehicle speed. The cruise control function will be disabled when the brake is applied.

2

Terminating cruise control

There are three ways to disable the cruise control:

- Slightly depress the brake pedal once; the "cruise control indicator" in the instrument cluster will turn white from green when the cruise control is disabled.
- Press .
- Press  to turn off the cruise control system completely. The cruise control speed will not be resumed.

Clearing speed memory

When you press  or turn off the ignition switch, the cruise control set speed memory will be cleared.

Starting and Driving

Parking assist system

Note: *The type of parking assist system equipped on your vehicle is subject to the actual vehicle configuration purchased.*

Camera provides visual aids for the parking assist system. Please refer to "Camera" in Driver Assistance System for details. Ultrasonic radar provides target acquisition for the parking assist system. Please refer to "Radar" in Driver Assistance System for details.

Parking sensor



The parking assist system is not always reliable and is only playing the role of guidance! The parking sensors might not detect some types of obstacles, including slim objects (such as wire nets and ropes), small objects closing to the ground, conic objects, and some objects with non-reflective surfaces.

The sensors shall be free of dirt, ice, and snow. The sediment on surfaces of sensors will impair the normal functioning of the sensors. Therefore, avoid directly flushing the sensors from a short distance by a high pressure water gun while washing your vehicle.

The sensors installed on the rear bumper are functioned to scan the area behind the vehicle, in order to judge the presence of

obstacles. Upon detection of any obstacle, the parking sensors will calculate its spacing from the rear of the vehicle and send the information to the driver by alerting tones. It's really important that this system is only a parking assist system and can't function as the replacement for your observation and personal judgment.

Working status of parking sensor assist system

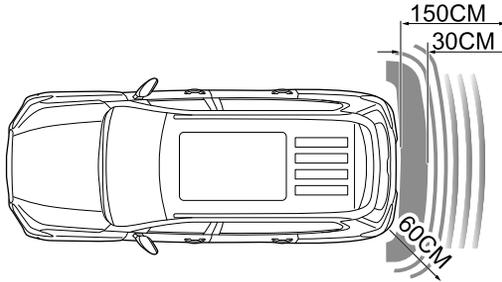
After selecting the reverse gear, the parking assist system will give out a prompt tone of 0.5s to indicate the operation started automatically. When selecting other gears, the parking assist system will stop working.

Note: *If the system gives out a prompt tone of 3s after the reverse gear is selected, it indicates that the system has a malfunction. Contact our service dealer for service as soon as possible.*

Parking process

When the two middle radars in the rear of the vehicle are about 150cm away from the obstacle, or when the radars on both sides are about 60cm away from the obstacle, the parking assist system starts to make alarm sounds. And the alarm sound become harsher when the vehicle is approaching the obstacle.

When the distance of the vehicle from the obstacle is less than 30cm, the parking assist system will sound a long alarm. At this moment, it is impossible to effectively identify the obstacle if you continue to reverse the vehicle.



Front and rear sensors

! The parking assist system is not always reliable and is only playing the role of guidance! The sensors might not be able to detect some types of obstacles, including slim objects (such as wire nets and ropes), small objects close to the ground, conic objects, and some objects with non-reflective surfaces.

The sensors shall be free of dirt, ice, and snow. The sediment on surfaces of sensors will impair the normal functioning of the sensors. Therefore, avoid directly flushing the sensors from a short distance by a high pressure water gun while washing your vehicle.

The radar sensor located in the front bumper will scan the front area of the vehicle, and the radar sensor located in the rear bumper will scan the rear area of the vehicle, in order to judge the presence of obstacles. Upon detection of any obstacle, the parking sensors will calculate its spacing with the vehicle and send the information to the driver by alerting tones. It's really important that this system is only a parking assist system and can't function as the replacement for your observation and personal judgment.

Starting and Driving

Working status of parking assist system with front and rear sensors

Rear parking assist system

After selecting the reverse gear, the parking assist system will give out a prompt tone of 0.5s to indicate the operation started automatically. After shifting out of the reverse gear, the rear parking assist system stops working.

Front parking assist system

When selecting the reverse gear or the drive gear, the vehicle speed rises from 0km/h to 15km/h, the front parking assist system works; when the vehicle speed drops from 15km/h to 12km/h, the front parking assist system is in standby mode; when the vehicle speed drops to 12km/h or below, the front parking assist system works.

Note: If the system keeps ringing for a long time after the reverse gear or the drive gear is selected, it indicates that the system has a malfunction. Contact our service dealer for service as soon as possible.

Front radar switch on center console screen

Press the front radar switch on central console screen to turn on the front parking assist system.

Parking process

When the two middle radars in the rear of the vehicle are about 150cm away from the obstacle, or when the radars on both sides are about 60cm away from the obstacle, the parking assist system starts to make alarm sounds. And the alarm sound become harsher when the vehicle is approaching the obstacle.

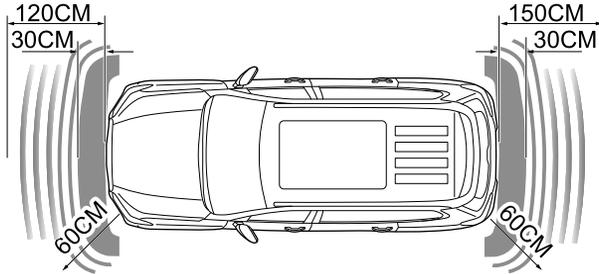
When the radars on both sides of the front of vehicle are about 60cm away from the obstacle, the parking assist system will start making alarm sounds. And the alarm sound become harsher when the vehicle is approaching the obstacle.

Note: For the vehicles equipped with automatic parking assist system, when the two middle radars in the front of the vehicle are about 120cm away from the obstacle, the parking assist system will start making alarm sounds.

When the distance of the vehicle from the obstacle is less than 30cm, the parking assist system will sound a long alarm. At this moment, it is impossible to effectively identify the obstacle if you continue to reverse the vehicle.

Note: When the vehicle is more than 30cm from the obstacle, the front radar has a mute strategy of 3s with the vehicle in drive gear D; if the distance from the obstacle does not change after 3s, the alarm sound will stop; if the distance from the obstacle changes again, the system will resume sending alarm sound.

Starting and Driving



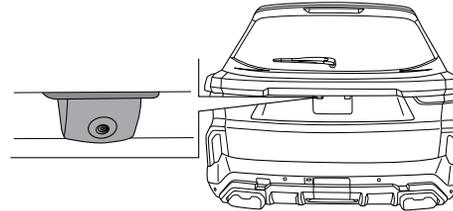
Rear view camera

! The parking camera assist system is not always reliable and is only playing the role of guidance! Due to limited visual field, the parking camera can't detect any obstacle beyond its visual field.

Working status of parking camera assist system:

After selecting reverse gear, the image of center console screen will be switched to the working status of parking camera, and the display will show the scene image behind the vehicle for the driver's reference during reversing.

When selecting other gears, the parking camera assist system stops working and the display returns to the original state.



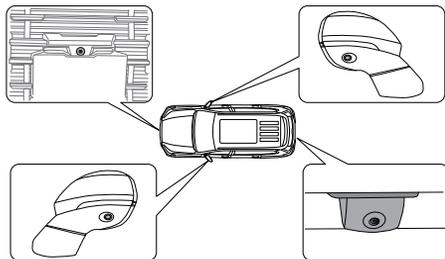
Note: When the vehicle enters the reversing state, cameras will output static reversing tracks which are displayed on the center console screen, take the horizontal plane as reference, and identify the area behind the vehicle in segments divided by red, yellow and green lines.

Starting and Driving

360° around-view system

! The parking assist system is not always reliable and is only playing the role of guidance! Due to limited visual field, the parking camera can't detect any obstacle beyond its visual field.

The 360° around-view system includes 4 cameras, which are respectively installed in the front, rear, left and right of vehicle body.



Operating state of 360° around-view system:

After selecting the reverse gear, the center console screen will automatically switch to the 360° around-view interface, and then you can judge the relative position between the vehicle and the obstacle according to the image.

When the vehicle speed is lower than 15km/h, press the 360° around-view button on the center console screen to turn on the 360° around-view system. Then the center console screen will

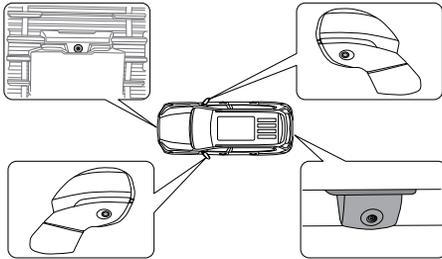
switch to the 360° around-view interface of left turn, right turn or normal driving according to the current vehicle operation.

Note: Select the area to be viewed by touching the front, rear, left or right button on the center console screen.

540° Around-view system

! 540° around-view system is not always reliable. It only plays the role of assistance! Due to limited visual field, the camera can't detect any obstacle beyond the blind spot and its visual field; even when the system is running, be also careful to view the environment around the vehicle.

540° around-view system includes four cameras and one controller, and the cameras are respectively located in four orientations of front, rear, left and right.



540° around-view system provides multiple auxiliary functions, which mainly include:

- 2D image
- 3D viewing angle
- Viewing angle of underbody

Note: The type of 540° around-view system on your vehicle depends on the actual vehicle configuration you purchased.

2D/3D around-view system

Function on

- Select the reverse gear to trigger the around-view system.
- When the vehicle speed is lower than 15km/h, wake up the panoramic system through "360" icon on the main interface of center console screen.

After the function is turned on, 2D/3D and front/rear/left/right viewing angles can be switched in the operation area.

Function off

- Click "X" at the top left corner of the screen under the panoramic interface to turn it off.
- When the vehicle speed is 17km/h or above, the system automatically exits.

Function settings

Click the "Settings" on the screen under the panoramic interface, and users can choose to turn on/off the sub-functions such as "Steering trigger panorama", "Forward track line" and "Wide viewing angle".

Viewing angle of underbody

The viewing angle of underbody can provide the visual field from underbody, such as observe the manhole cover, curb and tire returnability.

Starting and Driving

Function on

Click the "viewing angle of underbody" on the screen under the panoramic interface to enter the interface for viewing angle of underbody, which is front view angle by default.

Function off

- Click "2D image" or "3D viewing angle" to switch out of the viewing angle of underbody.
- Click "X" at the top left corner of the screen to turn it off.
- When the vehicle speed is 30km/h or above, the system automatically exits.

Driver assistance system

Note: *The type of advanced driver assistance system on your vehicle depends on the actual vehicle configuration you purchased.*

Camera

Front-view camera is installed inside the front windshield at the interior rear-view mirror. Front-view camera provides target acquisition for the driver assistance system.

Caution

If the camera sensor hardware is damaged, it must be repaired or replaced. It is recommended to drive the vehicle to our service dealer for repair, and never replace it by yourself.

It is not allowed to install license plate frame or other objects on the front/rear license plate board to prevent interference with camera or radar sensor; regular maintenance is required for the license plate to avoid deformation from affecting the radar sensor performance.

Not all traffic environment, weather and driving conditions are suitable for the camera to function properly, therefore, in a complex environment or bad weather, please drive carefully.

Camera maintenance

In order to keep the proper operation of camera, please ensure there is no foreign matter such as dust, ice and snow, and water on the front of camera.

The replaced assembly structure of camera must be our original part. After part replacement, the camera must be re-calibrated at our service dealer, so as to ensure that all vehicle systems based on the camera function properly.

Service restrictions

When the camera cannot work properly, the function that provides detection information based on the camera is restricted or abnormal.

The camera has limited detection range and capability, so that it cannot detect the target out of its detection range.

The performance of camera will be restrained in the following environment:

- The camera's view is blocked, and the surface is covered with foreign matters, such as dust, ice and snow, water, frost, etc.
- Weather conditions with poor light or low visibility.
- Over exposure of camera due to direct sunlight.
- Dramatic light change (e.g in/out tunnel).
- Camera jolt due to bumpy road or other factors.

Radar

Millimeter wave radar is installed inside the front grille or inside the rear bumper (some models are equipped with 3 millimeter wave radars). Millimeter wave radar provides target acquisition for the driver assistance system.

Caution

In order to avoid affecting the detection performance of radar sensor, it is strictly prohibited to paint or modify the body and front/rear bumper without permission.

If the radar sensor hardware is damaged, it must be repaired or replaced. It is recommended to drive the vehicle to our service dealer for repair, and never replace it by yourself.

It is not allowed to install license plate frame or other objects on the front/rear license plate board to prevent interference with camera or radar sensor; regular maintenance is required for the license plate to avoid deformation from affecting the radar sensor performance.

Not all traffic environment, weather and driving conditions are suitable for the radar sensor to function properly, therefore, in a complex environment or bad weather, please drive carefully.

Radar maintenance

In order to keep the proper operation of radar, please ensure there is no foreign matter such as dust, ice and snow, and water on the front of radar.

Starting and Driving

When there is a foreign matter in front of the radar, please clean it with soft cloth. Never use water cannon, or damage the front surface of radar.

The replaced assembly structure of radar sensor must be our original part. After part replacement, the radar sensor must be re-calibrated at our service dealer, so as to ensure that all vehicle systems based on the radar sensor function properly.

Service restrictions

When the radar cannot work properly, the function that provides detection information based on the radar is restricted or abnormal.

The radar has limited detection range and capability, so that it cannot detect the target out of its detection range.

The performance of radar will be restrained in the following environment:

- The radar's surface is covered with foreign matters, such as dust, ice and snow, water, etc.
- The objects detected by radar may have wave-absorbing interference substance, such as cotton object, etc.
- Bad weather conditions, such as heavy rain, snow, fog, etc.
- Radar jolt due to bumpy road or other factors.

FCW and AEB (Forward collision assist)

Forward collision assist includes FCW (Forward Collision Warning) and AEB (Automatic Emergency Braking). The FCW function warns the driver of pedestrians, bicycles or vehicles in front of the vehicle with visual and audio signals. If the driver fails to take actions within a reasonable period of time, the system will trigger the AEB function.

Collision assist function may enable urgent and instantaneous braking to cope with different collision risks. These may make the driver feel uncomfortable, in this case, the driver shall perform active braking.

If the collision risks increase further, the system will brake dramatically and stop the vehicle in normal conditions. For most drivers, this is not a normal driving style and they may feel uncomfortable. After the collision assist function successfully avoids collision with the vehicle ahead, the vehicle will remain stationary for a while, at which moment the driver shall take actions as soon as possible.

Generally, the collision assist function will not be perceivable to the driver or passengers until the vehicle is about to collide. The collision assist function will be enabled when the driver should start braking in advance, but it cannot help the driver in all conditions.

Starting and Driving

Function on or off

Function on mode

When the vehicle is started, the collision assist function is on by default.

If you turn the function off and want to turn on it again, set in the center console screen: Settings->Advanced Driver Assistance->Collision Assist On.

When the function is activated, the "FCW (Forward Collision Warning)/AEB (Automatic Emergency Braking) warning light

(yellow)"  on the instrument cluster goes out.

Function off mode

Set in the center console screen: Settings->Advanced Driver Assistance->Collision Assist Off.

When the function is off, the FCW and AEB functions will be disabled at the same time, and "FCW warning light/AEB warning

light (yellow)"  on the instrument cluster is always on.

Sensitivity control

Set in the center console screen, and click "...” or ">” on the right of Collision Assist, the options "Low", "Standard" and "High" will pop up; you may select applicable sensitivity according to your needs.

Information prompt

- Visual alarm
 - Indicator prompt: During the forward collision warning, the "FCW (Forward Collision Warning)/AEB (Automatic Emergency Braking) warning light (yellow)"  flashes; during the automatic emergency braking, the "FCW (Forward Collision Warning)/AEB (Automatic Emergency Braking) warning light (red)"  flashes.
 - Text reminder: Risk of collision/automatic emergency braking.
- Audible alarm: The entertainment system speaker alarms.

Caution

The collision assist is an auxiliary function that cannot work under all driving, traffic, weather and road conditions, which cannot replace the driving and accurate judgment. The performance of the system may be degraded by other factors, so that the driver should drive carefully and do not rely solely on the system. Before using the collision assist, the driver should check the restrictions they need to know by referring to this section.

Starting and Driving

Caution

The collision assist is designed to decrease the vehicle speed as much as possible to reduce the losses caused by collisions, instead of complete prevention of collisions. The driver should drive carefully and do not rely on the system.

When the system gives visual and audible warnings, the driver should immediately take further measures to avoid risk of collision and do not rely solely on the system.

The recognition range of front view camera and front millimeter wave radar realized by collision assist is limited, so you should not rely solely on the system to prevent collisions.

Due to the inherent limitations, the system may give a warning or brake when there is no risk of collision. The driver should always pay attention to the traffic environment ahead and take appropriate measures immediately.

The operating range of the collision assist system is 8 km/h to 130 km/h.

With the collision assist activated, if the "FCW (Forward Collision Warning)/AEB (Automatic Emergency Braking)



warning light (yellow)" is always on, please go to our service dealer for repair.

Service restrictions

- When the vehicle speed is lower than 8km/h, the system will not give alarm. The system triggered occasionally due to low vehicle speed in congestion road may provide poor driving experience.
- The driver shall ensure the seat belt is fastened properly, otherwise the AEM will not function.
- Please ensure the ESP (Electronic Stability Program) and collision assist function are on, otherwise the collision assist function will not function.
- Certain targets, such as highway barriers, tunnel entrances, heavy rain or ice, can affect or impair sensor detection, thus affecting AEB functions.
- The precondition for collision assist function to respond to the relevant target is that the target must be in the field of view of the sensor and be recognized. The collision assist function will be significantly limited with respect to cutting-in targets, those not detected until the current vehicle changes lane and those in the sharp turn road.
- The system will not respond to animals.
- Severe weather, such as wind, heavy rain, fog, etc., will affect the detection capability of the camera, which will reduce the system performance or increase the false trigger rate.
- For camera restrictions, please refer to "Camera".
- For radar restrictions, please refer to "Radar".

LDW (Lane Departure Warning)

LDW function provides assist for driver on expressway, fast roads and similar arterial roads. When the driver unintentionally departs from current lane, it will warn and prompt the driver to return to the original lane, avoiding the resulting traffic accident.

The LDW function will be enabled when the vehicle speed is higher than or equal to 60km/h and the road markings are visible. The system will not send alarm messages when the driver drives at low speed or takes active driving (judged by turning on direction indicator/changing lane in emergency).

Function on or off

Function on mode

When the vehicle is started, the LDW function is on by default.

If you turn it off and want to turn on it again, set in the center console screen: Settings->Advanced Driver Assistance->LKA On.

Function off mode

Set in the center console screen: Settings->Advanced Driver Assistance->LKA Off.

When the function is deactivated, the "LDW (Lane Departure Warning)/LKA (Lane Keeping Assist) warning light (yellow)"



is always on.

Sensitivity control

Set in the center console screen, and click "...” or ">” on the right of LDW, the options "Low", "Standard" and "High" will pop up; you may select applicable sensitivity according to your needs.

Information prompt

When the driver unintentionally departs from current lane, the system will remind the driver through the warning icon on the instrument cluster together with buzzer sound, and corresponding lane line on the instrument cluster is displayed in red. It means the vehicle is at the risk of lane departure, and the driver shall correct the vehicle to original lane in time.

Caution
LDW is only a driving function for alarm assistance.
The driver shall never fully rely on the LDW function to reminder of lane departure, but shall bear the responsibility of safe driving. LDW cannot function under all driving conditions or traffic, weather and road conditions.
When the lane keeping assist system fails, i.e. after the lane keeping assist function is activated, the "LDW (Lane Departure Warning)/LKA (Lane Keeping Assist) warning light (yellow)"  is always on, please go to our service dealer for repair.

Starting and Driving

Service restrictions

LDW cannot clearly detect the lane lines all the time. You may receive useless or invalid warning in the following conditions:

- Road construction areas, sharp turn or narrow roads.
- Dark (poor lighting) or weather conditions (due to heavy rain, snow, fog and wind). The recognition capability of the camera is deteriorated under direct sunlight or oncoming strong light.
- The camera's view is blocked by the large vehicle ahead or vehicle running nearby. The windshield in the camera's view is blocked (by water mist, dust or paster, etc.).
- The width and quality of lane lines are unsatisfactory, for example, the lane lines are worn and blocked, the new and old lane lines coexist, or change of lane lines in construction sections. A large area of shadows are formed by the projection of trees, large objects or landscape features on the lane.
- LDW may miss warning or send incorrect warning in the following conditions:
 - For camera restrictions, please refer to “Camera”.
 - Weather conditions (heavy rain, snow, fog, extreme hot or cold temperature) interferes with camera operation.

The warnings and restrictions above do not cover all situations that may interfere with LDW. There are many factors that may disable LDW function. To avoid departure from the current lane, the driver shall keep alert, and pay close attention to the road conditions, so as to take corrective measures as early as possible.

LKA (Lane Keeping Assist)

When activated, LKA function will determine the position of vehicle relative to the lane lines based on the road boundary information acquired by the camera, and in combination of the vehicle state and the driver input, alarm the driver or return to the vehicle to the original lane by intervening the turning if the driver unintentionally departs from the lane. The function is a safety function, which corrects the vehicle when the vehicle is about to depart from the lane. It is not a comfort function of lane centering, etc., so the driver shall hold the steering wheel at the time.

The LKA function will be enabled when the vehicle speed is at 60km/h - 120km/h and the road markings are visible. The system will not send alarm messages or automatically intervene the turning when the driver drives at low speed or takes active driving (judged by turning on direction indicator/changing lane in emergency).

Function on or off

The button for the LKA to be on or off is the same one as for LDW. Please refer to “LDW (Lane Departure Warning)” in this section for the operation mode.

Information prompt

When the driver unintentionally departs from current lane, the system will remind the driver through the warning icon on

Starting and Driving

the instrument cluster together with buzzer sound, and may intervene the turning to return the vehicle to the original lane.

Caution

LDW is only a driver assistance function. The driver shall never fully rely on the LKA function to prevent the vehicle from departure of the current lane, but shall bear the responsibility of safe driving.

The driver shall observe traffic rules, and hold the steering wheel with both hands. If the driver has not held the steering wheel, the system will not provide the LKA function.

The LKA will not always help the driver correct the vehicle about to depart, and the driver must takeover the vehicle after LKA correction to ensure stable driving.

LKA cannot function under all driving conditions or traffic, weather and road conditions.

When the lane keeping assist system fails, i.e. after the lane keeping assist function is activated, the "LDW (Lane Departure Warning)/LKA (Lane Keeping Assist) warning light

(yellow)"  is always on, please go to our service dealer for repair.

If the vehicle suspension suite after replacement has not approved by us, the LKA system may operate improperly.

Service restrictions

LKA cannot clearly detect the lane lines all the time. You may receive invalid warning or false interference in the following conditions:

- Road construction areas, sharp turn or narrow roads.
- Dark (poor lighting) or weather conditions (due to heavy rain, snow, fog and wind). The recognition capability of the camera is deteriorated under direct sunlight or oncoming strong light.
- The camera's view is blocked by the large vehicle ahead or vehicle running nearby. The windshield in the camera's view is blocked (by water mist, dust or paster, etc.).
- The width and quality of lane lines are unsatisfactory, for example, the lane lines are worn and blocked, the new and old lane lines coexist, or change of lane lines in construction sections. A large area of shadows are formed by the projection of trees, large objects or landscape features on the lane.
- LKA may miss warning or send incorrect warning in the following conditions:

- For camera restrictions, please refer to "Camera".
- Weather conditions (heavy rain, snow, fog, extreme hot or cold temperature) interferes with camera operation.

The warnings and restrictions above do not cover all situations that may interfere with LKA. There are many factors that may disable LKA function. To avoid departure from the current lane, the driver shall keep alert, and pay close attention to the road conditions, so as to take corrective measures as early as possible.

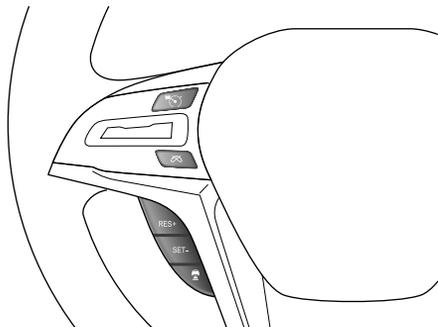
Starting and Driving

ACC (Adaptive Cruise Control)

ACC can help the driver maintain the same speed as the vehicle ahead for the preselected time interval. The adaptive cruise control system can bring you a more relaxed and comfortable driving experience when driving on clear highways and long straight trunk roads. The driver can set the required vehicle speed and the time interval with the vehicle ahead. When the camera and front millimeter wave radar sensor detect that the vehicle ahead is slowing down, your vehicle will automatically slow down accordingly. When the road ahead is clear again, your vehicle will be restored to the selected speed.

Adaptive cruise control switch

The adaptive cruise control switch is located on the steering wheel.



: Adaptive cruise control master switch, short press to turn the system on.

When the adaptive cruise control is activated:

: Adaptive cruise control deactivation switch, short press to deactivate the adaptive cruise control without clearing the set cruise speed.

RES+: To increase the saved vehicle speed or re-activate the adaptive cruise control and restore the saved speed.

SET-: Decrease the stored vehicle speed.

: To set the following distance, adjust the following distance of the adaptive cruise control, and switch the following distance from Level 1 to Level 3 cyclically for each press.

Activating ACC

After starting up the vehicle, the cruise function is turned on at a speed of 0 to 120 km/h.

When the "ACC (Adaptive Cruise Control) indicator (gray)"



on the instrument cluster illuminates, you can use the adaptive cruise control function, which is in standby state.

In this state, you can press  to activate the ACC (Adaptive Cruise Control) function.

Starting and Driving

When the ACC (Adaptive Cruise Control) function is activated,

the "ACC (Adaptive Cruise Control) indicator (blue)" on the instrument cluster illuminates.



After the system is activated, your vehicle will cruise at the set speed when there is no vehicle ahead; when there is a target vehicle ahead which runs at a speed higher than your vehicle's cruise speed, the system will continue to run at the current cruise speed; when the vehicle ahead runs at a speed lower than your vehicle's cruise speed, the system will actively adjust the speed to keep the set time interval with the vehicle ahead for automatic following; when the vehicle ahead accelerates, the system will actively raise the speed to the set cruise speed.

ACC will perform intelligent speed limit at curves.

Adjusting cruise speed

When ACC is enabled, you may increase or decrease cruise speed by using RES+/SET-.

Short press RES+/SET-, and the cruise speed changes at 5km/h. Long press RES+/SET-, and the cruise speed changes at 1km/h.

With ACC in an override state, pressing SET- will synchronize vehicle speed, that is, cruise speed will change to current actual speed.

Cruise speed memory

ACC has been activated in this ignition cycle, and the cruising speed will be the previous speed when entering next time. The cruising speed is not stored in memory after the vehicle is powered off.

Adjusting cruise distance

Short press  to switch the following distance from Level 1 to Level 3 cyclically for each press, and the current cruise distance can be confirmed through the display on the instrument cluster.

Exiting ACC

If you need to exit the cruise manually, you may do it by pressing the ACC deactivation switch  or pressing the brake pedal. After exiting ACC, ACC indicator will change from blue to gray, or disappears.

Resuming ACC

ACC has been activated in this ignition cycle. If you want the cruising speed of the next entry to be the previous speed, press the RES+ button.

If you cruise at current speed, you may resume ACC through the same operations of enabling ACC.

In the following conditions, the system will enter functional state and will not recover, and the instrument cluster will provide relevant information to prompt the need of resuming cruise:

- The follow and stop time exceeds 10 minutes.

Starting and Driving

- Ultrasonic radar detects that there is a pedestrian ahead.

Caution

The driver must always pay attention to the traffic conditions, and make intervene if the ACC system has not kept an appropriate speed or correct distance. ACC system is unable to deal with all traffic, weather and road conditions.

ACC is not a safety system, obstacle detector or collision warning system, but a comfort system, so that the driver must always remain in control and take full responsibility for the vehicle.

ACC can assist the driver, but cannot replace the driver to drive. The driver must drive cautiously and obey speed limit rules even when ACC is active.

If the driver steps on the accelerator pedal when ACC is active, the vehicle will be taken over by the driver. The distance control function of ACC system will not be activated.

Only under special conditions, can ACC respond to stationary objects, such as the tail-end of traffic flow and toll station, which are very specific.

In some cases (the relative speed of the vehicle ahead is too high, the lane change is too fast, or the safety distance is too small), the system does not have enough time to reduce the relative speed. In such cases, the driver must respond accordingly. The system is not able to send audible or image warning in every case.

Caution

When entering and leaving the curve, the selection of target may be delayed or interfered. In these cases, the ACC vehicle may not be braked as expected or braked too late.

When driving on a road with sharp turns, such as on a serpentine road, the ACC vehicle may accelerate since the vehicle ahead is lost in the sensor's view due to restrictions.

If the distance between the ACC vehicle and adjacent lane is too small (or adjacent lane), ACC may respond to and brake the vehicle.

It is the driver's responsibility to determine and always maintain a safe following distance and never rely on ACC to maintain an accurate following distance.

In uphill and downhill conditions, there may be some error of the actual ACC cruise speed from the set cruise speed due to system restrictions. It may not provide enough speed control due to limited braking capacity and being on a slope, and may misjudge the distance from the vehicle ahead.

Service restrictions

ACC relies on other systems, such as electronic stability control system. If the function of any system is disabled, the adaptive cruise control system will be automatically disabled. In the case of automatic deactivation, a sound signal will be emitted and a message will be displayed on the driver side display. The driver

must intervene to match the speed and distance of the vehicle ahead. The causes of automatic disabling may be:

- The driver opens the door.
- The engine hood or trunk is opened.
- The driver unfastened his/her seat belt.
- The brake pedal is depressed.
- The gear is placed in non-D position.
- The engine speed is too low/too high.
- The tire lost its grip.
- The braking temperature is too high.
- The parking brake is used.
- ESC (Electronic Stability Control) function is activated.
- AEB (Automatic Emergency Braking) function is activated.
- When ESC is turned off (i.e. when the ESC OFF button is pressed, the ESC OFF indicator on the instrument cluster illuminates, and the ESC system is turned off).
- Vehicle is collided.
- The recognition capability of the camera is deteriorated under direct sunlight or oncoming strong light.
- The camera or front millimeter wave radar sensor is faulty.
- The vehicle speed is higher than the maximum failure speed 130km/h.
- The road curve radius is less than 250m.
- For camera restrictions, please refer to “Camera”.
- For radar restrictions, please refer to “Radar”.

ICA (Integrated Cruise Assist)

ICA is used to assist the driver in operating the vehicle on a structured road, and reduce the driver's fatigue due to repeated driving behavior during long-distance driving. This function can provide longitudinal and transverse auxiliary controls of the vehicle according to the traffic conditions in the driving direction; longitudinal control can achieve cruise control and car following, while transverse control enables the vehicle to be controlled near the center of lane according to the lane lines on both left and right, providing the driver with an easier driving mode.

ICA aims to follow the vehicle ahead and maintain the vehicle in its own lane at the following time interval set by the driver. If the camera and front millimeter wave radar sensor cannot detect any vehicle ahead, the speed set by the driver will be maintained. The above situation also occurs if the speed of the vehicle ahead exceeds the set speed. If the camera cannot see the lane lines ahead, ICA function will be restricted and degraded to adaptive cruise control.

Enabling ICA

When the "ICA (Integrated Cruise Assist) indicator (gray)"



on the instrument cluster illuminates, you can use the ICA (Integrated Cruise Assist) function, which is in standby state.

In this state, you can press and hold the ACC master switch  to activate the ICA function.

Starting and Driving

When the ICA (Integrated Cruise Assist) function is activated, the "ICA (Integrated Cruise Assist) indicator (blue)"  on the instrument cluster illuminates.

Exiting ICA

If you need to exit the cruise manually, you may do it by pressing the ACC deactivation switch  or pressing the brake pedal. After exiting ICA, ICA indicator will change from blue to gray, or ACC indicator disappears.

Resuming ICA

Long press the ACC master switch  to resume ICA.

Caution

ICA is not a collision avoidance system. If the system does not detect the vehicle ahead, the driver must intervene. For intersections, ICA may correct the steering wheel, and require the driver to hold the steering wheel at the intersections and get ready to take over the vehicle at any time.

For people or animals, as well as small vehicles such as bicycles, motorcycles and electric bicycles, ICA will not apply the brake. This is also the case for flatbed trailers and approaching, slowly moving or stationary vehicles and objects.

Caution

ICA shall not be used in case of urban roads, intersections, slippery surfaces, roads with accumulated water or mud, cloudy, rainy or snowy weather, poor visibility, winding roads or highway entrances and exits. The driver assistance system is not suitable for the situations in which the sunlight obliquely shines on the camera from the front of the vehicle and the high beam of the oncoming vehicle shines on the camera at night when entering/leaving a tunnel.

In case of dramatic change of lane lines ahead, such as lane merge, lane diversion, sudden increase or decrease of lane width, ICA may be exited, so please always be ready to take over the vehicle in advance.

ICA will occasionally assist turning when there is no need of turn assist or you are not intended to turn, which may be caused by unclear or irregular lane lines, or by other lines or objects similar to the lane lines on the lane surface. In this case, the driver shall take over the vehicle in time.

When ICA system detects that the driver is not holding the steering wheel, it will send a takeover request "please turn the steering wheel gently" prompt through the instrument cluster, with takeover warning sound, accompanied by a white light flashing. At the time point, the driver shall hold the steering wheel immediately, and take over if necessary to avoid danger. If the system detects that you have not taken over the vehicle for many times, the function will be exited actively to ensure safe driving.

Service restrictions

The causes of automatic disabling may be:

- ACC function is exited or suppressed.
 - Lane conditions or lane levels are not met.
 - The driver turns on the direction indicator.
 - The driver opens the door.
 - The engine hood or trunk is opened.
 - The driver unfastened his/her seat belt.
 - The brake pedal is depressed.
 - The gear is placed in non-D position.
 - The engine speed is too low/too high.
 - The tire lost its grip.
 - The braking temperature is too high.
 - The parking brake is used.
 - ESC (Electronic Stability Control) function is activated.
 - AEB (Automatic Emergency Braking) function is activated.
 - When ESC is turned off (i.e. when the ESC OFF button is pressed, the ESC OFF indicator on the instrument cluster illuminates, and the ESC system is turned off).
 - Vehicle is collided.
 - The recognition capability of the camera is deteriorated under direct sunlight or oncoming strong light.
 - The camera or front millimeter wave radar sensor is faulty.
 - The vehicle speed is higher than the maximum failure speed 130km/h.
 - The road curve radius is less than 250m.
- For camera restrictions, please refer to “Camera”.
 - For radar restrictions, please refer to “Radar”.
 - The system may also be suppressed in the following conditions:
 - If the vehicle ahead is braked suddenly, unexpected braking or failure to brake may occur due to the restrictions of the camera and front millimeter wave radar. If the lane lines ahead change from narrow to wide or from wide to narrow, correction of the steering wheel with large angle may occur due to camera recognition restrictions and internal algorithm logic.
 - ICA is mainly used when driving on flat roads with clear lane lines. When driving with heavy loads on steep downhill roads, it may be difficult for the function to maintain the correct distance from the vehicle ahead. In these cases, take great care and prepare to brake at any time.
 - When driving on a road with sharp turns, such as on a serpentine road, ICA function may not detect the vehicle ahead due to the limited field of view of the front millimeter wave radar sensor and camera, which may cause ICA to accelerate the vehicle, and the driver is required to be prepared to take over the vehicle at any time.
 - If the distance between ICA vehicle and the adjacent lane is too small (or the vehicle in the adjacent lane is too close to ICA vehicle), the super cruise control may react to the

Starting and Driving

vehicle and brake, and the driver should pay attention to the road changes and take over the vehicle timely.

- The performance of ICA on a slope depends on the vehicle speed, load, gradient of the slope and lane lines of the slope, etc. When the vehicle runs uphill, it may be required to depress the accelerator pedal to maintain the vehicle speed. When the vehicle runs downhill, it may be required to brake or shift to a lower gear to maintain the vehicle speed.

SLIF (Speed Limit Information Function)

SLIF recognizes speed signs via intelligent front-view camera and sends relevant information to the instrument cluster, aiming to remind the driver the speed limit of current road to prevent overspeed. The system will not actively adjust the vehicle speed, which shall be controlled actively by the driver.

Function on or off

Set in the center console screen: Settings->Advanced Driver Assistance->Speed Limit Assist, and select: SLIF On/Off.

Function on conditions

- The vehicle speed is lower than or equals to 130km/h.
- The sensor signal is normal (camera).
- Speed limit sign is detected.
- The front-view camera module at the front windshield is not blocked/fogged.

Note: When enabled, the function will not work temporarily when the vehicle speed is higher than 130km/h.

Information prompt

When the function is enabled, if the current vehicle speed is lower than that of the speed limit sign, the instrument cluster will display the current speed limit value.

When the current vehicle speed is detected to be greater than that of the speed limit sign, the traffic sign will flash with an audible alarm.



: It indicates the speed limit value of current road.

Caution

When the system cannot recognize the speed limit sign ahead, the instrument cluster will not display the speed limit sign information. The system only prompts the speed limit information, but will not control the vehicle speed.

The recognition of speed limit signs by the system is not completely accurate, but recognition error occurs, so that the driver shall drive cautiously based on actual road conditions.

Service restrictions

SLIF can only function properly when the speed signs are clear and visible. It may be unable to work or function under some situations: For example:

- Poor conditions of speed limit sign: such as fading, on the curve, improper placement angle, rotated or damaged, blocked fully or partly, too far away or too high, attached on the road surface.
- Driving so close to the vehicle ahead that the detection range of the camera is obstructed.
- Change to the road or speed limit recently, such as construction, regulation, etc.
- Some LED speed limit signs.
- For camera restrictions, please refer to “Camera”.

IHC (Intelligent Headlight Control)

The IHC (Intelligent Headlight Control) recognizes the traffic environment ahead through the front view camera on the vehicle, and automatically controls the switching of high and low beams to prevent dazzling the vehicle ahead and oncoming vehicles, and improve the driving safety and comfort in dark environments, especially at night.

Function on or off

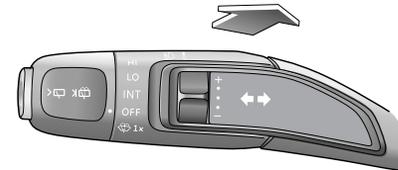
Function on mode

Set on the center console screen: Exterior Lights -> Light Settings -> Activate Intelligent Headlight Control Switch.

Function off mode

The intelligent headlight control can be deactivated in two ways:

- Press and hold the high beam or turn signal lever switch towards the steering wheel for more than 2 seconds.



Starting and Driving

- Set on the center console screen: Exterior Lights -> Light Settings -> Deactivate Intelligent Headlight Control Switch.

Function on conditions

- The vehicle speed is greater than or equals to 40km/h.
- The light control switch is in AUTO position.
- The headlight low beam \equiv illuminates.
- The front-view camera module at the front windshield is not blocked/fogged.

Note: When enabled, the function will not work temporarily when the vehicle speed is lower than 25km/h.

Information prompt

When IHC function is enabled, its operation state can be observed through the IHC indicator on the instrument cluster.

When the “IHC (Intelligent Headlight Control) indicator (blue)”



illuminates, it means the high beam on conditions are met, and the system will automatically turn on the high team.

When the “IHC (Intelligent Headlight Control) indicator (gray)”



illuminates, it means the high beam on conditions are not met, and the system will automatically turn off the high team.

When the IHC is faulty, the instrument cluster will prompt that the system is unavailable through the pup-up “IHC unavailable”.

Caution

Front-view camera module is installed on the front windshield. Note that the camera’s view cannot be blocked by objects, which may suppress the IHC function.

IHC cannot accurately perceive the surrounding environment, which may cause incorrect adjustment of the high beam/low beam. Please observe local traffic laws and regulations and use the function properly.

IHC is only a comfort function, and drivers need to drive cautiously when using it.

Service restrictions

- IHC function may be limited to camera state and suppression conditions. If the front-view camera module is not properly calibrated, IHC performance will be reduced.
- IHC performance may be reduced due to limited field of vision caused by dust over, rain, snow, fog, ice, and other factors.
- IHC performance may be reduced due to the interference of ambient light source. IHC performance may be reduced by highly reflective objects in the perception range of front-view camera module during driving.
- When ABS or ESC function is activated, the high beam and low beam states cannot be switched.
- IHC may be degraded in adverse weather conditions, such as wind, heavy rain, dense fog, etc.
- For camera restrictions, please refer to “Camera”.

Starting and Driving

Blind spot assist

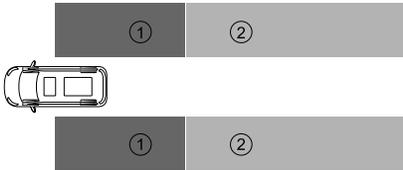
BSA includes two active safety assist functions: BSD (Blind Spot Detection) and LCA (Lane Change Assist). When the subsystem detects that a vehicle is approaching at a fast speed in the blind spot of the rear-view mirror or from a distance, the system will warn the driver by LED lights on the left and right rear-view mirrors.

Function on or off

Set in the center console screen: Settings->Advanced Driver Assistance->Blind Spot Assist, and select: BSA On/Off.

If the switch is grayed out and cannot be operated, please drive to our service dealer for service.

Monitoring diagram



Area ① About 3m behind the blind spot of vehicle; Area ② About 70m behind the blind spot of vehicle.

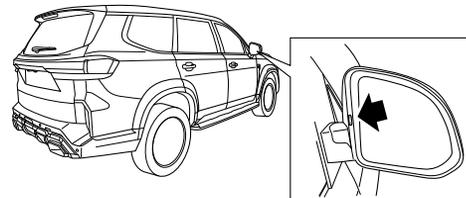
Blind spot refers to the blind area in the field of vision behind the left and right rear-view mirrors of the vehicle (as shown in Figure ① below). If there is a vehicle in this area, this function provides the driver with favorable prompts to avoid the collision risk caused by turning or lane change.

In the area as shown in Figure ② below, there is a vehicle runs fast at a speed (greatly higher than your vehicle), and in this case, the function will provide the driver with favorable prompts to avoid the collision risk caused by turning or lane change.

Warning and prompt

When the vehicle is running at a speed above 15km/h, if it is in Area ① or Area ② where there is a rapidly approaching vehicle, the system will actively prompt the driver, and the corresponding side indicator will illuminate, as shown in the figure below.

If the driver intends to change lane or turn (by turning on the direction indicator on the side of the approaching vehicle), the indicator on the corresponding side will flash to warn the driver.



Starting and Driving

Caution

BSD and LCA will not provide warning assist in the event of an emergency turn.

BSA is a driver assistance function, which is unable to provide help in all conditions.

BSA is designed to work with left and right rear-view mirrors to provide better assistance, and cannot replace the rear observation of rear-view mirror.

If the indicator of exterior rear-view mirror is always on, please go to our service dealer for repair.

Service restrictions

- BSD cannot provide accurate alarm in all scenarios, and may produce unnecessary or miss warning due to many factors: such as large movable metals, complex metal walls, etc. in the blind spot formed by radar principle.
- The driver shall keep alert in driving, pay close attention to road conditions, and change lanes after making sure it is safe.
- For radar restrictions, please refer to "Radar".

RCTA (Rear Cross Traffic Alert)

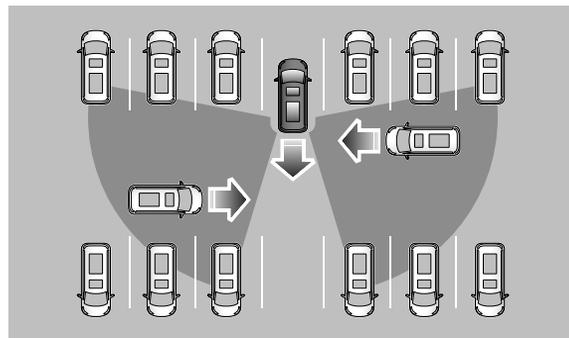
The RCTA (Rear Cross Traffic Alert) is a driver assistance function, which warns the vehicles or pedestrians crossing on both left and right sides when the driver reverses the vehicle; the speed range of the rear cross traffic alert function is between 0 and 10 km/h.

Function on or off

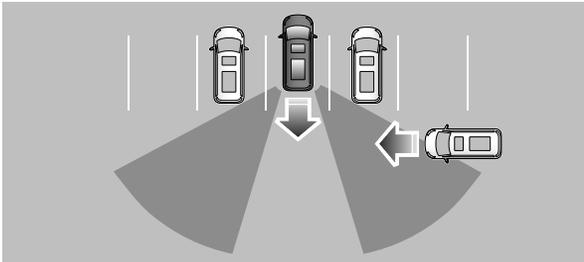
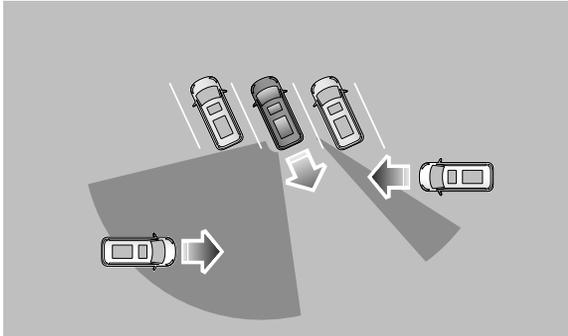
Set in the center console screen: Settings->Advanced Driver Assistance->Blind Spot Assist, and select: BSA On/Off.

If the switch is grayed out and cannot be operated, please drive to our service dealer for service.

Monitoring diagram



Starting and Driving



Caution

RCTA cannot replace the rear observation of rear-view mirror. RCTA is a driver assistance function, which is unable to provide help in all conditions.

RCTA does not mean the driver can relax, and it is the driver's responsibility to reverse in a safe manner.

2

Service restrictions

- RCTA cannot provide accurate alarm in all scenarios, and may produce unnecessary or miss warning due to many factors: such as large movable metals, complex metal walls, etc. in the blind spot formed by radar principle.
- The driver shall keep alert in reversing, pay close attention to road conditions, and reverse the vehicle after making sure it is safe.
- For radar restrictions, please refer to "Radar".

Warning and prompt

When the vehicle is in reverse mode (R gear), if there are vehicles and pedestrians moving transversely on both sides behind the vehicle, the indicator on the rear-view mirror on the corresponding side will flash to alarm and produce prompt tone to warn the driver.

Starting and Driving

DOW (Door Open Warning)

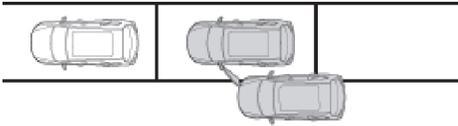
When the vehicle is stationary and not engaged in R gear, DOW function can detect vehicles, cyclists, pedestrians and other targets approaching the vehicle from the rear. If the driver or passenger's behavior of opening the door when an approaching target is detected, DOW will send a warning prompt to prevent the driver and passenger from scratching and bumping into the target when opening the door.

Function on or off

Set in the center console screen: Settings->Advanced Driver Assistance->Blind Spot Assist, and select: BSA On/Off.

If the switch is grayed out and cannot be operated, please drive to our service dealer for service.

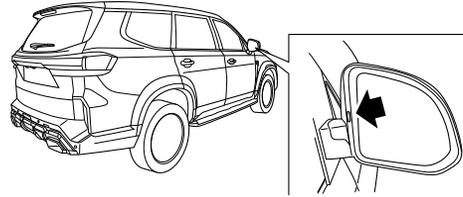
Monitoring diagram



Warning and prompt

When a target approaches the stationary vehicle, DOW indicator will illuminate, and the driver or passenger shall avoid opening the door and confirm the safety of the opening environment first.

In this case, if the driver or passenger opens the door on the alarm side, the warning indicator will flash, there will be corresponding pop-up window and prompt tone on the instrument cluster and corresponding side door atmosphere light will illuminate to remind the driver or passenger to pay attention to the safety when opening the door.



Caution

DOW is a driver assistance function, which is unable to work in all conditions or replace the rear observation of rear-view mirror.

DOW function is limited by the sensor principle and the complexity of the traffic environment, which may cause to send unnecessary or missed alarms. Therefore, the active observation of the door opening environment before getting off is the most effective measure for drivers and passengers to ensure personal safety.

Service restrictions

- DOW function is effective only when the vehicle is stationary and not in R gear, and it will not work when the vehicle is moving.
- The door opening warning function can be activated only when the vehicle is in a gear other than R and the vehicle speed is lower than 5 km/h.
- This function can be activated only when the vehicle is stationary or its speed is lower than 3 km/h; an alarm can be triggered only when the target vehicle speed is higher than 10 km/h.
- DOW does not always work in all situations. Unnecessary or missed warnings may be produced for a variety of reasons, such as: small or stationary objects on the side or behind the vehicle; or other vehicles suddenly change lanes into adjacent detection areas.

The warnings and restrictions above do not cover all situations that may interfere with DOW. In order to avoid scratching when opening the door, drivers and passengers shall be sure to observe whether the door opening environment is safe and suitable.

Tires



DEFECTIVE TIRES ARE DANGEROUS!

DO NOT drive your vehicle if any tire is excessively worn or damaged, or is inflated to an incorrect pressure.

Do NOT overload the vehicle.

Incorrect tire inflation pressure or wheel and tire assembly imbalance may seriously affect the stability of vehicle, especially when driving in high-load and high-speed conditions. Under-inflation will increase rolling resistance, increase fuel consumption and accelerate tire wear, resulting in tire damage, even an accident.

Always drive with consideration for the condition of the tires; the most common causes of tire failure are:

- Bumping against curbs.
- Driving over deep pot holes.
- Driving with under or over-inflated tires.

Uneven tread wear can be caused by faulty wheel alignment.

Starting and Driving

Winter tires



The vehicle speed shall not exceed the maximum allowable speed of the installed winter tires, otherwise the tires may suddenly lose pressure, delaminate, or even burst, which may easily cause accidents!

Be sure to adjust the speed according to the specific climate, roads and traffic conditions. Do not take risks by taking advantage of the anti-skid performance provided by winter tires and beware accidents!

Winter tires can improve the handling stability and braking performance of the vehicle when driving in a low temperature environment or on icy roads. It is suggested that winter tires should be used when the temperature is lower than 7°C.

When a vehicle is running under winter road conditions, winter tires can greatly improve the handling stability and braking performance. Non-winter tires have poor skid resistance at low temperatures or on icy roads due to their structure (tire width, rubber composition, pattern type, etc.).

It is recommended to use winter tires of the same size and load index as that of the original tires, and all the four wheels shall use winter tires.

When the tread depth of winter tires is worn to 4mm, the skid resistance will decrease obviously.

The maximum allowable speed of winter tires shall be subject to the speed code on the tires.

Speed symbol	Maximum speed (km/h)
C	60
D	65
E	70
F	80
G	90
J	100
K	110
L	120
M	130
N	140
P	150
Q	160
R	170
S	180
T	190
H	210
V	240
W	270
Y	300

In addition, it is recommended to set the overspeed alarm, which can be controlled on/off via the touch button on the center console screen.

When the temperature rises above 7°C, it is recommended to replace winter tires with non-winter tires.

Tire chain

When driving on snow, it is recommended to use S-type tire chain on the drive wheels.

Using tire chain can increase the driving traction in winter road conditions. If you want to install the tire chain, please remember that:

- 1 Not all combinations of wheels and tires can be provided with tire chain. When installing tire chain, make sure only approved tire size is used.
- 2 Install tire chains on the drive wheels. Please follow the instructions of tire chain manufacturer.

It is just on snow that you can drive the vehicle at maximum speed allowed by the tire chain. Please comply with the regulatory requirements of the resident country. After driving back to the road without snow, remove the tire chain immediately.

Loading

It is the driver's responsibility to ensure no overload in accordance with the laws.

Note: The maximum allowed total mass is indicated on the vehicle identification plate which is located in the lower front of right B-pillar. This handbook introduces the correct vehicle weight parameters, refer to "Vehicle weight parameters".

Note: Secure all loads in the vehicle to prevent personal injury due to movement of loads. The driver is obliged to ensure all goods have been fixed correctly.

There is a legal requirement to display a specific type of external warning sign on the vehicle if certain hazardous goods are being carried.

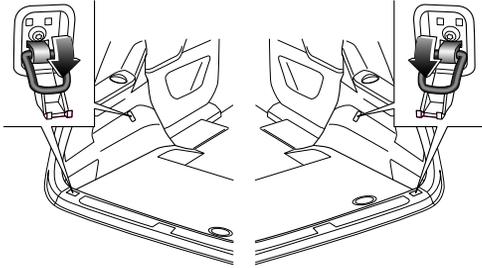
Trunk

Trunk tie-downs

Note: It applies to vehicles with trunk tie-downs.

Use tie-downs when you need to secure objects on the trunk floor. The maximum weight of the tie-down is 50 kg. Retract the tie-downs when not in use.

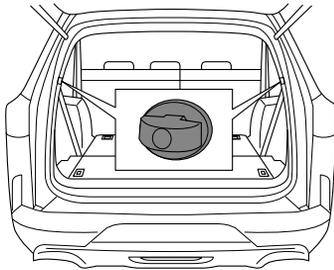
Starting and Driving



Hitch

Note: It applies to vehicles with hitches.

There is a hitch on each side of the trunk. The hitches are used to secure light loads, and the maximum weight of the hitch is 20 kg.



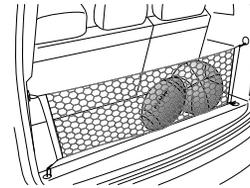
Trunk net bag

Note: It applies to vehicles with trunk net bag.

There are two types of trunk net bags: vertical nets and bottom nets.

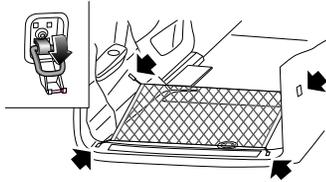
Vertical nets

Hook the two bottom net bag straps on the trunk tie-downs, and tie the top two net bag straps on the hitches, as shown in the figure below.



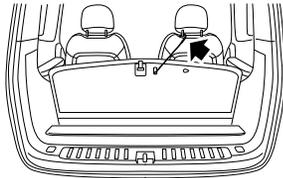
Bottom nets

First fold the third-row seatbacks forward and lay them flat, and then hook the four straps of the net bag to the tie-downs, as shown in the picture below.



Trunk storage box cover

When taking the items from the storage box under the trunk cover, you can hang the hook on the trunk storage box cover on the guide rod of the rear seat headrest, so that the cover can be opened at a certain angle to facilitate access to the items.



Roof rack and load device

! Be sure to place your luggage properly on the roof rack, otherwise accidents may occur. Under any circumstances, the maximum roof load, maximum axle load or maximum total vehicle load shall not be exceeded, otherwise accidents may occur.

! The roof rack with loaded items will reduce the vehicle stability, especially during turns and crosswind. When placing heavy or bulky luggage on the roof rack, the centroid position deviation of the vehicle and the wind resistance may affect the vehicle's drivability and cause accidents. Under this circumstances, you should adjust the driving mode and speed according to the actual situation. Off-road driving with items on the roof rack is not recommended. Use the roof rack only when the sunroof is closed, otherwise the roof rack or the luggage placed on it may endanger the people around.

The drivability of the vehicle may be affected by the loading items. Only the rack system designed for your vehicle can be fitted. Please consult our service dealer for more information.

For the rack system approved by our company, the maximum driving load is 75 kg. The weight of the approved rack system is not included in the loading capacity.

If other roof rack system is used, the system's own weight must be included in the loading capacity.

The loading items must be distributed evenly and not suspended on the rack. Check the connection between the rack and the loading items after driving 50 km.

Starting and Driving

Trailer towing

Note: It applies to vehicles with trailer device.

Instructions before use

 **Place the load as close to the trailer axle as possible, fix it securely, and lower it as low as possible without exceeding the towing capacity requirements and the maximum allowable load of the trailer ball (refer to "Recommended Towing Weights"). For optimum trailer stability when the tractor is unloaded, place the load on the trailer as far forward as possible, but not exceed the maximum front load requirements (refer to "Recommended Towing Weights").**

- Follow country-specific trailer towing regulations.
- Do not drive faster than 100km/h.
- For centre-axle trailers only, and when towing the trailer, the load specified in the "Recommended Towing Weights" shall not be exceeded.
- When driving a new vehicle or replacing the components of power train system (engine, transmission, transfer case, front and rear axles) with new ones, you are recommended not to tow the trailer before the mileage reaches 800 kilometers.
- The specified trailer load applies only within 1000 meters above sea level. Since the air density decreases with increasing altitude, which reduces engine output power and

gradeability, therefore, the total mass must decrease by 10% for every 1000m increase in altitude.

- If the traffic behind the trailer cannot be seen through the standard exterior rearview mirrors, additional rearview mirrors need to be installed. Both mirrors must be mounted on reversible arms and may be adjusted to ensure enough backward view at all time.
- Remove the towing device when it is not in use.
- Always use a safety chain suitable for this tractor and trailer. Pass the safety chain through the hole under the trailer device and attach to the trailer. Consult the trailer manufacturer for proper use and installation.
- When the vehicle is in a situation such as bottoming or trapping, please follow the following precautions when using the trailer device:
 - The trailer rope requires a flag.
 - Towing from side or vertical angles is prohibited.
 - Launch towing is prohibited, and the initial traction speed shall not exceed 5km/h.
 - When towing with a hook, the towing force shall not exceed 30kN.
- The size of the ball head of the trailer device shall meet the requirements of 4.2 in GB/T 25980.
- When mechanical coupling device, whether fitted or not, could (partly) obscure the space for mounting and fixing the rear registration plate, the following shall apply:

Starting and Driving

- 1 Installation of a mechanical coupling device that cannot be easily removed or repositioned is not permitted.
- 2 A mechanical coupling device must always be removed or repositioned when it is not in use.

Instructions for driving

Towing a trailer can affect your vehicle's handling, braking performance, fuel consumption, etc. For the safety of you and other passengers, please follow the driving recommendations below in order to tow the trailer safely.

Start-off

- Before driving, check all safety equipment for safe operation. Please ensure that the tire pressure, lights and connecting devices of the tractor and trailer are normal to avoid mechanical failure.
- Please load the cargo on the trailer safely, make sure the cargo is securely fastened to the trailer, and make sure the trailer is level, otherwise please do not drive the vehicle.
- Start off smoothly, avoid heavy acceleration and heavy braking, especially when driving on slippery roads, which may cause the vehicle to lose control due to skid.
- Try to avoid the condition that the tractor is empty while the trailer is loaded. If unavoidable, drive at low speed due to unreasonable load distribution.
- The driving stability of tractor and trailer decreases as the vehicle speed increases, so in unfavorable road, weather and high wind conditions, especially when driving on slopes, the

speed should be as low as possible and not exceed the speed limit stipulated by regulations.

Braking

 **If the trailer you use is equipped with a brake system, please follow the relevant local regulations to properly install and operate the system.**

Never connect the trailer to the brake system on the tractor.

- Towing the trailer in braking state will increase the braking distance of the vehicle. Therefore, please increase the distance with the vehicle ahead.
- If the trailer is equipped with inertia brake, brake slowly and then brake hard. This avoids brake shock due to trailer wheel locking. When driving on a slope, shift into a low gear in time to make full use of the braking effect of the engine.

Overtake

- When towing a trailer, the body length of the vehicle plus the trailer will become longer, so when overtaking, you need to go through a longer overtaking distance to return to the original lane.

Reversing

- Different from general reversing, reversing when towing a trailer is more difficult, you should be extra careful and practice more.

Starting and Driving

- When reversing, hold the bottom of the steering wheel with one hand and turn your hand to the left to steer the trailer to the left, and to the right to steer the trailer to the right. Be sure to reverse the vehicle at a low speed and ask for assistance if possible.

Turning

- When towing a trailer, turn smoothly, try to avoid bumps or sudden operations, and turn on the turn signal lights in advance. When turning, the turning radius must be larger than it was when the trailer was not towed. This will keep the trailer from hitting road shoulders, road signs, trees or other objects.

Driving on hills

- When towing a trailer on a steep or long slope, decelerate and downshift in advance. You should determine the driving speed based on trailer weight and hill slope to reduce the risk of engine and transmission overheating.
- Try to avoid parking on slopes, if unavoidable, place stoppers under the tires of the tractor and trailer and apply the parking brake.

Engine protection mode

- When the engine water temperature is very high (for example, in a high temperature environment above 30°C, the vehicle is driving on a long or steep slope with a heavy load), in order to reduce damage, the engine will enter the protection

mode. When the engine water temperature reaches a certain temperature, the following conditions will occur:

- 1 The engine water temperature indication will move towards the H direction;
 - 2 The engine power will reduce;
 - 3 The A/C cooling function may automatically turn off for a period of time (the fan is still working).
- When the engine water temperature is high, the engine power will reduce and in some cases the vehicle will also speed down. The vehicle speed can be controlled through the accelerator pedal, but the acceleration performance may not be as expected.
 - When the driving conditions change and the engine water temperature drops, normal acceleration can be performed through the accelerator pedal, and the A/C cooling function will automatically resume.



Engine overheat can result in reduced engine power and vehicle speed, which may be reduced to less than the speed of other vehicles, thus increasing the risk of a crash, so extreme caution is needed when driving. If the vehicle cannot maintain a safe speed, park the vehicle in a safe area on the road side and allow the engine water temperature to cool down to normal level.

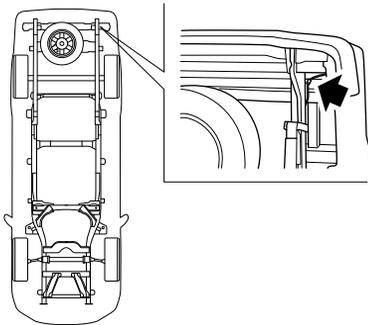
Starting and Driving

Trailer control module

Note: It applies to vehicles with trailer control module.

The trailer module can provide driving functions for the position lights, brake lights, reversing lights, turn signals, and rear fog lights of the rear trailer. The trailer module automatically recognizes whether the rear trailer is connected by detecting the rear trailer.

- 1 Enable the parking brake and turn off the ignition switch.
- 2 Connect the trailer.
- 3 Connect the trailer harness, the trailer harness connection points are as follows. Please contact our service dealer for trailer harness.



- 4 When the ignition switch is placed in "ON" position, the rear trailer is connected successfully, and the turn signals are

turned on, the "Trailer Indicator (green)" on the instrument



cluster will flash. If the rear trailer is not successfully connected, when the turn signals are turned on, the "Trailer Indicator (green)" on the instrument cluster will go out.

Caution

Among the position lights and turn signals of the rear trailer, it must be ensured that one or more groups are halogen lamps. Otherwise, it may be misjudged that the rear trailer is not connected, and the normal operation of the parking sensor system will be affected. When the ignition switch is turned to "ON" position, the rear trailer light may flash for a moment, which is a normal during the system self-check.

2

Recommended towing weight

Max. traction capability

Model	Without trailer brake	With trailer brake	GTM (Gross Train Mass)
Vehicles equipped with diesel engine	750 kg	3500 kg	6200 kg
Vehicles equipped with diesel engine	750 kg	3500 kg	6200 kg

Starting and Driving

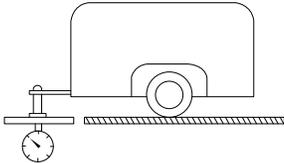
Model	Without trailer brake	With trailer brake	GTM (Gross Train Mass)
Vehicles equipped with gasoline engine	750 kg	3000 kg	5700 kg
Vehicles equipped with gasoline engine	750 kg	3000 kg	5700 kg

Front end weight of the trailer

The front end weight of the trailer refers to the maximum vertical load that the connection between the traction device and the trailer can bear when the vehicle is stationary.

Caution

The front end weight shall not be less than 4% of the maximum towing mass and not less than 25 kg, and not more than 10% of the maximum allowable towing mass. Never exceed the maximum allowable front end weight, which is very important for the stability of the tractor and trailer.



Max. front end weight
200 kg

Maintenance

If the vehicle is commonly used to tow a trailer, additional maintenance should be performed on the vehicle at service intervals to ensure continued satisfaction with the vehicle.

Before using the trailer device, the torque of the trailer device fasteners should be checked in advance. If the assembly torque requirement is not met, the bolt torque should be re-tightened to 110-130 Nm. The bolt torque needs regular maintenance (re-tightening) to prevent the bolt from loosening during use and causing safety accidents.

Emergency Troubleshooting

202 Hazard warning light

202 Warning triangle

203 Replacing wheel

208 Towing a vehicle

210 Draining fuel filter

211 Jump start

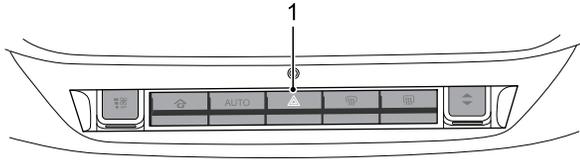
212 Fuse replacement

219 Bulb replacement

Emergency Troubleshooting

Hazard warning light

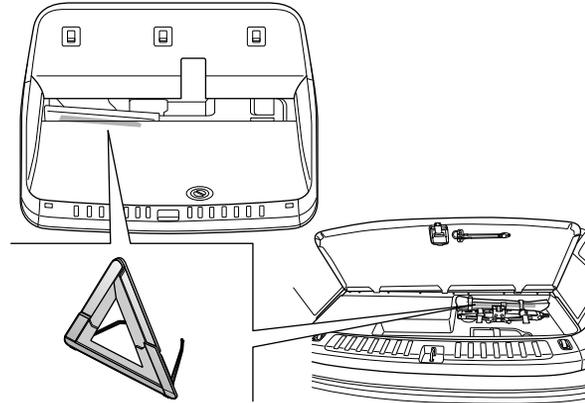
When you encounter a problem during driving and have to stop the vehicle or slow down, you shall press the hazard warning light switch  in the dashboard, the "direction indicators (green)" on the instrument cluster will illuminate and flash, meanwhile all direction indicators flash to alert others and make the police know you are in trouble.



Warning triangle

The warning triangle is placed on the right side under the trunk (for 48V mild hybrid models) or behind the second-row seats (for conventionally powered two-row seating models) or on the left side under the trunk (for conventionally powered three-row seating models).

When you encounters a problem during driving and have to pull the vehicle over, you must place a warning triangle about 100m right behind the vehicle to alert vehicles behind.



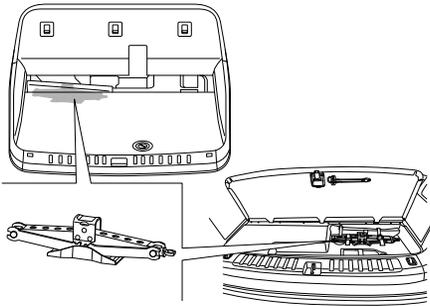
Emergency Troubleshooting

Replacing wheel

Jack

Placement

The jack is placed on the right side under the trunk (for 48V mild hybrid models) or behind the second-row seats (for conventionally powered two-row seating models) or on the left side under the trunk (for conventionally powered three-row seating models).



Specification

! This jack is just for wheel replacement. Never use it for other purposes.

This jack is just for your vehicle and never uses it for other models.

Spare tire

! Check the pressure of the spare tire regularly. Using a spare tire of incorrect tire pressure will affect the wheel stability, which may cause danger and permanent damage to the tire.

The spare tire is mounted at the rear bottom of the body; the wheel nut wrench and the auxiliary rotating extension bar for jack in the vehicle tool kit can be used to rotate the pillar bolt of drive mechanism, thus releasing or tightening the rope for the spare tire to achieve the function of spare tire replacement.

Caution

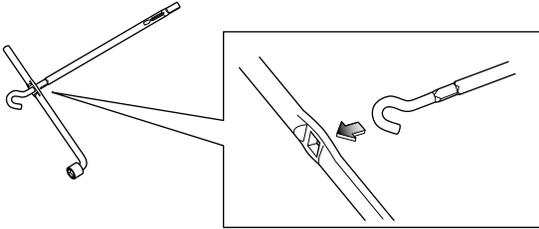
After replacing with a small-size spare tire, the vehicle speed must not exceed 120 km/h; otherwise there is a risk of accident. Avoid full throttle acceleration, emergency braking and sharp cornering as much as possible. Replace the small-size spare tire with full-size tire as soon as possible, thus to extend the life of the spare tire and maintain it in good condition.

Removing spare tire

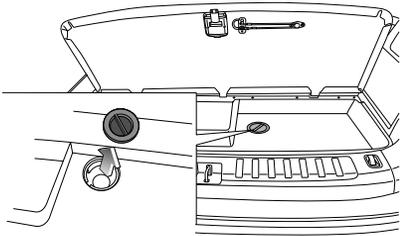
- 1 Take out the vehicle tool.
- 2 Tilt the backrest of the third-row seat (if equipped) forward.

Emergency Troubleshooting

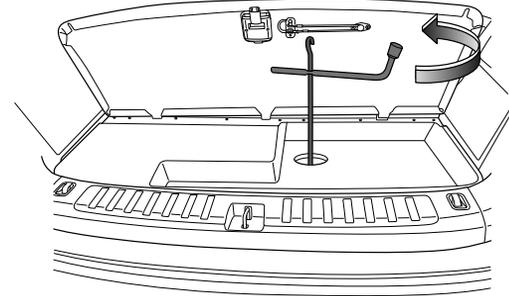
- 3 Mount the auxiliary rotary post and the wheel nut wrench.



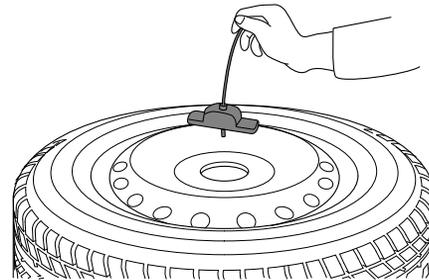
- 4 Unscrew the spare tire screw cap.



- 5 Insert the rotary post into the spare tire loading/unloading hole through screw cap hole, and then rotate the wheel nut wrench counterclockwise to lower the spare tire till the tire lands on the ground.



- 6 After the spare tire reaches the ground, continue to turn the wheel nut wrench counterclockwise and pull out the spare tire. Excessive rotation of the wrench is prohibited, or the spare tire will be damaged.
- 7 Remove the tray from the spare tire.



Emergency Troubleshooting

Storing the spare tire

- 1 Put the wheel on the ground, with the tire valve up (be careful not to reverse it).
- 2 Place the wheel at the rear bottom of the vehicle.
- 3 Place the spare tire tray in the center of the rim, and adjust it to the proper position to make it tightly connected to the spare tire.
- 4 Turn the wheel nut wrench clockwise until a click sound is heard, indicating that the spare tire is installed in place.

Caution

After placing the wheel on the spare tire holder, check whether the wheel mounting is tight. If the wheel is loose, it may fall off owing to vibration and cause an accident.

- 5 Screw the spare tire screw cap, and close the rear trunk lid.

Replacing tire

Vehicle parking



Park your vehicle on a firm and level ground without disturbing traffic or traffic hazard to yourself.

If on the public road, please turn on hazard warning light and position a warning triangle.

Ensure that the ground where the jack is located is firm enough to support the jack and the vehicle to be lifted; otherwise it will move for instability, causing damage to the vehicle and/or personal safety.

Secure other wheels with proper wheel stoppers.

Never use jack if the ground is slippery. If jack is unsuitable to use or you are unsure to complete the task safely, please ask for assistance.

Ensure that the front wheels are in straight forward direction.

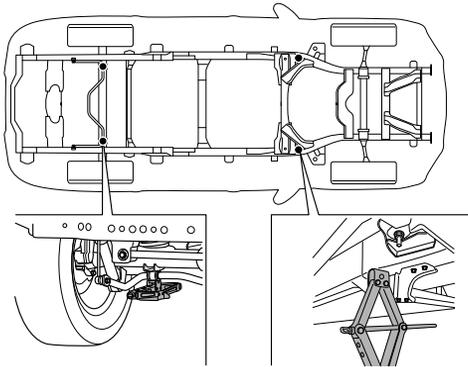
While shutting down the engine, pull up the parking brake handle; if your vehicle is equipped with electronic parking brake system, pull up the electronic parking brake (EPB) switch to enable the electronic parking brake system, and shift the lever to 1/R position (MT) or P position (AT).

Emergency Troubleshooting

Positioning jack

! Only use jack at specified jacking points. The lifting height shall not be more than the height necessary for tire replacement (such as no more than 30cm above the ground). Before using the jack, ensure all occupants have left the vehicle. No person should place any portion of their body under the vehicle that is supported by a jack. The jack shall be perpendicular to the vehicle body while lifting.

The jack points for front wheels are located on lower plane of the side member (between the 4th cross member and the 2nd suspension). The jack points for rear wheels are located on the stabilizer bar bracket, meanwhile, the concave of the jack should be centered with curved surface of stabilizer bar bracket.



Replacing with spare tire

! During the lifting, do not start the engine. Never walk under the lifted vehicle.

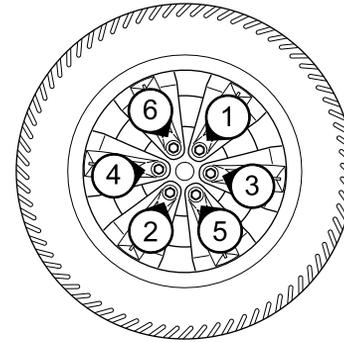
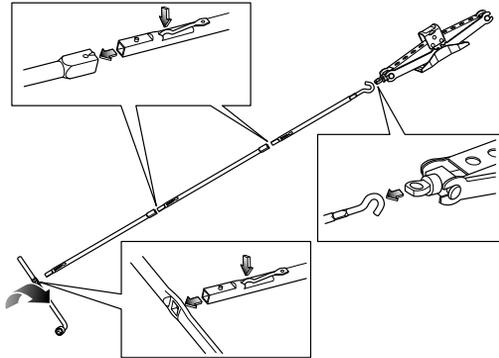
Before removing the wheel nut, make sure the vehicle is stable and will not slide or move.

Torque wrench shall be used to check exact tightened torque of wheel nuts, and tire pressure shall be checked as soon as possible after the wheel replacement.

Replaced wheel, jack and vehicle tool kit must be stored in specified location. Otherwise they may cause damage or personal injury during impact or heavy braking if casually or improperly placed.

- 1 Remove the spare tire, refer to "Spare tire" in this section.
- 2 Check whether the jack is still perpendicular to the jacking points; Change position when necessary.
- 3 Use the wheel nut wrench in the vehicle tool kit to loosen the wheel nut counterclockwise.
- 4 Install the auxiliary rotating extension bar and turn the wheel nut wrench clockwise until the wheel to be replaced is just off the ground.

Emergency Troubleshooting



- 5 Remove the retaining nuts of the wheel and then carefully remove the wheel.
- 6 Replace it with the spare tire and then tighten the wheel nuts clockwise.
- 7 Lower the vehicle body and remove the jack.
- 8 Fully tighten the retaining nuts of the wheel in a diagonal order (see the diagram); the wheel nut torque is $125\pm 13\text{Nm}$.
- 9 Mount the replaced wheel into the position of spare tire, refer to "Storing the spare tire" in this section.
- 10 Put away the replaced wheel, auxiliary rotary post of the jack, wheel nut wrench, jack and vehicle tool kit.

Caution

Be sure to fully lift and tighten the tray of the spare tire device even if no spare tire is mounted.

3

Emergency Troubleshooting

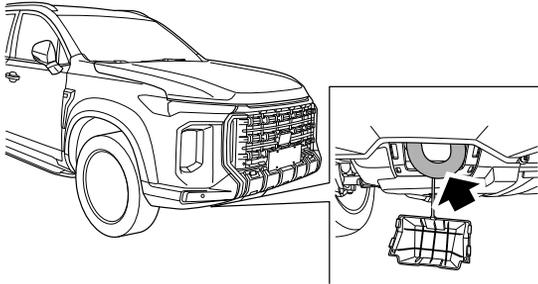
Towing a vehicle

While towing or being towed, relative national regulations about vehicle towing shall be abided by.

Towing eye

Front towing eye

The front towing eye is located at the lower side of front bumper. If this vehicle is to be towed from the front, you should first remove the towing eye cover from the right side of the front bumper.



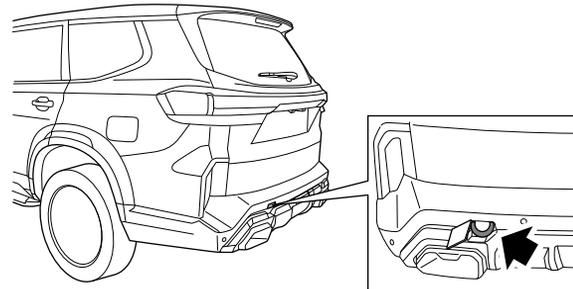
Caution

The mass that the front towing eye can bear is 1/2GVW (total mass). Do not tow the vehicle with a mass more than this value.

Rear towing eye

If a vehicle is to be towed from the rear, remove the towing eye cover from the left side of the rear bumper, and screw the rear towing eye placed in the vehicle tool kit to the rear bumper.

After the vehicle towing is completed, unscrew the rear towing eye and put it back in the vehicle tool kit, and then close the towing eye cover.

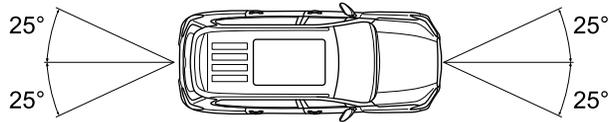


Caution

The mass that the rear towing eye can bear is 1/2 GVW (total mass). Do not tow the vehicle with a mass more than this value.

Emergency Troubleshooting

The application range of towing rope is as shown below:



Towing

Before towed

! To ensure the steering gear can rotate freely, turn the ignition switch to "ON" position and keep it in this position during towing process. This is to ensure the steering is unlocked, and the turn signals and brake lights can operate.

Being towed

When the vehicle is being towed, release the parking brake and engage N gear.

! There is no brake booster assist or power steering assist when the engine is not running. In this case, it requires greater effort to operate the brake pedal, and longer time and greater effort to rotate the steering wheel.

Caution

When towing a vehicle, for 4WD models, please carry the whole vehicle on a flat bed trailer.

Emergency Troubleshooting

Draining fuel filter

Note: It applies to vehicles with diesel engine.

! Be sure to wear proper gloves to protect hands from diesel.

Drain water according to the following steps:

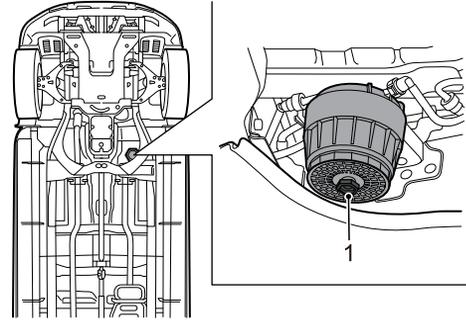
- 1 Turn the ignition switch to "LOCK" position.
- 2 Place a suitable container under the fuel filter drain bolt and unscrew the bolt (1) with an appropriate tool.
- 3 If clean diesel flows out, re-tighten the drain bolt (1), with the tightening torque of 2 ~ 2.5 Nm.
- 4 Start the engine. "Fuel filter water level warning light (yellow)" shall go out after about 2 seconds. Check the filter for fuel leakage.

Caution

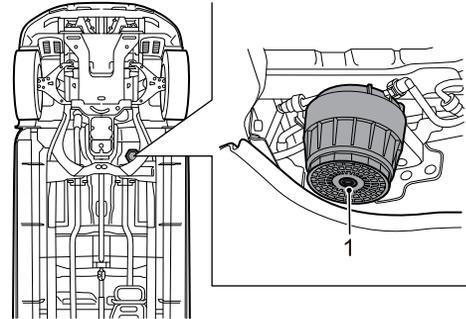
If "Fuel filter water level warning light (yellow)" in the instrument cluster illuminates while driving, please park the vehicle in a safe place, shut down the engine and drain water.

! Do not pour diesel fuel into domestic or public sewage system. Please use locally approved waste treatment equipment.

Type 1



Type 2



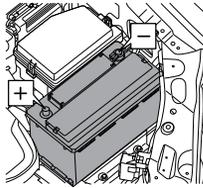
Emergency Troubleshooting

Jump start

Battery disconnection

! Always wear protective gloves and eye protecting glasses when working on a battery. Do not use open flame, cause sparks or smoke in the area of the battery. You can be seriously injured and the vehicle damaged.

To disconnect the battery, disconnect the negative (-) earth terminal first and then positive (+). To connect the battery, install and secure positive cable (+) first and then negative (-) cable. Smear the terminals with petroleum jelly.



Caution

Before disconnecting the battery, always shut down the engine and all electrical devices for more than 2 minutes. While disconnecting, never allow the terminal to contact with the metal parts of vehicle body. Otherwise short circuit may cause electric spark. Electrical system will be damaged if positive and negative cables are connected reversely.

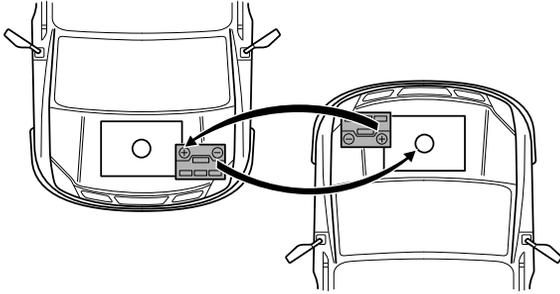
Jump start

! Never pull or tow the vehicle to start. Ensure the rated voltage of two batteries is the same (12 V) and the jumper cable is acknowledged as the cable used for 12V vehicle battery.

Jumper

- 1 Pull two vehicles together as possible.
- 2 Shut down the engine and all electric equipment immediately.
- 3 Connect the positive terminals (+) of two batteries with red jumper cable.
- 4 Connect black jumper cable from the negative terminal (-) of the battery which supplies power to earth point (not negative terminal) of the vehicle with the battery that needs to be powered.
- 5 Ensure all connection mechanisms are well connected.
- 6 Check whether the jumper cable is clear of any moving parts when the engine starts.
- 7 Check whether the parking brake handles of both vehicles have been engaged and whether the shift lever is in N gear.

Emergency Troubleshooting



Starting

Start the vehicle whose battery supplies power and allow it to idle for several minutes.

- 1 Start the vehicle whose battery needs to be powered.
- 2 Allow the engine to idle for more than 2 minutes after started.

Note: *If it fails to start after several attempts, the vehicle may need maintenance.*

Disconnecting

- 1 Shut down the engine of the vehicle that supplies power.
- 2 Ensure the cable terminals shall not contact with each other or any moving parts of the engine while disconnecting.
- 3 Remove the jumper cable. Removal is the reverse of connection.

Fuse replacement

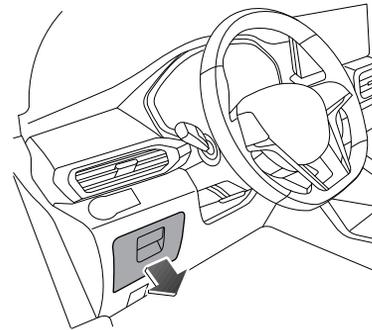
Fuses of this vehicle are respectively placed in two boxes.

Caution

Spillage of liquid to any electric components in the vehicle may damage the components, so it is required to cover any electric components. The content of the fuse specification list will be constantly updated according to the vehicle configuration and technical status, it is subject to the actual state of your vehicle.

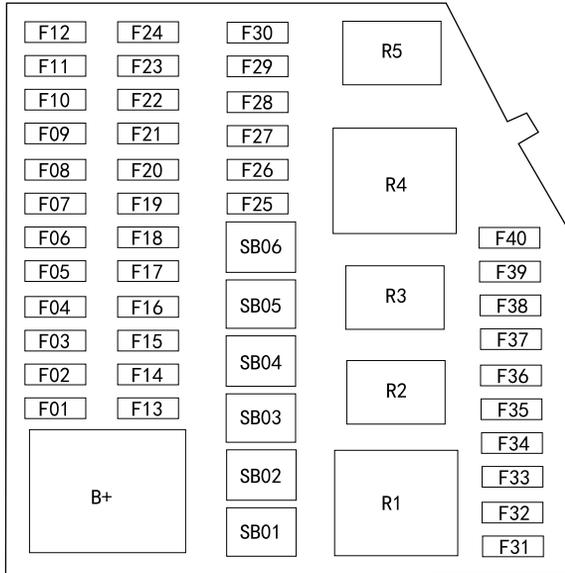
Driver compartment fuse box

Driver compartment fuse box is located behind the lower storage box at driver side.



Emergency Troubleshooting

Fuses in the driver compartment fuse box can be identified by the label on the back of lower storage box cover at driver side.



Specification

Code	Specification	Function
F01	5A	Right combination switch (column shift)
F02	5A	Stream media/anti-dazzle rearview mirrors

Code	Specification	Function
F03	10A	Airbag controller
F04	5A	Smart/Normal gateway
F05	5A	Entertainment mainframe/air controller
F06	5A	Instrument cluster
F07	5A	PTC auxiliary electric heater relay coil
F08	5A	Electronic toll collection system
F09	5A	Reversing assist/automatic parking assist
F10	5A	Power sunroof
F11	15A	Cigarette lighter
F12	5A	Front passenger window regulator switch
F13	/	Reserved
F14	5A	Right combination switch (column shift)
F15	20A	Vehicle inverter
F16	5A	Smart/Normal gateway
F17	5A	Front passenger seat lumbar support massage
F18	7.5A	A/C controller
F19	25A	Entertainment mainframe
F20	5A	Instrument cluster
F21	5A	Drive change-over switch/auxiliary fascia console switch

Emergency Troubleshooting

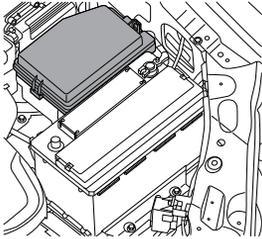
Code	Specification	Function
F22	5A	Rain/solar sensor/electronic toll collection system
F23	5A	Front view camera module
F24	15A	2nd-row seat heating
F25	7.5A	Data link connector (DLC)
F26	30A	Towing module
F27	30A	Rear defrost/rearview mirror heater relay power
F28	/	Reserved
F29	30A	Power amplifier
F30	5A	Rear A/C panel
F31	5A	TYPE-C charging port
F32	/	Reserved
F33	5A	USB charging port
F34	/	Reserved
F35	5A	Vanity Mirror Lamp
F36	5A	Central control switch block/IBDU feedback
F37	5A	Wireless charging module of mobile phone
F38	5A	12-inch screen
F39	5A	Front passenger seat ventilation
F40	10A	Rearview mirror heater

Code	Specification	Function
SB01	40A	PTC1 relay switch end power supply
SB02	40A	PTC2 relay switch end power supply
SB03	30A	Left front window regulator motor
SB04	30A	Right front window regulator motor
SB05	/	Reserved
SB06	40A	Front blower relay power supply
R1	MINI 40A	Front blower relay
R2	MICRO 35A	PTC auxiliary electric heater relay 1
R3	MICRO 35A	PTC auxiliary electric heater relay 2
R4	MIN 40A	Rearview mirror and rear defrost relay
R5	/	Reserved

Emergency Troubleshooting

Front compartment fuse box

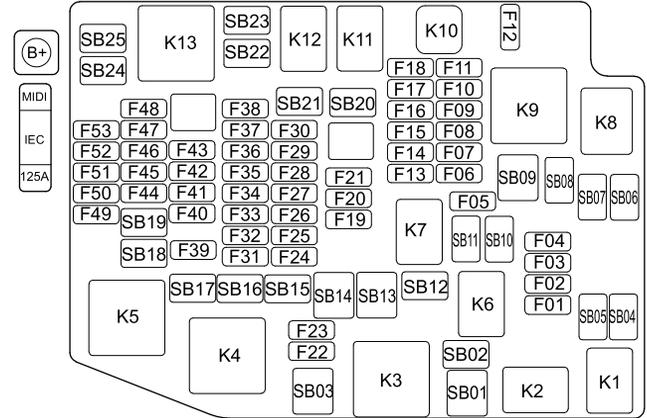
The front compartment fuse box is located at the right of compartment wall at the hood bottom and behind the right headlight (viewed from the front of vehicle).



Caution

Before opening the fuse box cover, make sure its surroundings are dry and no fluid flows from any direction into the opened fuse box, otherwise the fuse box will be damaged, leading to serious consequences.

Fuse can be accessed by just removing the cover of front compartment fuse box. Fuses in the front compartment fuse box can be identified by the label printed at the back of the fuse box cover.



Specification

Code	Specification	Function
F01	20A	IBDU exterior light power supply 2 KL30
F02	10A	Front seat lumbar support massage
F03	3A	UEC ground 3
F04	10A	IBDU fuel tank cap lock power supply
F05	/	Reserved
F06	20A/15A	D20 front and rear NOx sensor & PM sensor & NF2 front and rear oxygen sensor
F07	5A	D20 auxiliary fascia console switch & NF2 fuel leak sensor

Emergency Troubleshooting

Code	Specification	Function
F08	10A	Cooling fan & coolant level sensor
F09	10A	D20 GCU&NF2 switch type water pump & booster pressure relief valve
F10	7.5A	KL87 power supply
F11	10A	D20 HCU& urea pump & fuel filter
F12	/	Reserved
F13	10A	D20 EMS KL87_2
F14	20A	D20 EMS KL87_1/NF2 EMS KL87
F15	15A	Connected to engine harness 1 KL87
F16	25A/15A	D20 electronic water pump & NF2 ignition coil
F17	15A	D20 connected to the engine harness 2&NF2 camshaft variable lift solenoid valve
F18	15A	A/C compressor
F19	15A	IBDU wiper washer
F20	10A	48V DCDC&BMS&IBSG
F21	10A	EMS KL30
F22	25A	IBDU door lock power supply
F23	30A	EDL controller
F24	25A	IEC KL15
F25	15A	Heated steering wheel
F26	5A	EMS KL15

Code	Specification	Function
F27	5A	TCU&TCCU
F28	10A	ADAS
F29	5A	EPS
F30	20A	Horn
F31	20A	IBDU exterior light power supply 1 KL30
F32	10A	EDL&&RCP&AVM& central row seat heating
F33	5A	ESC
F34	5A	Headlight leveling motor &PTC3
F35	5A	IBDU IG signal
F36	10A	Driver seat massage ventilation
F37	10A	IBSG&DCDC&BMS
F38	15A	NF2 electronic auxiliary water pump
F39	20A	IBDU exterior light power supply 4 KL30
F40	20A	IBDU exterior light power supply 3 KL30
F41	5A	Power tailgate & kick sensor & lane change assist radar
F42	10A	TCU
F43	5A	AVM
F44	7.5A	Air purifier
F45	7.5A	Window and rearview mirror switch & atmosphere light
F46	5A	RVC

Emergency Troubleshooting

Code	Specification	Function
F47	20A	IEC ACC
F48	15A	Trunk 12V power supply
F49	15A	Rear wiper
F50	5A	IBDU ACC signal
F51	5A	Rear window regulator switch
F52	5A	Vehicle inverter
F53	5A	USB charging port
SB01	60A	GCU
SB02	30A	Front wiper
SB03	40A	Rear Blower
SB04	25A	Towing module controller 1
SB05	30A	Panoramic Sunroof
SB06	25A	Small sunroof & panoramic sunroof sunshade motor
SB07	30A	D20 fuel preheat
SB08	25A	TCCU power supply 2
SB09	25A	Towing module controller 2
SB10	30A	Power Driver Seat
SB11	30A	Starter
SB12	30A	Fuel pump
SB13	/	Reserved
SB14	60A	ESC motor

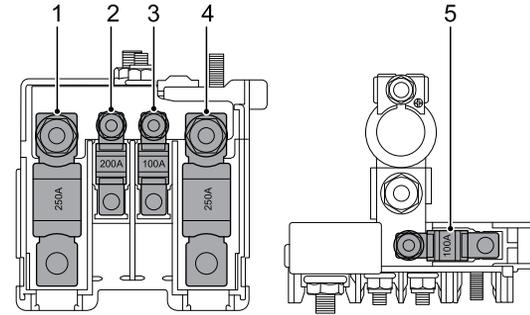
Code	Specification	Function
SB15	25A	TCCU power supply 1
SB16	30A	Towing module
SB17	30A	Power tailgate controller
SB18	25A	IEC KL30S
SB19	30A	Power front passenger seat
SB20	40A	PTC3
SB21	30A	Rear left window regulator
SB22	30A	NF2 electric vacuum pump relay & D20 digital fan
SB23	30A	Rear right window regulator
SB24	40A	ESC valve
SB25	40A	HCU
MIDI	125A	IEC
K1	MICRO 35A	Front wiper high-low speed relay
K2	MICRO 35A	Front wiper On/Off relay
K3	POWER MINI 70A	Rear blower relay
K4	POWER MINI 70A	IG relay
K5	MINI 40A	Power-saving relay at ordinary times
K6	MICRO 35A	Fuel pump relay
K7	MICRO 35A	Starter relay
K8	MICRO 35A	D20 fuel filter relay

Emergency Troubleshooting

Code	Specification	Function
K9	POWER MINI 70A	Main relay
K10	U-MICRO 20A	A/C clutch relay
K11	MICRO 35A	PTC3 Relay
K12	MICRO 35A	NF2 electric vacuum pump relay & D20 digital fan relay
K13	POWER MINI 70A	ACC relay

Battery fuse box

The battery fuse box is located on the battery positive terminal.



Specification

Code	Specification	Function
1	MAGA 250A	DCDC / generator
2	MIDI 200A	UEC (front compartment fuse box)
3	MIDI 100A	Cooling fan
4	/	Starter
5	MIDI 100A	EPS (electric power steering)

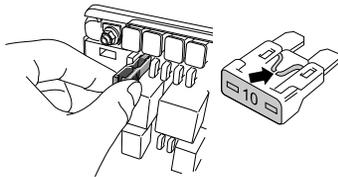
Emergency Troubleshooting

Fuse replacement

! Only replace with fuses of the same specifications/rated current. Installing nonspecific fuse will damage electrical system and even cause fire. Before attempting to replace the fuse, ignition switch and all electrical devices shall be turned off. Any unauthorized change to vehicle electrical system will cause serious adverse effect and fire on the electronic management system.

Pull the fuse outward with puller provided in fuse box to remove the fuse. Internal wiring of the fuse can be used to identify blown fuse (arrowed).

Note: Repeated failure with the same fuse is the indication of circuit failure. Please contact our service dealer as soon as possible.



Caution

Unauthorized change to electrical system of the vehicle will invalidate the warranty.

Bulb replacement

Before replacing any bulb, turn off the ignition switch and the lamp switch, to avoid any possible short circuit.

When removing or installing the bulb, do not touch the bulb with hands. If touched, wipe away the hand print with a piece of cloth or alcohol.

Caution

The type and specification of replaced bulb must be the same as that of the original bulb.

Lamp Specification

Lamp	Specification
Front roof vanity light	W5W
Rear roof vanity light	W5W

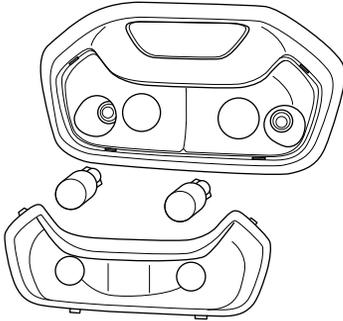
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Emergency Troubleshooting

Bulb replacement

The followings are the methods for removing the bulb; for other unlisted bulbs that need to be replaced, please contact our service dealer for repair. The bulb installation is the reverse of removal, which will not be described below.

Rear roof vanity light



Carefully pry up the lampshade with a screwdriver or equivalent.
Remove the rear roof vanity light bulb.

Maintenance and Service

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Safety

During vehicle inspection or maintenance, take care to reduce risks of personal injury or vehicle damage, and always observe the following safety precautions.



Turn off the ignition switch and pull out the key, unless otherwise specified in special procedures.

When the engine is running, be sure to keep hands, tools and clothes away from the drive belt and belt pulley.

The radiator fan may start at any time (even when the engine is not running). Always ensure your hands, loose clothing (such as ties, scarves, etc.) stay away from fan blades.

After the engine is started/running, many components under the engine hood will be hot, such as the engine, exhaust system, cooling system, etc. Do not touch until it is cooled down.

Do not touch wires or components with the ignition switch in "ON" position. Keep in mind that the battery and wires carry with high current or voltage possibly causing personal injury. Avoid short circuit.

Do not start the engine in an unventilated place as poisonous gases exhausted is very dangerous.

If possible, operate at the engine compartment after engine shutdown and battery disconnection

(refer to "Jump start" in Emergency Troubleshooting section). If components under the engine hood shall be inspected when the engine is running, make sure the vehicle is on a level ground, the parking brake handle has been pulled up and the shift lever is in N or P position. Keep the matches and open fire away from the battery area and all fuel related components. Do not smoke near these areas and components.

Most fluids used for motor vehicles are toxic, do not drink or allow them contact with the skin or eye. These fluids include battery acid, coolant, brake fluid, fuel, washer fluid, lubricating oil, refrigerant, etc. Please wear protective gloves to refill these fluids. And observe all instructions on labels and containers. When operating on or under the vehicle, wear protective glasses if it is possible to touch splashed or fallen articles and sprayed fluid.

Long-term contact with engine oil may cause skin diseases, including dermatitis and skin cancer. Wash thoroughly to clean it after contact.

Be sure to keep children and pets away from the vehicle. Nobody is allowed to stay in the vehicle (except those work in the vehicle according to your instruction). Be sure to keep children away from oil, fluid and lubricating grease.

Maintenance and Service

Regular maintenance

Regular maintenance is the key to economy, safety and reliability for your vehicle and it must be remembered that the responsibility for maintaining your vehicle in a safe, roadworthy condition rests ultimately on you, the owner/operator.

Necessary maintenance and the intervals have been specified to maintain your vehicle properly. Regular vehicle maintenance shall be done by our service dealer in accordance with Warranty & Service Handbook.

It is in your best interest to have your vehicle regularly maintained in accordance with regulations.

Our service dealers are recommended as they have qualified personnel, required facilities and can offer the unique pre-planned service which will give maximum vehicle reliability.

Owner's check

The following are a few simple but important checks which you shall make at regular intervals before driving to ensure reliable and economic operation:

Daily checks

- The function of lighting (make sure all lens are clean), horn, instrument cluster, warning lights and indicators, wipers and washers.
- The seat belts are intact.
- The brakes operates normally.
- Visually check if there is water, oil, fuel, exhaust fume and other leakage under the vehicle.

Maintenance and Service

Weekly checks or check before a long journey

- Check fluid level/refill.
 - Engine oil
 - Coolant
 - Windshield washer fluid
 - Brake fluid
- Check for condition and pressure of all tires (including the spare tire).
- Check and operate A/C system.

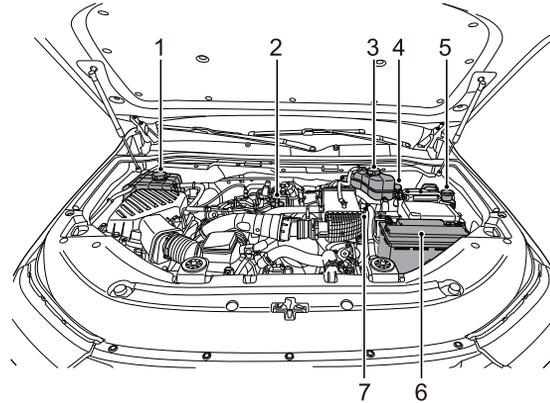
Harsh conditions

For vehicles often used in harsh conditions, it is recommended to shorten the maintenance interval.

Regular vehicle maintenance shall be done by our service dealer in accordance with Warranty & Service Handbook.

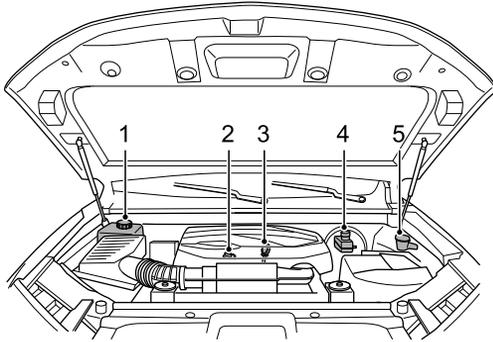
Engine compartment

Vehicles equipped with diesel engine



- 1 Engine coolant reservoir
- 2 Oil filler cap
- 3 Water-air intercooler coolant reservoir
- 4 Brake fluid reservoir
- 5 Washer fluid reservoir
- 6 Battery
- 7 Oil dipstick

Vehicles equipped with gasoline engine

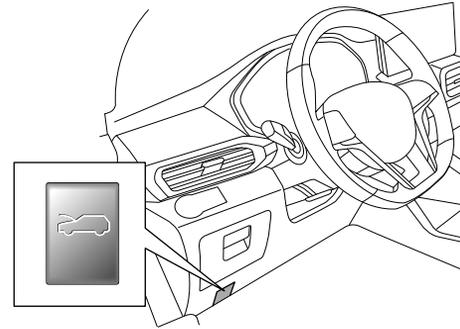


- 1 Engine coolant reservoir
- 2 Oil filler cap
- 3 Oil dipstick
- 4 Brake fluid reservoir
- 5 Washer fluid reservoir

Engine hood

Open engine hood

Pull up the engine hood release handle located below the dashboard at driver side twice in the direction shown to unlock the front compartment, then lift the engine hood.



Maintenance and Service

Close engine hood



When the vehicle is powered on, the radiator fan may start at any time (even when the engine is not running). Always ensure your hands, loose clothing (such as ties, scarves, etc.) stay away from fan blades.

If the engine is running, keep your hands, clothing, etc. away from the rotating pulley, drive belt, fan blades and other devices.

Hold the engine hood with both hands, and lower it. When the engine hood is lowered to about 20 - 30 cm from its locking position, apply a certain downward force, enabling it to have a certain acceleration, so as to close the engine hood.

After the engine hood is closed, verify whether it is completely locked by attempting to lift the front edge of engine hood. If it is not completely locked, please re-open the engine hood, and repeat the closing action again.

Caution

Before closing, check that there is no tools, rags, equipment, etc. left in the area under the engine hood.

Engine hood open alarm

If the engine hood is not completely locked, corresponding alarm icon will be displayed on the display. If it is found that the engine

hood is not completely locked while driving, there will be warning sound.

Caution

- For safety reasons, the engine hood must be always in tightly closed state while driving. Therefore, check whether the latch is completely embedded each time the engine hood is closed, i.e. check whether the engine hood is flush with the body parts.
- When driving, if the engine hood is not completely closed, you should pull over immediately under the premise of safety, and continue driving after getting off and closing the engine hood completely again.
- Close the engine hood with a downward force, and take care not to get your hands pinched.

Engine oil

It is recommended to use oil of correct grade; refer to "Recommended fluids" in General Technical Parameters section for specifications.

Our service dealer are ready to provide you with the latest updates and improvements on recommended oils. If the temperature in your area is extremely low (-30°C or less), it is recommended to use a special oil suitable for winter for your engine, please consult our service dealer for details.

Caution
Don't use the engine oil not conforming to the specified grade requirements. Improper use of oil may cause damage to the engine, thus the warranty will become invalid.

Check and refill



Do not exceed the 'MAX' mark when refilling.

Long-term frequent exposure to used engine oil can cause severe skin disease. Please avoid excessive skin contact with engine oil, in case of contact, rinse your skin thoroughly.

Keep the engine oil out of the reach of children and pets.

Park the vehicle on a level ground, warm up engine at idle speed for 1 - 2 minutes, turn off the ignition switch, and check the engine oil level after waiting for about 10 minutes.

Pull out the oil dipstick and wipe the blade with a paper or lint-free cloth. Completely insert the oil dipstick back and then pull out. The oil level indication must be between "MAX" and "MIN" marks.

Maintenance and Service

Vehicles equipped with diesel engine



Vehicles equipped with gasoline engine



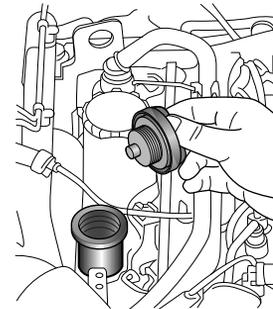
Caution

Check the engine oil level frequently, and refill as necessary. Both excessive and insufficient refilling of engine oil is likely to damage the engine, and the damage are not covered by warranty.

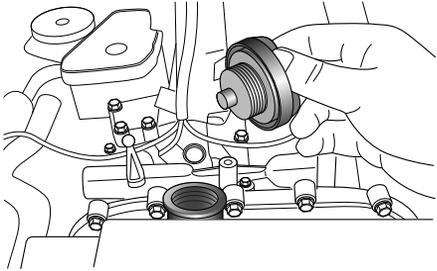
If you need to refill, please unscrew the oil filler cap, then add new oil of correct specification in several times and in small quantities. Repeat the oil level check process after the oil drops into the tank. Refill as necessary until the oil level is correct.

 **Empty containers and used oil can not be discarded randomly, so as to avoid environment pollution.**

Vehicles equipped with diesel engine



Vehicles equipped with gasoline engine



Engine oil consumption

The engine oil consumption is affected by a variety of factors (these factors also affect fuel consumption), of which the oil type and driving pattern (especially in the "running-in" period) are the two most important factors. Generally, the engine oil consumption is higher in the "running-in" period and in continuous high-speed operation. You must follow the suggestions on driving tips in this Handbook. Please refer to "Driving" in Starting and Driving section.

Coolant

! Coolant is harmful if swallowed. Do not allow coolant to contact the eyes or skin. If it does, rinse immediately with plenty of water.

The coolant of correct specification can not only protect the engine from frozen damage, but also offer corrosion protection throughout the year. If coolant of correct specification is not added, do not drive the vehicle. Please refer to "Recommended fluids" for coolant specification.

The fluid in the cooling system must be discharged at a specified interval, then the system shall be rinsed, and the appropriate amount of antifreeze should be refilled.

Caution

When refilling or replacing coolant, only the specified coolant can be used. The use of non-recommended coolant could cause damage to the cooling system and may invalidate the warranty.

Maintenance and Service

Check and refill

! Do not remove the expansion tank cap while the cooling system is hot, for overflowed water vapor or hot coolant may cause personal injury. If coolant has to be refilled when the engine is hot, please wait for 10 minutes, place a thick cloth over the expansion tank cap and turn the cap counterclockwise slowly to release the pressure inside the reservoir, and then remove the cap.

Be sure to check the coolant level when the vehicle is parked on a flat ground and the engine is not running (in cold state).

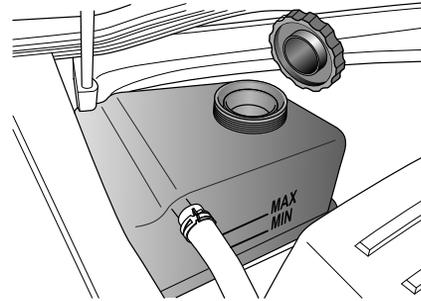
The fluid level is visible on the expansion tank, and the normal level should be between the "MAX" (the maximum amount) and "MIN" (the minimum amount) marks.

If the level drops to the "MIN" mark, clean the area around the coolant reservoir cap and rotate the cap counterclockwise to remove it. Top-up with the specified fluid between 'MAX' and 'MIN' marks. Install the reservoir cap.

Note: *The coolant may expand when it becomes hot, so the liquid level may be higher than the level mark.*

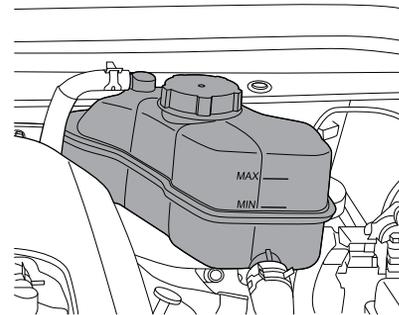
Note: *Excessive refill may cause the coolant overflow when the engine temperature rises, which undermines the cooling effect. Simply refill the fluid to the indicated level when the engine is cool.*

Engine coolant reservoir



Water-air intercooler coolant reservoir

Note: *It applies to vehicles with diesel engine.*



Caution

If the level has fallen appreciably, or topping-up is required frequently, it shall be suspected of leakage or overheating, please contact our service dealer for inspection.

Precautions for cold weather

In order to reduce possible problems related to the use of the coolant which may occur in cold weather, please consider the following suggestions:

- Since the standard freezing point of the coolant used in the vehicle is -35°C (with the mixture ratio of coolant stock solution and water of 1:1), it is necessary to park the vehicle in areas where the coolant temperature can be maintained above -35°C .
- If you are using your vehicle in extremely cold areas where the ambient temperature is below -35°C , please use the coolant of appropriate proportion based on the local temperature. (Refractometer T10007 can be used to detect the freezing point of the coolant)

Brake fluid



If there is a significant drop in the level of the brake fluid, contact our service dealer for service as soon as possible.

Use only new brake fluid of the specified type. Use of brake fluid which is old or not the specified type can cause loss of braking performance.

Brake fluid cleanliness is essential. Any dirt entering the system can cause loss of braking performance.

Do not allow brake fluid to contact your skin or eyes; If it does, rinse immediately with plenty of water. Keep brake fluid out of the reach of children.

Do not allow brake fluid flowing onto the engine, otherwise it may be ignited when the engine becomes hot, causing a fire and damage to the engine.

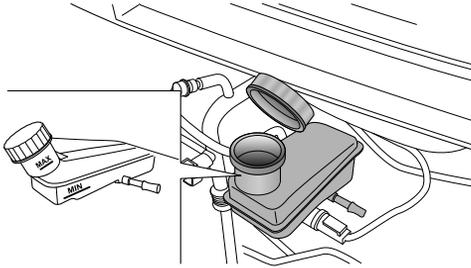
Caution

- Only refill the brake master cylinder with brake fluid complying with specification DOT4. Do not use brake fluid of any other type.
- Brake fluid will damage the paintwork when coming in contact with it. Wipe it clean immediately and rinse with water.

Maintenance and Service

Check and refill

Be sure to check the brake fluid level after the vehicle is parked on a flat ground and the brake system is in cold state. Brake fluid level is visible on the reservoir and the normal level shall be between "MAX" and "MIN" marks. If the level drops to "MIN" mark, clean the area around the filler cap and then turn the reservoir cap counterclockwise to remove it. Refill with specified new brake fluid to the level between "MAX" and "MIN" marks and replace the reservoir cap.



If the level is lower than the "MIN" mark, "Brake system warning light (red)" on the message center display will illuminate. This indicates fault in the braking system which must be investigated immediately. If in driving, IMMEDIATELY bring the vehicle carefully to a halt. Contact our service dealer for service as soon as possible. Do NOT continue driving.



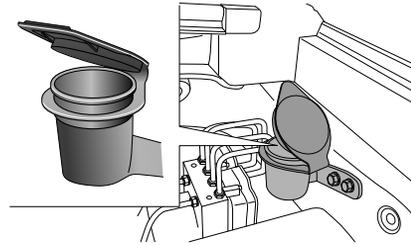
Never discard used brake fluid casually to avoid the environment pollution.

Washer fluid

Check and refill

⚠ Driving with a non-operational washer system can be dangerous; always check it before driving.

The windshield washer fluid reservoir is located in the engine compartment. To refill, lift the front of the filler cap to refill washer fluid and then replace it. For washer fluid specification, refer to "Recommended fluids" in General Technical Parameters section.



Caution

Do not use washer fluid that does not comply with requirements. Do not use tap water as mineral substance in tap water will easily block windshield washer fluid pipeline or nozzle.

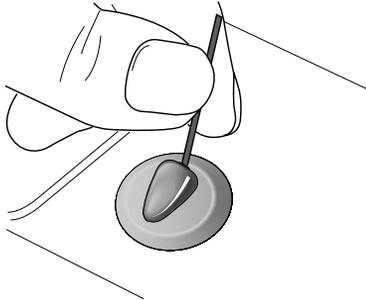
Washer nozzle

Adjustment and cleaning

Front washer nozzle

The front washer nozzle is not adjustable.

Prior to carrying out nozzle cleaning, ensure that the washer fluid reservoir contains washer fluid. Clean the nozzle with a thin thread or needle carefully if the nozzle is clogged.



Rear washer nozzle

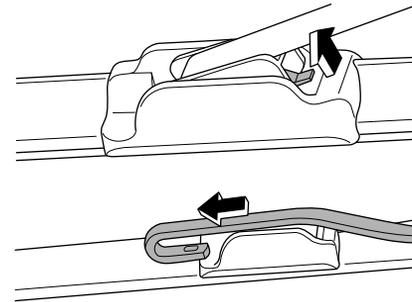
The rear washer nozzle is not adjustable.

Wiper blade

Check

Examine the edge of the blade for roughness or damage, and check that the blade rubber is secure throughout its length.

Note: *Traces of grease and other impurities on the rubber can prevent the wipers from working correctly, and can also damage the windshield.*



Maintenance and Service

Replacement

Removal

- Lift the wiper arm from the windshield, then make the blade and arm maintain at a angle of about 15°.
- Push the retaining clip (in the direction of the arrow) and slide the blade holder toward the arm in the direction of the arrow to disengage the pivot on the holder from the hook on the arm.

Note: Remember the relative location of hook and bracket because the replacement blade is required to be fitted later in the same way.

Installation

- Install the blade carrier over the hook.
- Engage the pivot in the hook, and then push it into position until it is heard to click into place.

Maintenance and service

Wash with high-quality cleaner or neutral detergent and wipe it clean with a dry, soft cloth that is free of lint.

Seat belts

Check



The belts also have a sensitive retractor which is designed to lock only during heavy acceleration, deceleration or sharp turns.

Do not test the locking device by deliberately jerking forward your upper body.

Check ALL seat belts as follows:

- Check all belt anchorage points for safety.
- Insert the locking tab into the buckle, and check whether the locking operation is clear. Push the red button and check if the locking tab pops neatly.
- With the seat belt half loosened, hold the locking tab and abruptly pull it. Check if the safety mechanism can be locked automatically and prevent further looseness.

Maintenance and service

 **Do not attempt to repair the retractor or buckle mechanisms, or to modify the seat belts in any way. Seat belts subjected to strain as a result of an accident shall be replaced, and the anchorage points checked, by our service dealer.**

Regularly inspect the belt webbing for signs of abrasion or wear, paying particular attention to the anchorage points and adjusters.

Clean seat belts by sponging with lukewarm water and a mild soap; allow drying naturally - Do NOT heat or exposing to direct sunlight. Do not allow water to enter retractor. Never bleach or color seat belt as its strength may be reduced.

Battery

Warnings and instructions for battery:



Wear goggles!



The battery acid is strongly corrosive. Be sure to wear protective gloves and goggles!



Open fires, electric sparks, strong lights and smoking are strictly prohibited!



Explosive gas mixture may be generated during battery recharging!



Ensure to keep any child away from the acid and the battery!



There may be risks of injury, corrosion, accident and fire during operations on the battery and any electrical appliance in the vehicle!

Be sure to wear goggles. Do not allow acid or leaded particles to get into your eyes or onto your skin or clothes.

The acid in the battery is highly corrosive. Be sure to wear protective gloves and goggles. The battery cannot be turned over, or acid may flow out of the vent. If acid gets into your eyes, immediately rinse with clean water for a few minutes, then see a doctor

Maintenance and Service

 immediately. If acid splashes onto your skin or clothes, immediately neutralize it with thick soap solution, and then rinse with plenty of water. If you drink acid by mistake, see a doctor immediately.

Open fires, electric sparks, strong lights and smoking are prohibited. When working on cables and electrical appliances and removing electrostatic loads, avoid the generation of electrical sparks. The electrodes of battery can NEVER be short-circuited, or it may cause personal injury due to large energy sparks.

Explosive gas mixture may be generated during battery recharging. The gas vent of battery should be kept unblocked to discharge the gas correctly. During recharging, the battery should be located in a space with good ventilation.

Ensure to keep any child away from the acid and the battery.

Turn off the engine, ignition switch and all electrical appliances before working on electrical appliances. Remove the negative cable of battery. When replacing bulbs, only the lights are required to be turned off.

Pay attention to the polarities of power supply. Before powering on, the matches of polarities must be checked.

 The duration of each powering on shall not be less than 5 seconds. Try to avoid powering on and off too frequently.

When removing the battery, please remove the negative cable before removing the positive cable.

Before powering on the battery again, all electric appliances should be turned off. First connect the positive cable, then the negative one. Never connect the cables incorrectly - risk of fire!

Unauthorized removal and installation of battery is strictly prohibited since such operation may cause severe damage to the battery and fuse box in some cases. Please contact our service dealer.

Do not disconnect the battery when the ignition switch is on or the engine is running, otherwise it may damage the electrical appliances (electrical components). To prevent the battery housing from exposing to ultraviolet ray, do not expose the battery under the sunshine.

Vehicle parking period

If the vehicle is to be parked for an extended period of time, the static current electrical appliance (like clock, security devices) will drain the battery, and the battery has to be charged. To avoid such case, charge the battery or disconnect the battery negative cable during the vehicle parking.

Note: Please pay attention to the warnings & instructions for battery before working on it.

Caution

Ensure to turn off the ignition switch during parking, otherwise the parking period can be reduced significantly.

Operating in winter

There are particularly strict requirements on the vehicle battery operation in winter. In addition, the starting power provided by the battery at low temperature is only a part of that at normal temperature. Therefore, we recommend to have the vehicle battery checked by our service dealer before the cold season begins, and recharge it if necessary.

If the vehicle is not used for weeks in cold season, please remove the vehicle battery and store in an ice-free room, to prevent it from freezing and damage.

Charging the battery with ground equipment

 **Do not charge any frozen battery, there is a risk of explosion! Even if the battery has been unfrozen, there may be battery acid spilling out and cause corrosion. Any frozen battery must be replaced.**

Turn off the ignition switch and all electrical appliances before charging.

If the vehicle has been parked for a long period and cannot be started due to lack of power (general terminal voltage $\leq 12V$), the battery must be removed from the vehicle and charged with a ground equipment (follow the instructions provided by the manufacturer of the charging equipment).

During charging with small current (e.g., a small charging equipment), it is unnecessary to remove the connecting cables of battery. However, please ensure to read the instructions from the manufacturer of the charging equipment.

Before fast charging (i.e., large current charging), both of the connecting cables must be removed.

Note: Please pay attention to the warnings & instructions for battery before working on it. During the charging, the charging equipment can only be powered on after the electrode clamps of charging equipment is connected to the electrodes of battery as required. After the charging is finished, turn off the charging equipment first, remove the power cable, and then remove the electrode clamps of charging equipment from the battery. When connected to external equipment for charging, the electrode must be connected accordingly. It is prohibited to connect the battery positive terminal to the negative terminal of charging equipment, and prohibited to connect the electrode reversely, otherwise the DCDC converter will be seriously damaged, and the vehicle is unable to run. In this case, please contact our service dealer.

Maintenance and Service

Caution

- Keep any child away from the battery, battery acid and charging equipment.
- The battery can only be charged in a space with good ventilation. Smoking is prohibited, and keep away from open fires and electric sparks, as explosive gas mixture may be generated when the battery is charged.
- Protect your eyes and face, never be too close to the battery. If acid splashes onto your eyes or skin, immediately rinse with clean water for several minutes before seeing the doctor.
-
- The fast charging of the battery is dangerous, which should be done by our service dealer, because it requires professional charging equipment and knowledge.
- Any frozen or unfrozen battery must be replaced. Because cracks may be found on the frozen battery housing. It may cause leak of battery acid and damage to the vehicle.

Removing the battery

Turn off the ignition switch and all electrical appliances before the battery removal.

To remove the battery, firstly remove the negative cable and then the positive cable. And then remove the bolt on the mounting bracket of battery to remove the battery.

Replacing the battery

The battery installed on your vehicle is designed for the corresponding mounting location. To replace the battery, please ensure to use one with the same voltage (12V), structure and safety label. The current strength and capacity should be same with the original battery. Our service dealer can offer you with genuine batteries.

When replacing the battery, please ensure that the ignition switch is turned off and all electric appliances are turned off.



Concerning the disposal of used battery, it is suggested to have the battery replaced by our service dealer. Additionally, the battery can never be treated as household garbage because it contains sulfuric acid and lead.

Installing the battery

Before installing the battery, please turn off the ignition switch and all electrical appliances. Put the battery in the installation position prepared for it, and fix it with the battery bracket. When connecting the battery, please fix the positive cable before the negative cable.

Caution

To prevent the battery from discharging, please turn off the ignition switch when you leave the vehicle.

Tires

! DEFECTIVE TIRES ARE DANGEROUS! DO NOT drive your vehicle if any tire is excessively worn or damaged, or is inflated to an incorrect pressure.

Frequently inspect the tires and sidewalls for any sign of distortion (bulges), cuts or wear. Gravel and other sharp objects should be removed using a suitable blunt. If neglected, they may pierce through the tire.

Tire pressure

! Driving with incorrectly inflated tires can affect vehicle stability, increase rolling resistance, and cause rapid tire wear and possible permanent damage to the cords of the tire casing.

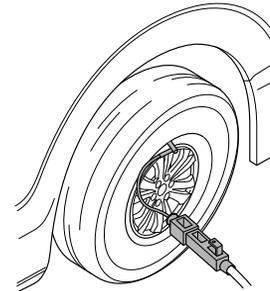
Remember tire wear and inflation pressure regulations. It is the driver's responsibility to ensure that the tires meet these requirements.

Check the tire pressures weekly, including the spare tire, and if necessary, adjust the tire pressure in accordance with pressure requirements on the "Tire pressure mark" on the front side door frame. This Handbook introduces the correct tire pressure in cold condition, refer to "Wheel and tire" in General Technical Parameters section.

The spare tire should be maintained at the highest recommended pressure and adjusted before use. Pressure should be checked with an accurate Tire Pressure Gauge when the tire is cold instead of decreasing the value under warm condition as the pressure will be higher than normal pressure due to temperature. Be sure to install the valve caps to prevent dirt entry into the valve mechanism.

A natural pressure loss will occur with time; any unusual pressure loss should be investigated and rectified.

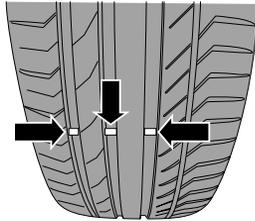
Note: Specified pressure applies to a cold tire, while the pressure of hot tire should be higher.



Wear indicator

Wear indicator is provided in the original tire tread. When the tires are worn to 1.6 mm of tire tread, and the entire transverse surface of tire tread will expose the wear indicator.

A tire should be replaced immediately where any part of the wear indicator becomes visible. However it is in your interest to note that tire safety and performance tends to reduce before the legal limit is reached. For example, severely worn tires will increase the risk of slipping.

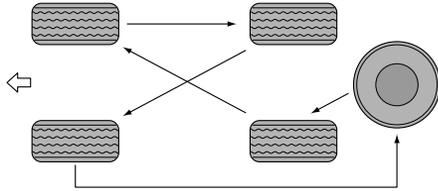


Tire check and rotation

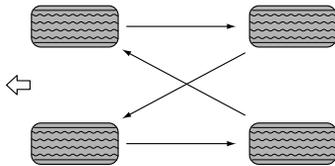
In order to achieve even tire wear, it is recommended to check the tires every 5,000km, and check the wheel alignment parameters under the curb weight of the entire vehicle as required. If irregular wear is found, the tires position should be changed, and wheel alignment adjustments should be made if necessary. During the tire rotation, check the tires for correct dynamic balance.

During the tire rotation, check for uneven wear and damage. Abnormal wear is usually caused by incorrect tire pressure, poor wheel alignment, poor wheel dynamic balance, emergency braking or cornering. Check the tread or the side of the tire for collision damage or bulges. If one of these conditions is found, the tire shall be replaced. If fabric or cord is visible, the tire shall also be replaced. After the tire rotation, adjust the inflation pressure of the front and rear tires as shown on the tire pressure label on the vehicle and check the tightness of the wheel nuts.

Tire rotation method for vehicles equipped with full-size spare tires



Tire rotation method for vehicles equipped with small-size spare tires



Other maintenance

Vehicle wash

! When driving for the first time after washing the vehicle, gently depress the brake pedal several times to remove moisture from the brake discs.

Wash the tires with care. Never use a high pressure nozzle as it may damage tires. If any damage is found, replace the tire.

Water flushing is prohibited in the front part of the interior (near the dashboard area) to avoid unnecessary damage to related parts.

Careful attention to the following will help to retain the value of your vehicle:

- Clean the vehicle with cold or lukewarm water. Hot water may cause damage to vehicle paintwork under extreme cold conditions.
- No vehicle washing under strong direct sunlight during hot weather.
- Use special vehicle cleaner to remove grease and tar spots on vehicle body and while still wet, wash the paintwork using a soft sponge and generous quantities of water containing car shampoo. Rinse thoroughly and dry off with a chamois leather.

Maintenance and Service

- When cleaning the vehicle with a hose, it is prohibited to spray the water directly to the window, the door, or the brake parts through the gap of the wheel.
- After cleaning, inspect the paintwork for damage and stone chips; apply touch-up paint if necessary. Use polishing wax to protect the paintwork from time to time.
- When using high pressure cleaning equipments, the water jet shall be kept moving. Do not directly wash the engine, radiator, door gap, seals, electrical components or components connected to it.

Note: Please timely remove the substances on the surface of the paint which seem harmless but in fact corrosive, such as bird droppings, resin, insect wreckage, tar spots, road salt and industrial dust. Otherwise permanent staining or damage will be produced.

Caution

It is prohibited to open the engine hood and directly rinse the engine compartment, as this may cause short circuits of electrical components in the engine compartment. Don't use steam to clean the underbody, wheelhouse or transmission portion, as this will damage the protective wax layer.

Engine carbon deposit cleaning

In view of the quality of domestic fuel products, it is recommended to use the fuel system carbon deposit cleaner

certified by SAIC Motor every 5,000 km to 10,000 km regularly. Please consult our service dealer for details.

Anti-corrosion of underbody

The underbody of your vehicle has been treated with anti-corrosion. Check underbody anti-corrosion regularly.

Use a water jet to remove accumulations of caked mud or debris on underbody. Especially in winter, when salt is used on icy and snowy roads.

Seat and trim

Often use vacuum sweeper or soft brush to clean dirt and dust accumulated on fibers. Often use clean cloth to wipe the trim. Use special cleaner to remove general trim dust, staining or spots. Use special cleaner to clean leather parts.

Door seals

To prevent rubber door seals from freezing in a cold weather, a rubber maintenance product or a silicone spray shall be used for its protection.

Window glass

Often use glass cleaner to clean window glass.

The headlight lenses are clear plastic. Use high-quality cleaner or neutral detergent rather than abrasives or chemical solvents to wash.

General Technical Parameters

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General Technical Parameters

Major vehicle dimension parameters

Model	SV9A-0110 SV9A-0410
Drive mode	4X4, Front-engine 4WD
Length, mm	5046
Width, mm	2016
Height, mm	1876
Wheelbase, mm	2950
Front/Rear overhang, mm	971/1125
Front track, mm	1644
Rear track, mm	1664
Minimum turning circle diameter, m	12.2±1

General Technical Parameters

Vehicle weight parameters

Model	SV9A-0110		SV9A-0410	
	Maximum allowable total mass, kg	2900	3100	2900
Curb weight, kg	2370	2450	2230	2280
Axle load (Front/rear axle load under total mass), kg	1305/1595	1426/1674	1220/1680	1320/1680
Axle load (Front/rear axle load under curb weight), kg	1232/1138	1275/1175	1115/1115	1150/1130
Number of seats	7	7	7	7

General Technical Parameters

Vehicle performance parameters

Engine type	SC20M218Q6A	20A4E
Maximum design speed, km/h	175	190
Maximum gradeability, %	55	55
Emission level at delivery	Euro 5	Euro 5

General Technical Parameters

Main engine parameters

Engine type	SC20M218Q6A	20A4E
Type	In-line 4-cylinder, water-cooled, turbocharged and intercooled, in-cylinder direct injection diesel engine	In-cylinder direct injection gasoline engine with turbocharger and intercooler
Displacement, L	1.996	1.986
Number of cylinders	4	4
Cylinder diameter, mm	83	82.5
Stroke, mm	92	92.9
Volume compression ratio	15.9:1	11.5 : 1
Engine speed at rated power, rev/min	4000	5500 ~ 6000
Maximum net power, KW	158.5	184
Engine speed at maximum net power, rev/min	4000	5500 ~ 6000
Max. torque, Nm	480	410
Engine speed at maximum torque, rev/min	1500 ~ 2400	2000 ~ 3500
Idle speed, rev/min	750±25	750±30
Fuel type and grade	Diesel	RON 95# unleaded petrol and above only
Fuel tank capacity, L	75	75

General Technical Parameters

Chassis technical parameters

Item	Parameters
Front suspension	Double wishbone independent suspension
Rear suspension	Five-link non-independent suspension
Requirements for steel wheel dynamic balance	Unilateral allowable residual dynamic imbalance: less than 10 grams The maximum weight of balance blocks used on outer side is 60 grams, and the sum of the two sides does not exceed 120 grams
Requirements for aluminum wheel dynamic balance	Unilateral allowable residual dynamic imbalance: less than 8 grams The maximum weight of balance blocks used on single side is 80 grams, and the sum of the two sides does not exceed 160 grams
Reasonable free travel range of brake pedal	Within 20mm
Reasonable application range of brake friction pair	For single friction plate, the friction material shall remain at least 2mm The wear on each side of the brake disc shall be less than 1.5mm

General Technical Parameters

Recommended fluids

Item	Grade	Capacity
Diesel engine lubricating oil, L	SAE 5W-30(PRO) ACEA C3	4.7
Diesel engine coolant, L	D-35(-35°C)	13.5
Diesel engine water-air intercooler (closed system) coolant, L	D-35(-35°C)	4.0
Gasoline engine lubricating oil, L	C5 0W-20	4.8
Gasoline engine coolant, L	D-35(-35°C)	12
8AT automatic transmission fluid, L	Shell L12108	8.77
Brake fluid, L	Laike 901-4 DOT 4	0.66
Washer fluid, L	Universal low freezing point washer fluid	2.2
Air conditioning refrigerant, g	R134a	900±30 (Dual zone A/C system) 620±30 (Single zone A/C system)
Front axle lubricant, L	TEMPO GL-5 80W-90 SINOPEC GL5 80W-90 Castrol Transmax axle EPX 80W-90	0.9
Rear axle lubricant, L	TEMPO GL-5 80W-90 SINOPEC GL5 80W-90 Castrol Transmax axle EPX 80W-90	1.74
Transfer case lubricant, L	MERCON LV	1.7±0.1

General Technical Parameters

Wheel and tire

Item			Parameters		
Wheel specifications			20×8J		18×8J, 18×7.5J
Tire specifications			265/50R20		265/60R18
Tire pressure (cold state)	Front wheel	Half load	230kPa/2.3bar/33psi		230kPa/2.3bar/33psi
		Full load	230kPa/2.3bar/33psi		230kPa/2.3bar/33psi
	Rear wheel	Half load	240kPa/2.4bar/35psi		240kPa/2.4bar/35psi
		Full load	240kPa/2.4bar/35psi		240kPa/2.4bar/35psi
Small-size spare tire specifications			265/60R18	255/60R18	255/60R18
Small-size spare tire pressure (cold state)			290kPa/2.9bar/42psi	290kPa/2.9bar/42psi	290kPa/2.9bar/42psi
Full-size spare tire specifications			265/50R20		265/60R18
Full-size spare tire pressure (cold state)			290kPa/2.9bar/42psi		290kPa/2.9bar/42psi

General Technical Parameters

Wheel alignment parameters

Item		Parameters
Front wheel	Toe-in	$0 \pm 0.15^\circ$
		Total toe-in $\leq 0.15^\circ$
	Camber	$0 \pm 0.5^\circ$
		Difference between left and right $\leq 0.5^\circ$
		$3.6 \pm 0.5^\circ$
Kingpin caster	Difference between left and right $\leq 0.5^\circ$	
	$2.99 \pm 0.5^\circ$	
		Difference between left and right $\leq 0.5^\circ$
Rear wheel	Toe-in	$0^\circ \pm 0.25^\circ$
	Camber	$0^\circ \pm 0.5^\circ$
	Thrust angle	$0^\circ \pm 0.25^\circ$