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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.

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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").

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Wish you a pleasant driving!

SAIC MAXUS Automotive Co.,Ltd. Address: #2500, Jun Gong Road, Yang Pu District, Shanghai Postcode: 200438

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

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# Preface

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## Introduction

### About this handbook

This manual applies to e DELIVER 5 series of pure electric vans.

Caution
IMPORTANT: 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 Q31/0110000019C032.

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 the possibility of vehicle damage.

#### Note

**Note: This is suggestive description which is useful for you.**

#### Environmental protection



**Everyone is obliged to protect the environment. This symbol intends to remind you to pay attention to environmental protection.**

#### Arrows



It represents the described object.



It represents its direction of motion.

#### See


The contents are referred by the "Section" title.

# Preface

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## 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, 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 a seat belt. In addition, your vehicle has been installed with supplementary restraint system (SRS) comprising an airbag and a seat belt pre-tensioner, providing extra protection for the driver and front passenger.

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

## Cyber security

Perform restoration of factory settings and deletion of private data on the entertainment system head unit before vehicle transaction, user change, and vehicle scrapping.

## Vehicle identification

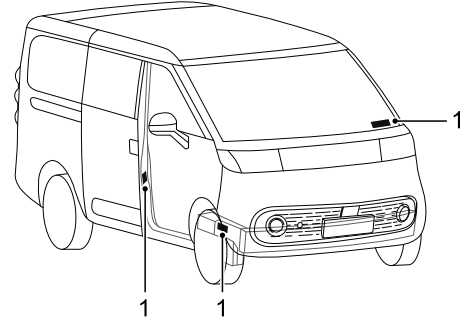
When communicating with Our Service Dealer, you should provide the vehicle identification number.

### Vehicle identification number (VIN)

Vehicle identification number (VIN) on the vehicle :

- The outer panel of the right front longitudinal beam of the vehicle (seal position).
- On the VIN plate on the right side of B pillar.
- On the windshield lower cross member cover plate assembly at the left lower corner of the windshield through where the VIN can be seen easily.
- At the front side panel sheet metal.
- At the drive motor.

This vehicle is equipped with an OBD data link connector, which is located at the lower side of the 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.



1 Vehicle identification number (VIN)

### Model and number of drive motor

The model and number of drive motor are carved on the housing of the drive motor.

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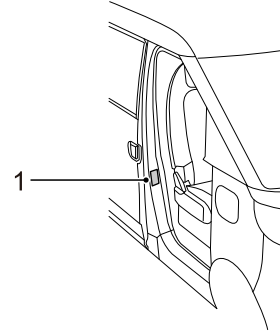
## VIN plate

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

- The manufacture's company name
- The whole vehicle type-approval number
- VIN
- The technically permissible maximum laden mass
- The technically permissible maximum mass of the combination
- The technically permissible maximum mass on each axle listed in order from front to rear
- The additional mass for alternative propulsion (Option)

## Location of VIN plate

VIN plate (1) is located at front lower side of right B pillar.



## Instructions for using electric vehicle

### Ambient temperature for vehicle use

The working performance of the high voltage battery pack in the power system of the vehicle is related to ambient temperature, so it is recommended to use the vehicle at the ambient temperature from -15°C to 45°C, to ensure the vehicle in the best working status and extend the life of the high-voltage battery pack. High or low temperature will affect the performance of the high-voltage battery pack and the vehicle. The working temperature range of the power battery is -30°C to 60°C, and the battery cannot work normally beyond the working temperature range. In the cold weather, it is recommended to store the vehicle in a warm house or park it nearby the charging pile for heating the battery by the connector before use, to avoid affecting traveling.

### Driving range

The driving range depends on the available battery level, vehicle age (current battery life), weather, temperature, road conditions, driving habits, etc. Please note:

- The driving range is related to the discharging depth. To avoid affecting the performance of the high voltage battery pack due to high discharging depth, it is recommended that you promptly charge the vehicle after the high voltage battery pack battery level low warning lamp on the instrument cluster in the vehicle gives an alarm.

- The actual driving range of the vehicle is reduced with the increase of the vehicle age.
- The use of A/C will reduce the driving range.
- At different vehicle speeds, the driving ranges are different.
- During the vehicle use at low temperature, the driving range may be reduced due to the temperature characteristics of the battery.
- At extreme temperature and low battery level, the powerless acceleration and power insufficient may occur due to the battery characteristics. The vehicle driving range may be increased by the following methods:
  - Regularly maintain the vehicle.
  - Keep appropriate tire pressure.
  - Minimize the use of the vehicle under high and cold temperature.
  - After using the vehicle in the winter, do not park the vehicle for a long time, and charge it as soon as possible.
  - Remove unnecessary objects to reduce the vehicle load.
  - If necessary, turn off the A/C and other high-power electrical appliances or adjust the heating or cooling temperature to reduce the energy consumed by the high-power electrical appliances and increase the driving range.
  - At high vehicle speed, close the vehicle windows to reduce the air resistance and electricity consumption.

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- Keep the vehicle speed steady.
- In acceleration, step on the accelerator pedal as gently as possible.
- In deceleration, release the accelerator pedal, do not step or gently step the brake pedal, then the energy recycling system will increase the driving range of your vehicle as much as possible.

The standard or dynamic driving range modes may be changed by using the switch on the central control screen, with different values of the driving range, and the latter varies according to your driving habits.

## Equalizing charge

Equalizing charging means that during the charging process, under the action of the battery management system, the voltage of each cell is basically the same, so as to ensure the overall performance of the high-voltage battery pack. Therefore, it is recommended to charge the vehicle at least once a month with a slow full charge of less than 25% of its battery capacity to improve battery performance and lifespan.

## Instructions for recycling of high voltage battery packs

The high voltage battery pack is installed at the position of motor-vehicle chassis. It contains many lithium battery cells. Arbitrary disposal may cause pollution and hazard to the environment. It is prohibited to disassemble and discard without approval. It will be disposed by professional institution. Be sure to dispose of according to the following information or requirements. Details about recycling and disposal of high voltage battery packs can be obtained through consulting Our Service Dealer.

- Requirements for personnel: be disassembled by the professional personnel with qualifications.
- High voltage safety: make the insulation safety protection before uncovering or disassembling because the battery pack contains the lithium battery pack, high voltage harness, and other high voltage components.
- Transportation: the high voltage pack is the class 9 dangerous goods and must be transported by the vehicle with the class 9 dangerous goods transportation qualifications.
- Storage: the removed high voltage pack shall be stored in a normal temperature and dry environment and kept away from inflammables, heat sources, and water.
- Internal composition: the high voltage pack is composed of lithium battery (pack), circuit board, wires, metal case, and other components.

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It is recommended that you deliver the waste high voltage battery pack produced due to vehicle scrap or other reasons to our designated recycling services for disposal. Details about maintenance, recycling and disposal of high voltage battery packs can be obtained through consulting Our Service Dealer.

***Note: The waste high voltage battery pack shall be delivered to other organizations or individuals. If environmental pollution or an safety accident results from the high voltage battery pack removed and disassembled without permission, the owner of the high voltage battery pack shall take the corresponding responsibilities.***

## High-voltage system



**High-voltage system on vehicle includes AC and DC high voltage power (can reach over 460V). High-voltage power is very dangerous and may cause serious injury such as burning, electric shock and even death.**

- It is prohibited to contact high-voltage cables and its connectors to avoid personal injury.
- Parts with orange labels are parts of high-voltage system. These parts are equipped with warning label of high-voltage system. Requirements on warning label of high-voltage system must be abided by.
- It is prohibited that non-professional repair personnel contact, disassemble or install any components of high-voltage system without approval.

## Instructions when accident occurs



- Keep the vehicle at P gear, turn off the vehicle power.
- If cables on the vehicle are exposed or damaged, it is prohibited to contact any cable to prevent electric shock.
- In case of fire, personnel shall immediately leave the vehicle and use ammonium carbonate salt fire extinguisher to put out the fire or use lots of water to put out the fire. It is strictly prohibited that any person contacts or enters the burning vehicle during the rescue period. After fire has been put out, continuous observation is required. Professional personnel will remove the vehicle to spacious area after confirming power battery does not have abnormal sound and smoke. Professional personnel will confirm battery state before vehicle transfer.
- If the vehicle is collided, the vehicle shall not be re-started. In addition, the negative battery cable will be disconnected when rescuing.
- When vehicle is completely or partially immersed into water, personnel will turn off the vehicle and timely escape. The negative battery cable will be disconnected before transporting vehicle that has been refloated. If there is not bubble or abnormal sound when refloating, refloating operation can

be conducted; if there is bubble or abnormal sound, operation can be conducted when there is not bubble or abnormal sound.

- After accident has been disposed, please contact Our Service Dealer.



## Before You Drive

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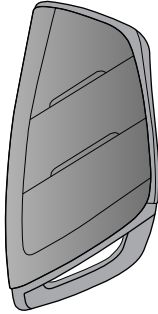
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-

## Before You Drive

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### Keys

The vehicle is equipped 2 remote keys.



**Note:** *If a key is lost, you must provide the key number on the plate attached with the key, and the Our Service Dealer will provide the replacement. To ensure safety, you are recommended to keep the 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

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.*

See "Central door locking system" in this section for more details about the remote key.

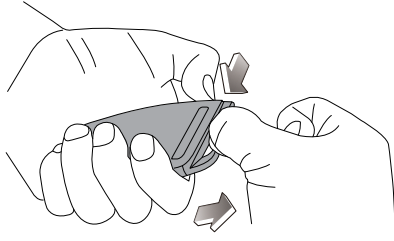
Caution
The immobilizer system can accept 4 coded keys at most.

## Before You Drive

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

Press the release button on the remote key, 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.



### Replace the battery in the remote key

**!** Batteries may present the risk of fire, explosion and burning. Never charge the battery. Properly dispose 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.

## Before You Drive

- 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 them, and 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

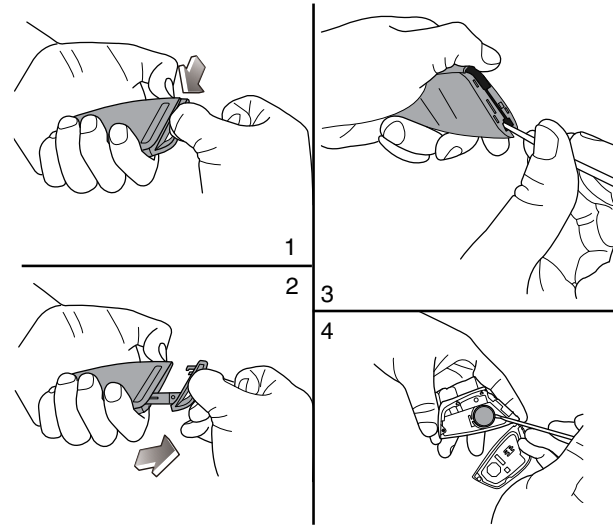
Pay attention to the positive and negative electrodes of battery.

- 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. 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.

## Doors and locks

### Safeguard the vehicle from theft

**!** If there is any occupant left in the vehicle when you leave the vehicle, even for a very short period of time, carry the key with you and power off the vehicle, especially when there are children left in the vehicle. Otherwise, they may start the vehicle or operate electrical appliances, which could pose a risk of accident.

Close all windows before leaving the vehicle. Before locking the vehicle, make sure that all doors and the front hood are fully closed.

### Lock/unlock

All doors can be locked/unlocked from the outside of the vehicle by using the remote key.

All doors can be locked/unlocked from the inside of the vehicle by using the central lock switch. All doors can be locked automatically depending on the vehicle speed. See "Central door locking system" in this section.

**Note:** When all doors are successfully locked with the remote key, all the direction indicator lamps will flash once, and the horn sounds once as the reminder. When remote unlocking is successful, the direction indicator lamps will flash twice as the reminder.

## Central door locking system

### Using the key blade

Use the key blade to lock/unlock the driver door lock cylinder, which allows you to lock/unlock all doors of the vehicle.

To lock, turn the key blade clockwise.

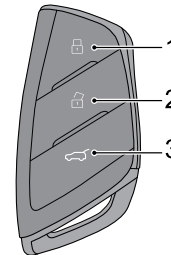
To unlock, turn the key blade counterclockwise.

**Note:** The door lock cylinder is located at the lower trim panel of the driver door, first pry open the trim panel notch to expose the lock cylinder of the key and operate on the cylinder hole.

### Using the remote key

Using the buttons on the remote key, you can lock/unlock all vehicle doors through the central lock system.

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



# Before You Drive

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- 1 Center control Lock button (short press)/Window Up (long press) button


**Note: The Window Up (long press) function is subject to your actual vehicle configuration.**


- 2 Center control Unlock button (short press)/Window Down (long press) button

**Note: The Window Down (long press) function is subject to your actual vehicle configuration.**


- 3 Tailgate unlock button

## **Locking all doors**

Short press the button  to lock all doors, but the prerequisite is that all doors are closed.


**Note: If all the direction indicator lamps flash once, it indicates that the doors are confirmed to be locked; if any door or the engine hood is not fully closed, there will be no audio alarm. Please close all doors and the engine hood, then press the button .**

## **Unlocking all doors**

Short press the button  to unlock all doors.

**Note: If no door is opened within 30 seconds, and the central lock or unlock button is not pressed, all doors will be automatically locked again.**


## **Tailgate unlocking**


Long press the button  to unlock the tailgate.

**Note: If no door is opened within 30 seconds, and the central lock or unlock button is not pressed, the tailgate will be automatically locked again.**

# Before You Drive

## Using the central control door lock switch

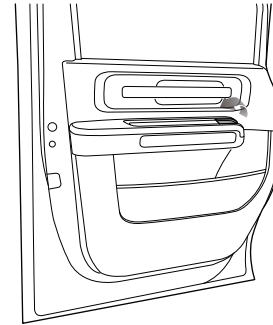
All door can be unlocked or locked from the inside using the switch. All doors can be locked by pressing the locking button .

All doors can be unlocked by pressing the unlocking button .

**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.



1

**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.

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

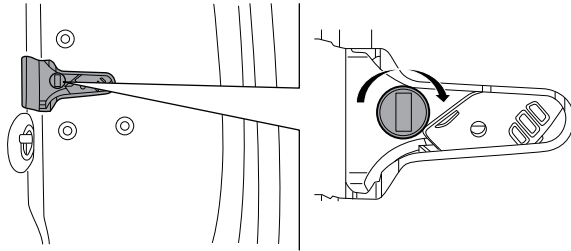
# Before You Drive

## Emergency locking

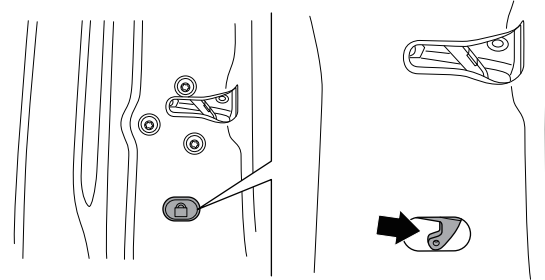
After the vehicle is unlocked, if the battery is disconnected or drained, the vehicle cannot be locked with the remote key, you can operate the door lock emergency locking device with the key blade/suitable tool to lock the vehicle.

**Note:** After emergency door locking, do not leave the key in the vehicle, otherwise you will not be able to enter the vehicle again smoothly.

## Emergency locking of front doors



## Emergency locking of side sliding door



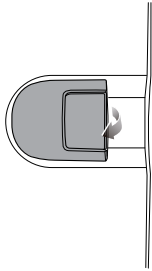


# Before You Drive

## Manual side sliding door

### Door opening/closing from the outside of the vehicle

To open the side sliding door from the outside of the vehicle, with the vehicle unlocked, pull up the outer door handle to slide the side sliding door backward.

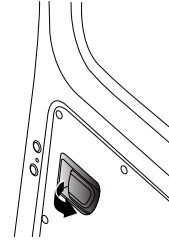


To close the side sliding door from the outside of the vehicle, use the outer door handle to pull the side sliding door forward until it is closed.

**Note:** *The side sliding door can be locked/unlocked from the outside of the vehicle by using the remote key, see "Central door locking system" in this section.*

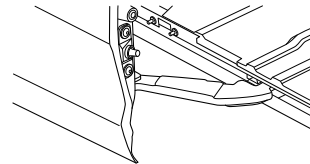
### Door opening/closing from the inside of the vehicle

To open the side sliding door from the inside of the vehicle, with the vehicle unlocked, pull up the inner door handle to pull the side sliding door backward to open. To close the side sliding door from the inside of the vehicle, push the side sliding door forward until it is closed.



### Securing the door

**Note:** *When the side sliding door is fully open and a "click" is heard from the rear end of the lower rail, it indicates that the side sliding door is secured.*



# Before You Drive

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## Double tailgate

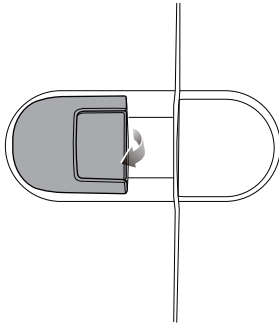
**Note:** *It applies to vehicles configured with the double tailgate.*

### Door unlocking/opening from the outside of the vehicle

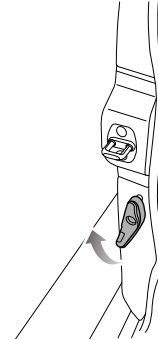
When all doors are locked/unlocked with the remote key or central door lock switch, the tailgate will also be locked/unlocked. After the tailgate is unlocked, pull the outer door handle of the tailgate to open the left tailgate first.

When manually unlocking or opening the tailgate from the outside of the vehicle, use the remote key for electronic unlocking.

Pull up the outer door handle to open the left tailgate first.



Then pull the handle on the side of the right tailgate backward to open the right tailgate.



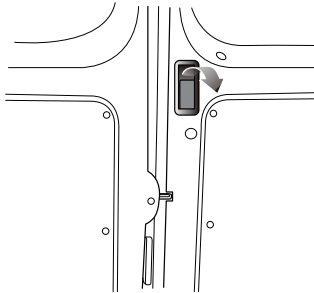
### Door closing/locking from the outside of the vehicle

To close and lock the tailgate from the outside of the vehicle, close the right tailgate first. Push the right tailgate to close, then close the left tailgate.

Use the remote key for electronic locking.

## Door unlocking/opening from the inside of the vehicle

When unlocking and opening the tailgate from the inside of the vehicle, pull the inner door handle on the inner side of the left tailgate backward, to unlock and open the left tailgate. Then pull the handle on the side of the right tailgate to unlock and open the right tailgate.



## Tailgate 180° or 270° opening/closing

**!** The tailgate shall not be opened to 180° or 270° on the road, as this may hinder the traffic or cause injury to pedestrians.

With the tailgate opening, if a strong wind comes, the tailgate may swing, which could result in injury to passing pedestrians, and damage to other road users or vehicles.

**!** In some cases, the use of the tailgate may affect the warning effect of the rear combination lamps. For the use of the tailgate when it is dark, it is recommended to use additional warning signs (such as a high-gloss reflective warning triangle or similar device) to give a warning to other vehicles or pedestrians.

To close the tailgate, close the right tailgate first, then close the left tailgate. Do not close the left and right tailgate simultaneously to avoid damage to the vehicle emblem.

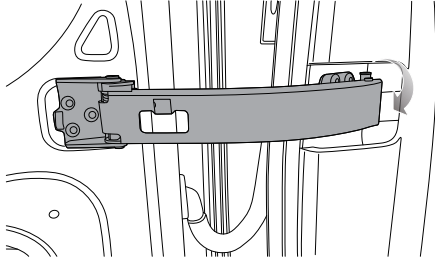
## Door check (type 1)

For models with 180° or 270° split tailgate (equipped with leaf type door check), if any tailgate is opened beyond 90°, the tailgate opening angle will no longer be controlled by the door limiter.

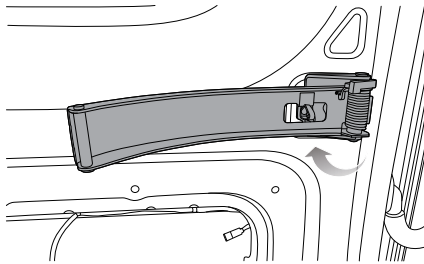
Open the tailgate to 90° and then pull the door back slightly toward the closed position to disengage the limiting arm from the hook at body side, then the tailgate is free to open to 180° or 270°, at which point the limiting arm can be secured to the bracket at tailgate side.

## Before You Drive

- Operating position of door check: the limiting arm is engaged in the D pillar hook at body side.



- Retraction position of door check: the limiting arm is disengaged from the D pillar hook at body side, and secured to the bracket at the tailgate side.



When the tailgate is closed from 180° or 270° position, the limiting arm is removed from the bracket at tailgate side and then automatically returns to the limiting mechanism at 90°.

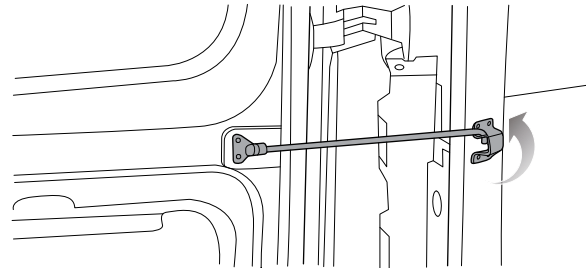
### Caution

To avoid damage to the door check caused by mis-operation, please make sure that the door check is in operating position while closing the door.

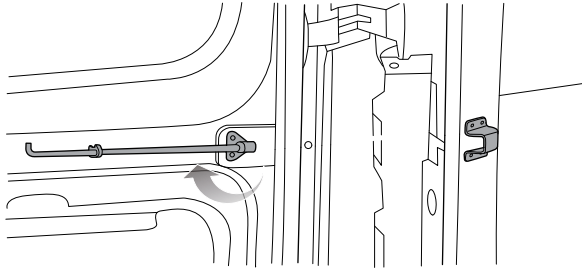
### Door check (type 2)

For models with 180° or 270° split tailgate (equipped with lever type door check), if the limit lever is not operated, the tailgate can be free to rotate to the maximum opening, and the tailgate opening angle will no longer be controlled by the door limiter.

Open the tailgate to 90°, then remove the lever from the tailgate buckle, rotate the lever, and insert the hook at the end of the lever into the bracket hole at the body side. In this case, the tailgate can be limited to 90° through the limit lever. And the tailgate can be released from 90° position by reverse operation.



# Before You Drive



## Instructions of sliding door and 270° tailgate

For models with short-axis double sliding door and 270° tailgate, there is a risk of collision between the left sliding door and the left tailgate at their maximum opening. To prevent damage to the tailgate, sliding door sheet metal, and windscreen from collision, attention should be paid to the following when operating the side sliding door and tailgate.

### Caution

- When the tailgate reaches its maximum opening, the side sliding door must remain closed to prevent collision with the tailgate!
- When the side sliding door moves to its maximum position, never allow the tailgate to reach its maximum opening to prevent collision with the side sliding door!

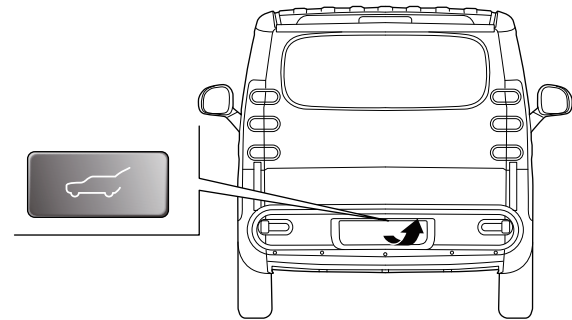
## Liftgate

**Note:** It applies to vehicles configured with the liftgate.

### Door unlocking/opening from the outside of the vehicle

When all doors are locked/unlocked with the key blade, remote key or central lock switch, the tailgate will also be locked/unlocked. After the liftgate is unlocked, press the liftgate switch and pull up to open the liftgate.

**Note:** The liftgate swings upward to open. When opening the liftgate, make sure that there are no objects or people near the rear of the vehicle.



### Door closing/locking from the outside of the vehicle

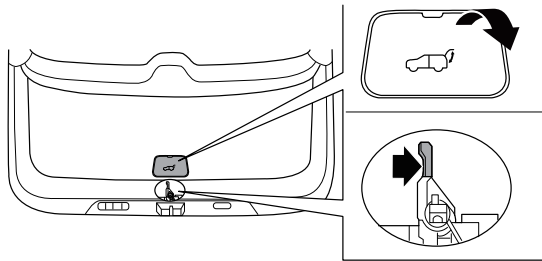
To close the liftgate, lower the liftgate and firmly press down. Ensure that the liftgate is securely locked.

## Before You Drive

**Note:** Ensure that the liftgate is closed before driving. Driving the vehicle without closing the liftgate may result in damage to the liftgate gas strut and other components.

### Emergency lock function

The liftgate has an emergency lock function, which allows the liftgate to be opened by opening the cover at the lower end of the liftgate interior trim panel and toggling the black lever to the right in the event of a vehicle power failure or other door failure.



### Child safety lock

**Note:** It applies to vehicles configured with the child safety lock.

**!** Use child safety locks when there are children riding in the rear seat.

The child safety locks on the side sliding doors are designed to prevent passengers, especially children, from accidentally pulling the inner door handle from the inside of the vehicle and opening the side sliding door.

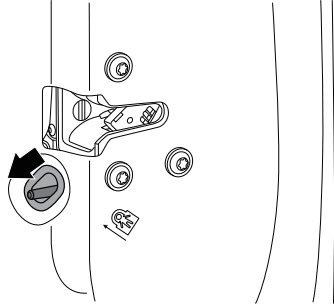
#### Caution

Do not forcefully pull the inner door handle when the child safety lock is in the locked position. Doing so can damage the inner door handle.

To activate the child safety locks:

- 1 Open the side sliding door you wish to lock.
- 2 Locate the child safety lock on the side sliding door.
- 3 Push the child safety lock lever to the lock position.

# Before You Drive



## Caution

Each side sliding door has its own lock. The child safety lock must be manually activated and deactivated separately for each side sliding door, both on the left and on the right.

To open the side sliding door with the child safety lock activated, the side sliding door can only be opened from the outside of the vehicle by operating the outer door handle. To deactivate the child safety lock, push the child safety lock lever to the unlock position.

## Windows

**!** It is dangerous to leave children, incapacitated adults or pets in a vehicle with the windows closed. They may not be able to physically support themselves due to the high temperatures, or they may suffer permanent injury or even death from heat stroke. Do not leave children, incapacitated adults or pets in a vehicle, especially in warm or hot weather with the windows closed.

1

## Power window

**!** Always take care when operating the power windows. There is a risk of injury, especially to children. Please pay a close attention to the windows when they are closed. Make sure nothing is pinched by the window while it is moving.

## Driver door window

There are 2 window switches on the driver door. With these 2 switches, the driver door window and the front passenger door window can be operated respectively. When operating, press the front end of the switch to open the window. Pull up the front end of the switch to close the window.

# Before You Drive

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- 1 Driver door window control switch
- 2 Front passenger door window control switch

## Front passenger door window

There is only 1 window switch on the front passenger door, which can only operate the front passenger door window. When operating, press the front end of the switch to open the window, pull up the front end of the switch to close the window.

**Note:** *The power windows can be operated only when the vehicle is powered on.*

**Note:** *Please correctly operate the windows to avoid danger. The driver shall instruct passengers how to use windows and tell them safety precautions.*

## Automatic up/down function of window

### **"One-touch" down (auto down)**

**Note:** *It applies to the models equipped with driver door window one-touch down function.*

The driver door window control switch has 4 levels: namely, automatic down, stroke down, stroke up and stop, which can conveniently control the window glass up/down process. The switch is normally in Stop position, briefly press the window switch down to the second level, and the window glass will automatically move down.

### **"One-touch" up/down (auto up and down) and "Anti-pinch"**

**Note:** *It applies to the models equipped with driver/front passenger door window "One-touch" up/down and "Anti-pinch" function.*

The driver/front passenger door window switch have 5 levels: namely, automatic down, stroke down, automatic up, stroke up and stop, which can conveniently control the window glass up/down process. The switch is normally in stop position, briefly press the window switch down to the second level, and the window glass will automatically move down. Briefly pull the window switch up to the second level, and the window glass will automatically move up.

"Anti-pinch" function is a kind of safety function, which can allow the window glass to stop moving up when obstacles are sensed.



# Before You Drive

If this situation occurs, the window glass will automatically moves down to take out obstacles.

## ***Resume the automatic up/down function***

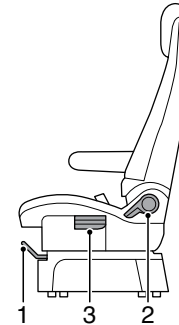
If the vehicle battery cable is re-connected after the disconnection, or the battery was drained once, or the anti-pinch function has been enabled for 3 consecutive times at the same position when the window glass moves up, the automatic up/down function may not work, it must be re-learned to restore 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.

## Seats

### Driver and front passenger seat adjustments

#### Driver seat adjustment

**!** Do not adjust the driver seat while the vehicle is in motion. If you do at that time, the vehicle may be out of control and cause an accident.



#### ***Forward/backward sliding adjustment***

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

# Before You Drive

## Backrest tilt adjustment

**!** The tilt angle of the driver seat should not be too large. The seat belt can provide maximum protection only when the backrest is approximately  $20^{\circ} \sim 25^{\circ}$  from the vertical direction.

Lean your body forward slightly, pull up the adjuster (2), the backrest will automatically rebound, and then lean your body back towards the backrest to adjust it to the desired angle. Release the adjuster (2) and confirm that the backrest is locked in place.

## Cushion height adjustment (if adjustable)

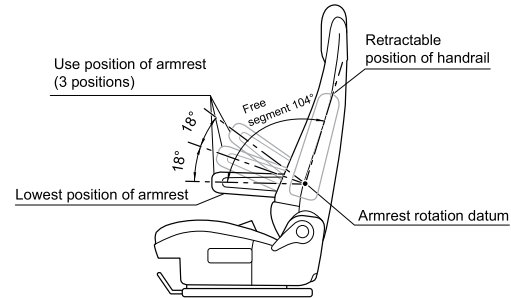
Lift the lever (3) to adjust the cushion height separately. Press the lever (3) to lower the cushion height. For large adjustments, it is required to lift or lower the lever (3) consecutively.

**Note:** When raising the seat cushion height, do not put all your body weight on the seat cushion; when lowering the seat cushion height, lower the seat cushion by pressing down on the seat cushion with your body weight.

## Armrest height adjustment (if adjustable)

### Type 1

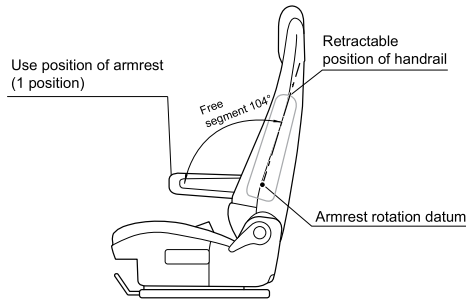
The armrest can be adjusted upward from the lowest position, with a total of three levels. Please adjust it to the desired position. When the armrest needs to be lowered from a high position, it is necessary to first adjust the armrest to the highest position, then lower the armrest to the lowest position, and then adjust the armrest upward to the desired position.



# Before You Drive

## Type 2

The armrest is divided into two positions: the use position and the retractable position. The armrest is in the use position when it is lowered to the lowest position, and in the retractable position when it is rotated up by 104 °.



## Front passenger single seat adjustment

### ***Backrest tilt adjustment***

The front passenger single seat has the same backrest tilt adjustment as the driver seat.

### ***Forward/backward sliding adjustment (if adjustable)***

The front passenger single seat has the same forward/backward sliding adjustment as the driver seat.

## Front passenger double seat adjustment

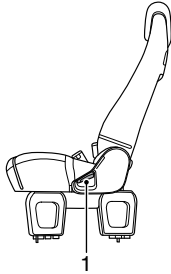
### ***Backrest tilt adjustment (if adjustable)***


The front passenger double seat has the same backrest tilt adjustment as the driver seat.

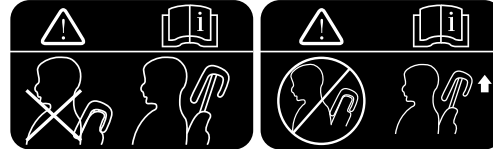
# Before You Drive

## Rear passenger seat adjustment

### Rear passenger double seat



 When the headrest is in the lowest position, it is not in use.



### ***Backrest tilt adjustment***

Pull up the adjuster (1), the backrest will automatically rebound, and then lean your body back towards the backrest to adjust it to the desired angle. Release the adjuster (1) and confirm that the backrest is locked in place.

### ***Armrest height adjustment (if adjustable)***

The armrest can be adjusted upward from the lowest position, with a total of three levels. Please adjust it to the desired position. When the armrest needs to be lowered from a high position, it is necessary to first adjust the armrest to the highest position, then lower the armrest to the lowest position, and then adjust the armrest upward to the desired position.

## Passenger restraint system

### Sitting correctly

The seat and its passenger 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 nearer to the steering wheel than it is necessary.
- 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 strap fits tightly across the hips, not the stomach.

## 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 passengers may collide anywhere inside the vehicle or be possibly thrown out, resulting in injury to themselves or to other passengers.


When riding in a vehicle, the driver and any adult (or any adult sized child) must always fix 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 passenger. It's dangerous to wrap a seat belt around a child in the passenger 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.

## Before You Drive

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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 onto 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 shows serious wear, or has been cut, or the visual load meter shows that the seat belt is no longer available, or the seat belt is a pretensioner seat belt and after the pretensioner is 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. See "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 tongue in place, and keep the webbing and tongue 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 seat of this series of models can be equipped with the unadjustable with pretensioner force limiting seat belt, while the front passenger seats can be equipped with the unadjustable with pretensioner force limiting seat belt or the outer unadjustable with pretensioner force limiting seat belt and the middle unadjustable without pretensioner force limiting seat belt. The 2rd row seats can be configured with three-point belts.

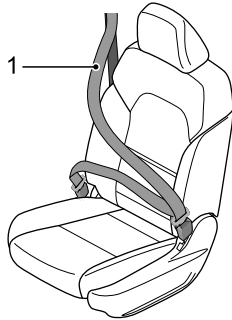
 **Insert the tongue into the buckle until a distinct click is heard, which indicates the belt is locked.**

Caution
If the seat belt is pulled out too fast or the vehicle is located on the hill, the seat belt may be locked.

# Before You Drive

## 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.



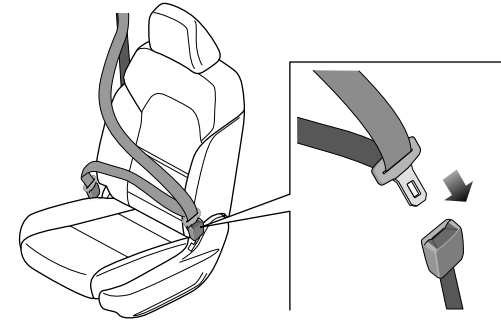
## Seat belt fastened

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 tongue into the buckle until a click is heard.

## Seat belt released

Press the red button on the buckle, then the tongue will pop out under the action of the elastic force. Push the tongue back

manually, so that the automatic seat belt retractor can contract the whole seat belt more easily.




## Seat belt warning light

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

## Before You Drive

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### 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 head-on collision.

### Airbags

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

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 passenger(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 passengers.

Do not allow a passenger to obstruct the deployment



## Before You Drive



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 passengers 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 collision.

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 on 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 air bag 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, driver side airbag and front passenger side 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.


# Before You Drive

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## Airbag and pretensioner inspection

 If the warning light does not come on after the ignition switch is turned on, or does not go off after about 6 seconds, or comes on during driving, it indicates that the seat belt pretensioner or airbag fails. Contact Our Service Dealer for service as soon as possible.

When the ignition switch is turned to "ON" position, if the "airbag

warning light (red)"  on the instrument cluster will illuminate for about 6 seconds, it indicates that the airbag and seat belt pretensioner are being checked; if the "airbag warning light (red)" goes off after about 6 seconds, it indicates that the airbag and seat belt pretensioner are normal.

## Airbag deployment

 Incorrect sitting posture, sitting on or leaning against the positions close to airbag may lead to severe or even fatal personal injury when the airbag is deployed.

To minimise the risk of accidental injury from inflating airbags, seat belts should be worn correctly at all times. The driver and front passenger must take correct sitting posture and adjust their seat to keep sufficient distance from front airbags, so as to avoid serious injury or death caused by deployed airbags. If side airbags are fitted, both the driver and front passenger should be seated to maintain sufficient distance from the upper part of the body to the sides of the vehicle, so as to avoid injury caused by deployed airbags.

When airbags are deployed, children without proper protection may suffer from serious injury or even death. Do not carry children in the arms or on the knees during traveling. Children should wear seat belts suitable to age. It is forbidden to lean out of windows.

An inflating airbag may cause facial abrasions, physical injuries or burns caused by explosion.

The inflation passage of the airbag must be free of any obstructions. It is forbidden to place any objects

# Before You Drive

**between passenger and airbag. It is forbidden to fix or place any objects on the steering wheel cover, or on/near the instrument panel front airbag cover. It is forbidden to affix any accessories or trims adjacent to the airbag system. If there is an obstacle between passenger and airbag, the airbag may not inflate properly, or the airbag will squeeze the obstacle into the passenger's body, causing serious injury or even death.**

**Do not knock or strike the position where airbags or related parts are located, so as to avoid accidental airbag deployment which may cause serious injury or even death.**

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

In the event of a collision, the airbag control module monitors the speed change induced by the collision, to determine whether the airbags are deployed. Airbag deployment is virtually instantaneous and occurs with considerable force, accompanied by a loud noise.

The completely deployed airbag, together with the seat belt properly worn, can limit the movement of the driver and the front passenger, thereby reducing the risk of injury to the head and chest, in the event of the vehicle receiving a severe frontal collision.

The completely deployed airbag, together with the seat belt properly worn, can limit the movement of the driver and the front passenger, thereby reducing the risk of injury to the head and chest, in the event of the vehicle receiving a severe frontal collision. If side airbags are fitted, when the vehicle encounters serious side collision, completely deployed side airbags will form an air cushion between the occupant and the vehicle side to reduce the risk of body side injuries.

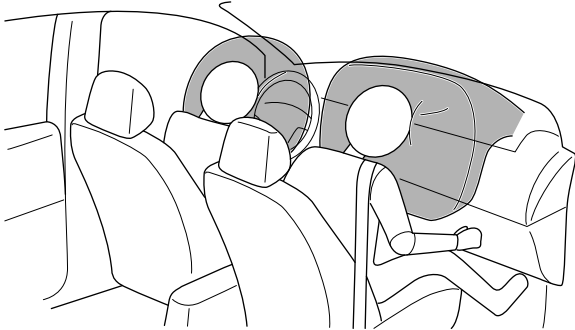
When you sit upright in the seat and against the backrest, seat belts and airbags can provide the most effective protection. When encountering serious collision, airbags will deploy drastically. At this moment, if you or other passengers do not use seat belts properly, and lean forward, recline or sit in other incorrect postures, you or other occupants are likely to suffer from serious injury or fatal injury.

Caution
<ul style="list-style-type: none"><li>• Airbags can not protect lower body parts of occupants.</li><li>• Airbags are not designed for rear collision, minor frontal collision, or vehicle overturning; they will not operate as a result of heavy braking.</li><li>• Deployment and retraction of the airbags takes place very quickly and will not protect against the effects of secondary collisions that may occur.</li><li>• After deployment, the airbags deflate immediately. This ensures that the driver's forward vision is not obscured.</li></ul>

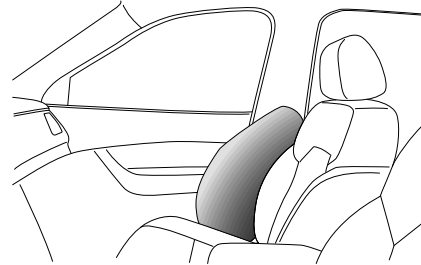
## Before You Drive

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



- Schematic diagram for deployment area of side airbags



# Before You Drive

## Front airbags

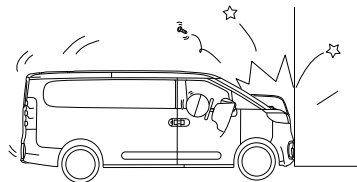
**!** NEVER fit the child restraint system in the front passenger seat. The deployment of the front airbag may cause serious injury or even death to children.

The driver and front passenger should not place feet, knees or any other part of the body in contact with, or in close proximity to a front airbag cover.

In extreme cases driving on very uneven surfaces may cause airbag deployment. Please take extra care when driving on uneven roads, so as to avoid injury due to accidental airbag deployment.

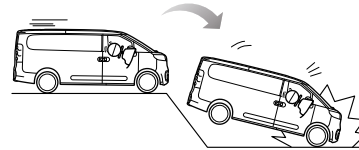
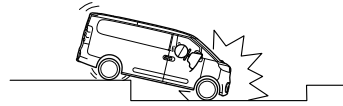
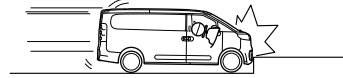
Front airbags are designed to deploy during serious frontal collisions or similar collisions. Conditions described below or similar ones may cause airbag deployment.

- A frontal collision with unmovable or non-deformable solid objects at a high speed.



- Vehicle chassis are seriously damaged. The chassis may be damaged seriously when the vehicle collides with kerbstones,

road edges, hard surfaces, or the vehicle falls into deep ravines or holes, or the vehicle hits the road seriously after jumping.



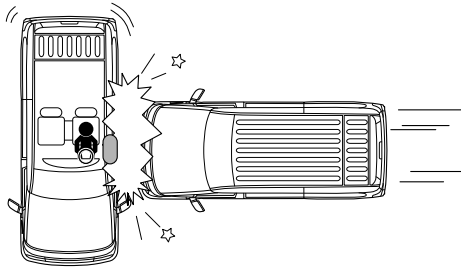
# Before You Drive

## Front side airbags

**!** The structure and material of the seat is important to ensure correct operation of airbags. Therefore, please do not fit seat covers which may affect side airbag deployment.

In the event of a serious side collision, the front side airbag on the affected side will eject out from the seat cover and deploy quickly. The front side airbag on the other side will not deploy. Conditions described below or similar ones may cause side airbag deployment.

- One side of the vehicle collides with a high-speed ordinary passenger vehicle.



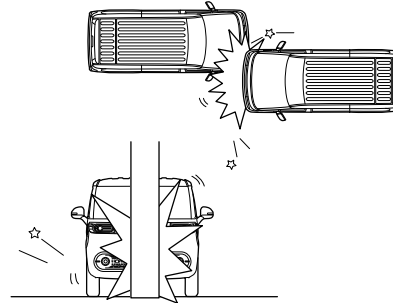
## Conditions in which airbags will not deploy

The deployment of airbags does not depend on the vehicle speed, but on the object that the vehicle hits, direction of collision and the rate at which the vehicle speed changes as a result of a collision. When the impact force of collision is absorbed or dispersed to the vehicle body, airbags may not deploy; however, airbags may sometimes deploy according to the impact condition. Therefore, the deployment of airbags shall not be judged based on the severity of vehicle damage.

## Front airbags

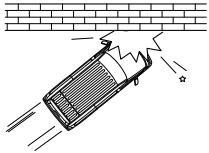
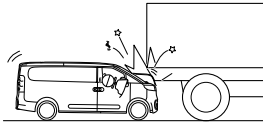
Under conditions described below or similar ones, the front airbags may not be deployed.

- When the collision point deviates from the vehicle center.
- When the frontal collision is with solid utility poles, traffic sign posts, trees or other small area objects.

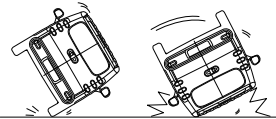
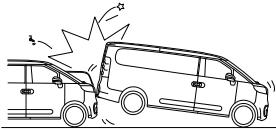


# Before You Drive

- Collision with the bottom part of the truck's tailgate; cut-in collision with trucks or vehicles with a higher chassis.
- Overlap frontal collision with guard bars.



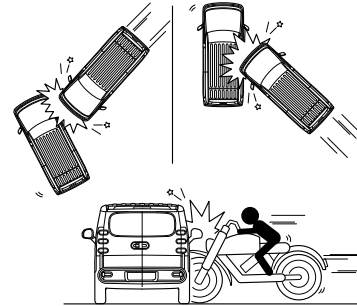
- Side or rear collision.
- The vehicle rolls over.



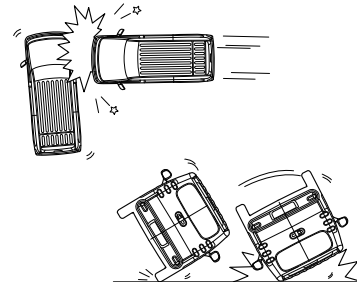
## Front side airbags

Under conditions described below or similar ones, the front side airbags may not be deployed.

- Side collision at certain angles.
- Side collision with a motorcycle.



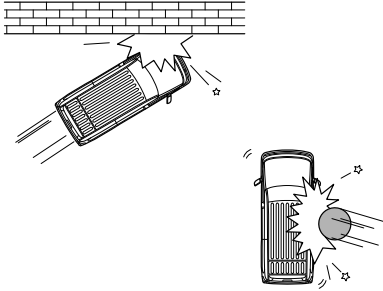
- Side collision to the front compartment of the vehicle.
- Side collision to the rear of the vehicle.
- The vehicle rolls over.



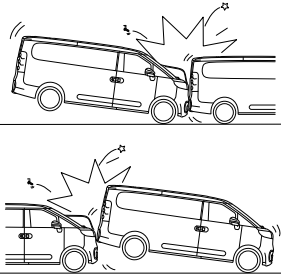
## Before You Drive

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- Overlap frontal collision with guard bars.
- Side collision with posts.



- Frontal collision with parking or moving vehicles.
- Rear collision.



### Replace airbag system components after a collision accident

**!** The airbag system will be damaged due to a collision accident. Thus the airbag system cannot operate normally to protect you and passengers 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 the event data recorder (EDR).*

The main function of the event data recorder (EDR) is to record the data of vehicle movement and safety system status within a shorter time during collision or approach to collision. The EDR can be used to reproduce the vehicle state before, during and after the collision, such as speed, accelerator pedal opening and brake pedal depth. The EDR data extraction tool reads data based on an 11-bit CAN identifier, and reads EDR data by using 2216 "Read Data by Data Identifier" service in 11.2 of ISO 14229-1:2020, by physical addressing. Data can be read from the airbag controller through the special scan tool of the manufacturer. You can purchase the EDR data reader by logging in the link address of the company website.

## Child restraints (not supplied with the vehicle)

**!** **DEATH or SERIOUS INJURY** may occur! Children 12 and under 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.

**NEVER** use a rearward facing child restraint on a seat protected by an **ACTIVE AIRBAG** in front of it, **DEATH or SERIOUS INJURY** to the **CHILD** can occur!



**Warning:** Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seatbelts, harnesses, or for attaching other items or equipment to the vehicle.

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

## Before You Drive

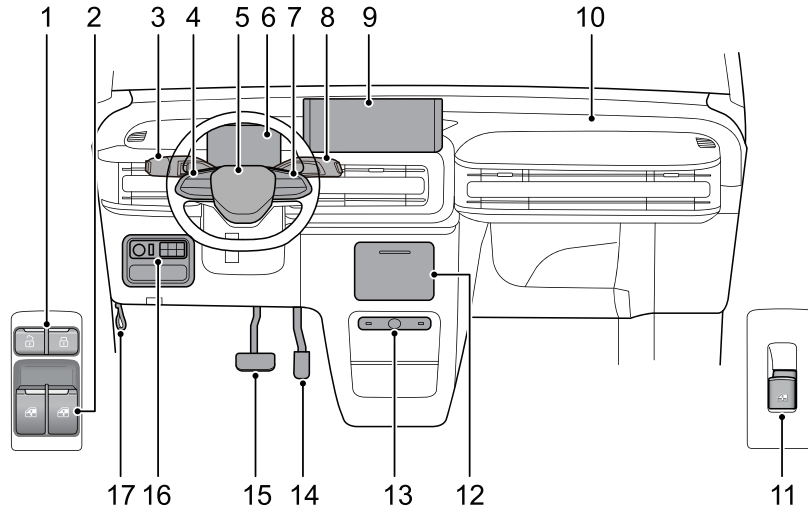
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Usually, infants under 2 years old shall use a infant restraint and children under 2 ~ 4 years old shall use the child restraint. Infant or child restraints are available in the market.

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

Caution
In the case the infant or child restraint shall be positioned on the front seat while the vehicle is in motion, the infant or child restraint must face forward. Ensure properly secure the infant or child restraint. Note that an unsecured infant or child restraint may move and run into other occupants when any crash or heavy braking occurs. Even if there is no infant or child, any infant or child restraint shall be properly secured in the vehicle.

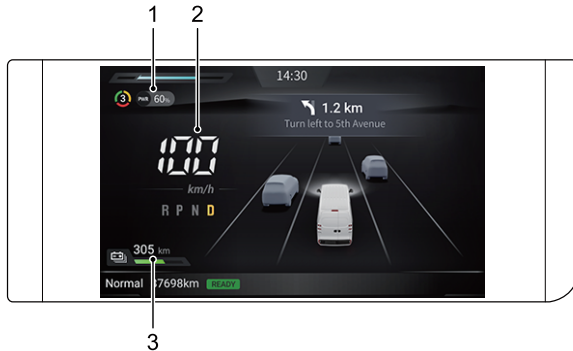
## Instruments and controls



- 1 Central control door lock switch
- 2 Driver and front occupant door window control switch
- 3 Wiper and washer, high beam, turn signal lever switch
- 4 Instrument cluster selection, cruise and entertainment system HOME switch
- 5 Driver airbag
- 6 Instrument cluster
- 7 Voice control, bluetooth phone, REG(energy recovery), driving mode and steering wheel heating switch
- 8 Shift lever
- 9 Entertainment system
- 10 Front occupant airbag
- 11 Front occupant door window control switch
- 12 Cup holder
- 13 12V power socket, USB port □
- 14 Accelerator pedal
- 15 Brake pedal
- 16 Exterior rearview mirrors switch, headlamp leveling switch, combination lamp control switch, front defrost switch, rear defrost switch, vehicle power-off switch
- 17 Front compartment lid unlocking tab

# Before You Drive

## Instrument cluster



- 1 Power meter
- 2 Speedometer
- 3 High-voltage battery pack quantity meter

### Caution

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

## Power meter

The power meter displays the power percentage of power system. Power display range is -25 ~ 100%, when the maximum or minimum value is exceeded, the maximum or minimum value shall be indicated.

### Caution

The power meter indicates the power percentage, not the calculated actual power.

## High-voltage battery pack quantity meter

The quantity meter indicates the status of high-voltage battery pack quantity through the illuminated battery icon ratio. When the battery is too low, the red bar illuminates, and "High-voltage battery pack low battery warning lamp (yellow)" also illuminates.

**Note: Low battery of high-voltage battery pack will result in failure of some functions on the vehicle.**

### Caution

Charge the high-voltage battery pack as soon as possible when the battery is low.

Please ensure the high-voltage battery pack stores enough power before driving.

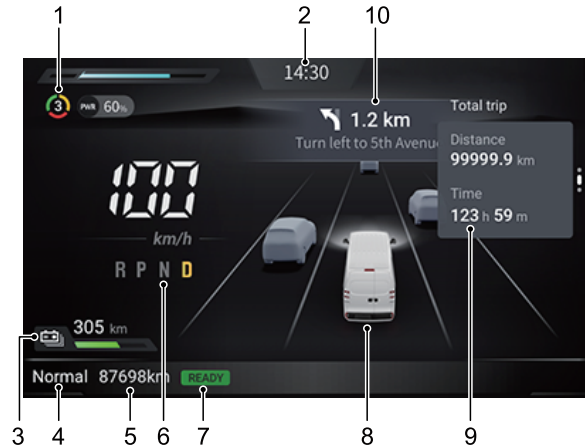
After the vehicle is filled with electricity, the battery management system will have automatic calibration function. After the vehicle has been shallowly charged (less than 99%) every two to three times, the vehicle will be completely charged for once (filled with electricity).

# Before You Drive

## Speedometer

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

## Message center



### 1 Energy recovery level

It displays the energy recovery level of current vehicle, which is divided into three levels of high, medium and low and displayed by numbers of 3, 2 and 1 on the instrument cluster respectively. The high energy recovery is larger than the medium energy recovery, and the medium energy recovery is larger than the low energy recovery. The energy recovery level can be switched through the REG (energy recovery) switch on the steering wheel.

### 2 Current time

### 3 Driving mileage

# Before You Drive

It displays the range that can be driven before electric quantity of the high-voltage battery is used out.

## 4 Driving mode

It displays the driving mode of current vehicle: Normal, ECO and SPORT. The driving mode can be switched through the driving mode switch. The driving mode can be switched through the driving mode switch on the central control screen or the driving mode switch  $S_{N\_E}$  on the steering wheel, please operate according to the actual vehicle configuration you purchased.

## 5 Total distance (ODO)

## 6 Gear display

## 7 Power system state

When the vehicle is powered on, if the "READY indicator lamp (green)" of the vehicle illuminates to indicate that the power system is ready, the vehicle can be driven.

## 8 ADAS (Advanced Driver Assistance System) function display (when the vehicle is not configured with ADAS, only its own vehicle model is displayed)

It displays the information related to the driver assistance system configured on the current vehicle.



## 9 Trip data card interface



## 10 Navigation road guidance (for models equipped with navigation)



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

## Right function display information

### Trip data card interface

Short press the  on the instrument cluster selection switch  >

 on the steering wheel to call out the trip data card interface, and short press the  to hide the trip data card interface; on the trip data card interface, short press the

 > instrument cluster selection switch  on the steering

wheel upward and downward to switch among the following interface contents:

- Energy data

It displays the instantaneous power consumption when the battery is working.


- Current trip

It displays the trip and driving time since the vehicle is powered on and started.

- Total trip

It displays the trip and driving time since the last reset.

On this interface, long press the instrument cluster selection

switch  >

 to reset the trip and driving time.


## Alarm messages

### Alarm messages

Alarm messages that pose a significant driving safety hazard are displayed in the center of the instrument cluster and are accompanied by an audible alert. Please operate in strict accordance with the instructions in the alarm message. If there are relevant instructions, please stop the vehicle for inspection or consult Our Service Dealer.

### Malfunction/notification messages

Malfunction and notification messages are displayed at the bottom of the instrument cluster. If there are multiple malfunctions, the display will cycle through the messages in order of priority, with each message displayed for 3 seconds.

Short press the instrument cluster selection switch  on the steering wheel to temporarily block it, if the malfunction is not eliminated, it can be viewed in the alarm query screen of the entertainment system display. After the malfunction conditions are removed, the corresponding malfunction messages are also canceled to display.

### Indicative messages

Indicative messages are displayed on the top of the instrument cluster, to prompt the driver to operate a function correctly, or to indicate the reason for failing to perform a function correctly.

Indicative messages are usually displayed for a few seconds and then disappear on their own.

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.

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## Maintenance interface reminder


When the vehicle maintenance node is approaching, it will prompt the user to perform maintenance in time.

## Tire pressure monitoring system

**Note:** *It is applicable to models with 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, too high, or the tire leaks quickly or the system fails in the course of driving, the "TMPS

warning lamp (yellow)"  on the instrument cluster will illuminate, accompanied by a sound prompt, and the instrument display will show the corresponding alarm interface.

# Before You Drive

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## 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.**

### Headlamp high beam indicator



The "headlamp main beam indicator (blue)" illuminates when the headlamps are on main beam or flash on.

### IHC (Intelligent High beam Control) indicator

**Note: It applies to vehicles configured with IHC.**



With the vehicle powered on, 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 (grey)" illuminates. See "IHC (Intelligent High beam Control)" in the Starting and Driving section for more information.

### Rear fog lamp indicator



The "rear fog lamp indicator (yellow)" illuminates when the rear fog lamps are on.

### Position lamp indicator



The "position lamp indicator (green)" illuminates when the position lamps are on.

### IMMO warning light



With the vehicle powered on, if the immobilizer authentication is successful, the "IMMO warning light (yellow)" will go out and the vehicle can be started.

If the "IMMO warning light (yellow)" flashes, it indicates that the immobilizer control system is faulty, and the vehicle cannot be started. Please contact Our Service Dealer for service immediately.

### TPMS warning light



With the vehicle powered on, when the TPMS breaks down, the "TPMS warning light (yellow)" will illuminate. Please contact Our Service Dealer for service.



# Before You Drive

## Battery charging indicator



With the vehicle powered on, the "battery charging indicator (red)" illuminates, and goes out after the vehicle is started.

### Caution

If the warning light stays on after the vehicle is started or illuminates during driving, it indicates that the charging system has a malfunction, please contact Our Service Dealer for service as soon as possible.

## READY indicator



This light is used to indicate that the vehicle is ready for running. After the vehicle is started, the "READY indicator (green)" will illuminate and will not go out in the running process.

## Charging connection indicator



After charging handle is connected to charging interface, the "charging connection indicator (red)" will illuminate.

## Charging status indicator



When the high-voltage battery pack is being charged, the "Charging status indicator (yellow)" will illuminate. When the high-voltage battery pack has been charged, this indicator will go out.

**Note: If the "charging status indicator (yellow)" flashes, it means that battery is faulty and it cannot be charged. Contact Our Service Dealer for service as soon as possible.**

## Power system fault warning light



With the vehicle powered on, if the power system breaks down, the "power system fault warning light (yellow/red)" will illuminate. Please contact Our Service Dealer for service.

## Warning light of high-voltage battery pack for low electric quantity



With the vehicle powered on, if the "warning light of high-voltage battery pack for low electric quantity (yellow)" illuminates, it means that electric quantity of high voltage battery pack is too low and it need be charged as soon as possible. You shall supplement electric quantity before lighting this light.

**Note: If the warning light illuminates, it means that speed limit function of the vehicle has been started. Vehicle**

## Before You Drive

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*speed will be reduced with decrease of electric quantity of the battery until it is stopped.*

### Insulation fault warning light



With the vehicle powered on, if the "insulation fault warning light (red)" illuminates, it means that the vehicle has insulation fault.

### Power-limit Indicator



In normal driving state, the "power-limit indicator (yellow)" keeps off. When the "Limited Power Indicator (yellow)" illuminates, the power of the vehicle will be limited and the acceleration performance will be significantly weakened. Contact Our Service Dealer for a check as soon as possible.

### Airbag warning light



With the vehicle powered on, if the "airbag warning light (red)" illuminates or flashes, it means 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 and rear passenger seat belt unfastened warning functions, which shall be subject to the actual configuration of the vehicle you purchased.*



With the vehicle powered on, if the occupant seat belts are not properly fastened, the "seat belt warning light (red)" illuminates. When the speed is greater than 22 km/h and the occupant seat belts are not properly fastened, the instrument cluster activates a seat-belt-unfastened audible warning. and the "seat belt warning light (red)" flashes for about 90 seconds. When the seat belts are 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 less than 10 km/h, and the occupant seat belts are not properly fastened, the instrument cluster does not activate any audible warning, while the "seat belt warning light (red)" illuminates. When the seat belts are 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 and rear passenger seat belt unfastened warning function can only be triggered when there is passenger on the seat.*

## Brake system warning light



With the vehicle powered on, 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.

## ABS (Anti-lock Braking System) warning light



With the vehicle powered on, 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.

## EBD (Electronic Brake Distribution) warning light



With the vehicle powered on, 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



With the vehicle powered on, the "ESC indicator (yellow)" flashes when the ESC 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.

## ESC (Electronic Stability Control) OFF indicator



With the vehicle powered on, if the ESC OFF switch is pressed to disable the ESC function, the "ESC OFF indicator (yellow)" will illuminate.

See "Brake System" in the Starting and Driving section for more information.

## EPB (Electronic Parking Brake) indicator



With the vehicle powered on and the EPB enabled, when the parking brake is applied, the "EPB indicator (red)" will illuminate and immediately go out after the parking brake is fully released.

## EPB (Electronic Parking Brake) malfunction indicator



With the vehicle powered on, if the "EPB malfunction indicator (yellow)" illuminates, the parking brake system is faulty. Please immediately stop the vehicle safely, and contact Our Service Dealer for service as soon as possible.

## Before You Drive

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See "Brake System" in the Starting and Driving section for more information.

### AUTO HOLD indicator

AUTO  
HOLD

With the vehicle powered on and the AUTO HOLD enabled, the "AUTO HOLD indicator (grey)" 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 turned on and the driver unfastens the seat belt, the "AUTO HOLD indicator (grey)" will go out, but the function ON state is still memorized by the AUTO HOLD system. In this case, please fasten the seat belt again to enable the AUTO HOLD function.

With the vehicle powered on and the AUTO HOLD enabled, when the AUTO HOLD function is faulty, the "AUTO HOLD indicator (yellow)" will illuminate.

See "Brake System" in the Starting and Driving section for more information.

### EPS (Electric Power Steering) system malfunction warning light



With the vehicle powered on, if the "EPS system malfunction warning light (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 malfunction warning light (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.

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

**Note: It applies to vehicles configured with FCW and AEB.**



With the vehicle powered on, if the FCW/AEB function is not enabled or is faulty, the "FCW/AEB warning light (yellow)" illuminates; if the FCW/AEB function is enabled, the warning light will not illuminate. If the FCW system gives an alarm, the "FCW/AEB warning light (yellow)" flashes; if the AEB function is triggered, the "FCW/AEB warning light (red)" flashes.

See "FCW (Forward Collision Warning) and AEB (Automatic Emergency Braking)" in the Starting and Driving section for more description.

## Before You Drive

### LDW (Lane Departure Warning)/LKA (Lane Keep Assist) /ELK (Emergency Lane Keeping) warning light

*Note: It applies to the vehicles with LDW, LKA and ELK.*



With the vehicle powered on, when LDW, LKA and ELK are operating, the "LDW warning light/LKA warning light /ELK warning light (grey)" illuminates.

When LDW, LKA and ELK give an alarm or are triggered, the "LDW warning light/LKA warning light /ELK warning light (yellow)" flashes.

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

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


See "LDW (Lane Departure Warning)/LKA (Lane Keep Assist) /ELK (Emergency Lane Keeping)" in the Starting and Driving section for more description of their functions.

### ACC (Adaptive Cruise Control) indicators

*Note: It applies to vehicles configured with ACC.*



With the vehicle powered on, if the ACC system is in standby mode, the "ACC indicator (grey)"

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



illuminates.

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

### SLIF (Speed Limit Information Function) indicators

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



With the vehicle powered on, when a traffic sign is detected, the "SLIF indicator" illuminates. See "SLIF (Speed Limit Information Function)" in the Starting and Driving section for more information.

# Before You Drive

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## Normal indicator

**Normal**

With the vehicle powered on, the "Normal indicator" will illuminate, and the vehicle is driven in normal mode.

## ECO indicator

**ECO**

With the vehicle powered on, when the vehicle switches to economy mode, the "ECO indicator" will illuminate, and the vehicle is driven in economic mode, and the output power of the vehicle's drive motor is relatively weak, the maximum speed that the vehicle can reach at this time is 100km/h.

## SPORT indicator

**SPORT**

With the vehicle powered on, when the vehicle switches to sport mode, the "SPORT indicator" will illuminate, and the vehicle is driven in sport mode, and the output power of the vehicle's drive motor is relatively strong.

## Speed limit indicator

**Note: It applies to vehicles configured with speed limit indicator.**



With the vehicle powered on, 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 configured with trailer indicator.**



With the vehicle powered on, if the trailer is connected successfully, when the turn signal lamp is turned on, "trailer indicator (green)" on the instrument cluster flashes. When the trailer connection fails, "trailer indicator (green)" on the instrument cluster goes off.

## Before You Drive

### Hazard warning lamp switch

Press the hazard warning lamp 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 lamps.



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

### SOS E-call system switch

In case of emergency, press the SOS E-call system switch, to send signals to the monitoring platform, which can carry out subsequent rescue work.

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#### Caution

This switch is for emergency use only, please do not operate it without permission.

# Before You Drive

## Instrument panel switch

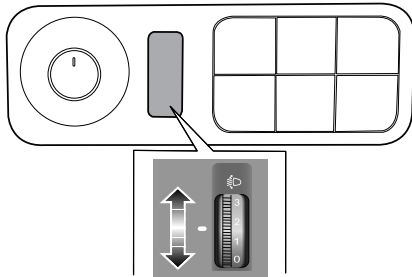
### Headlamp leveling switch

**Note:** It applies to vehicles configured with the headlamp leveling function.

The headlamp leveling switch is located on the instrument panel at driver side.

This function can adjust the headlamp height to fit the road conditions. The headlamp leveling calibration can reduce dazzle to other drivers.

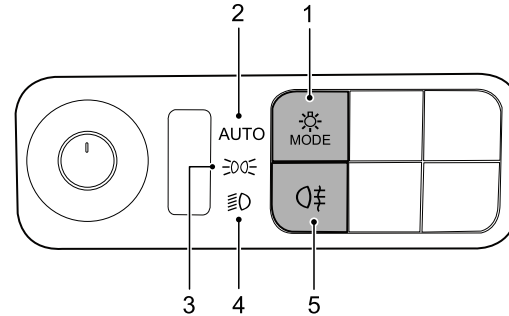
To adjust the headlamp height, the headlamps must be turned on.







Move the headlamp leveling switch up or down to adjust the headlamp height. Position 0 is the initial position, as the vehicle load increases, please adjust the lighting height in the sequence of position 1-2-3.

## Combination lamp control switch

### Lamp control switch



Switch the lamp control switch to the position shown in the figure and the corresponding lamp will come on. After the vehicle is powered on, the daytime running lamps automatically come on.


Position 1 - MODE: Light control switch. Press the switch  MODE , the light state switches among AUTO (Automatic headlamp adjustment) →  (Position lamp) →  (Low beam) → Headlamp Off.

Position 2 - AUTO: Automatic headlamp adjustment. When the headlamps are in AUTO position, the headlamps will be turned on or off according to the brightness of the surrounding




# Before You Drive

environment. When the vehicle is started and other lights are not on, the daytime running lamps automatically come on.

Position 3 - : Position lamp switch. When the light switch is in Position Lamp position, the following lamps will be turned on at the same time:

- Position lamp
- License plate lamp
- Instrument panel lamp





Position 4 - : Low beam headlamp switch.

**Note:** *If the headlamps are left on while parked, the battery will be discharged, and when the vehicle is started again, the vehicle may not start due to low battery. When the vehicle is powered off, if the headlamp switch is still in on state, an audible alarm will sound.*

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

**Note:** *Before the vehicle is powered off, if the headlamp control switch is in a position other than AUTO, after the vehicle is powered on again, the headlamp control switch is still in Headlamp Off position.*

**Note:** *See "High beam, turn signal lever switch" in this section for more operating methods of the direction indicator lamps and headlamps.*

Position 5 - : Rear fog lamp switch. When the ignition switch is in "On" position, and the headlamp control switch is in High beam or  (Low beam) position, press the switch  to open the rear fog lamp. When the headlamp control switch is in AUTO position, and the switch  is in On state, the rear fog lamp will be turned on or off with the headlamps depending on the surrounding environment. When the rear fog lamps are turned on, the "Rear fog lamp indicator (yellow)" on the instrument cluster will illuminate.

**Note:** *The rear fog lamp shall be used only when the visibility is significantly restricted (e.g. in foggy or snowy weather).*

## Low beam Follow Me Home settings

**Note:** *It applies to vehicles configured with the low beam Follow Me Home function.*

Turning on the low beam Follow Me Home function can allow the low beam off with a delay after the vehicle is powered off, so as to illuminate the way to your home. The low beam Follow Me Home setting switch is located on the central control screen, enter the Follow Me Home interface in the light setting, you can set the low beam to be turned off with a delay of 30s, 60s or 90s after the vehicle is powered off, or you may choose to turn off the low beam directly after the vehicle is powered off.

## Before You Drive

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### Daytime running lamp

The daytime running lamps make it easier for others to see the front of the vehicle in daytime.

If your vehicle is equipped with the daytime running lamps, when the vehicle is powered on, the daytime running lamps will illuminate. When the vehicle is powered off, the daytime running lamps will go out. It complies with the regulatory requirements of ECE R87 for daytime running lamps.

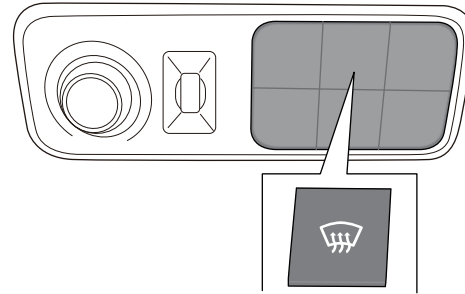
### Lampshade fogging

In humid or cold weather conditions, or after the vehicle has been exposed to rain or a car wash, very small droplets of water, fine mist or white fog (cold condensation) may appear on the inner surface of the lampshade:

- The cause of this condition is that the water vapor in the high temperature air inside the lamp condenses when it is cold, which is a normal phenomenon.
- When the vehicle is parked in dry conditions, or when the exterior lights are turned on and the vehicle is in motion, the water vapor will gradually evaporate and may remain only at the corners of the lamps.
- This phenomenon will not affect the service life of your vehicle's lighting fixtures, so there is no need to replace the lamp assembly.

### Front defrost switch

When the vehicle is in On state, press the front defrost switch, the A/C will be turned on and switched to the external circulation mode, and the air volume will be at the maximum, and the A/C air distribution mode will be Windscreen.



# Before You Drive

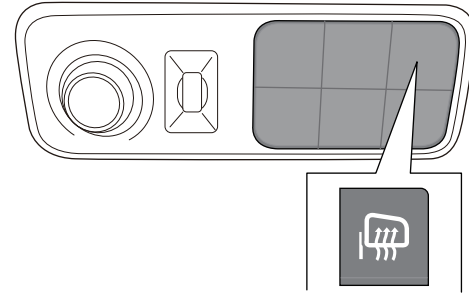
## Rear defrost switch

**Note:** It applies to vehicles configured with the rear defrost function.

When the vehicle is in On state, press the rear defrost switch to heat and defrost the rearview mirror glass. For models equipped with heated tailgate window, the tailgate window will be automatically heated and defrosted when the rear defrost switch is turned on.

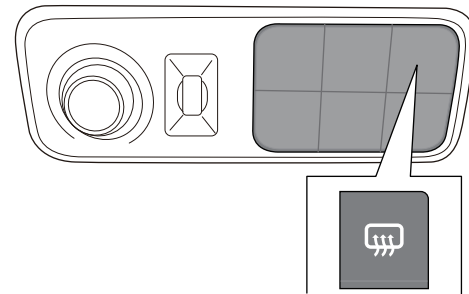
**Note:** The rear defrost will be automatically turned off after operating for 15 minutes.

Rearview mirror glass defrost switch



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Rearview mirror glass and tailgate window defrost switch

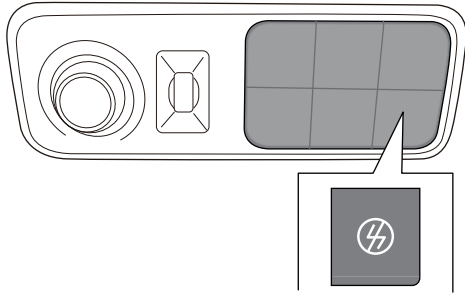


## Before You Drive

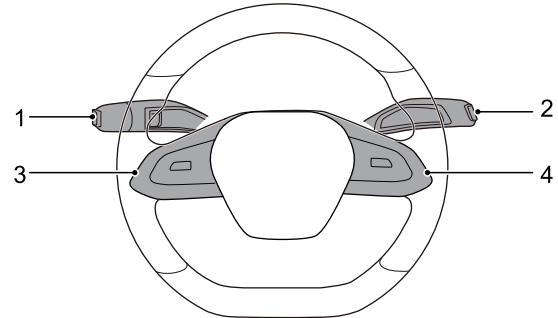
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### Vehicle power-off switch

When the vehicle is stationary, shift to P gear, press the vehicle power-off switch to turn off the vehicle power.



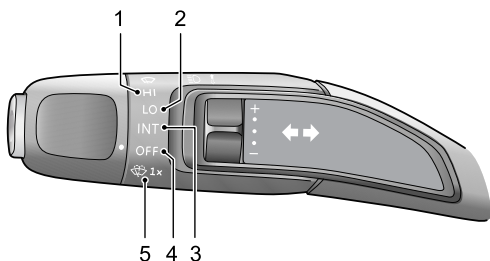
### Switches on steering column and steering wheel



- 1 Wiper and washer, high beam, turn signal lever switch
- 2 Shift lever
- 3 Instrument cluster selection, cruise and entertainment system HOME switch
- 4 Voice control, bluetooth phone, REG (energy recovery), driving mode and steering wheel heating switch

## Wiper and washer lever switches

### Front 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–INT: intermittent wipe.

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

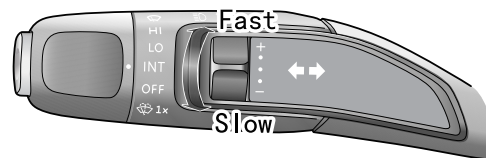
Position 4–OFF: wiper off.

Position 5–1x: Washers. Turn the lever switch to the position. The washer will operate immediately. After a short interval, the 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 INT (intermittent wipe) position, move the switch up and down to vary the interval between wipes.

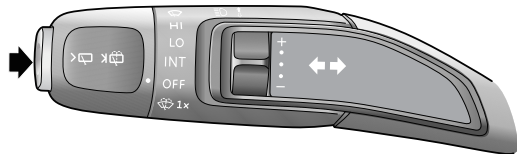
# Before You Drive

## 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

**Note:** *It applies to vehicles configured with the rear window wiper and washer.*

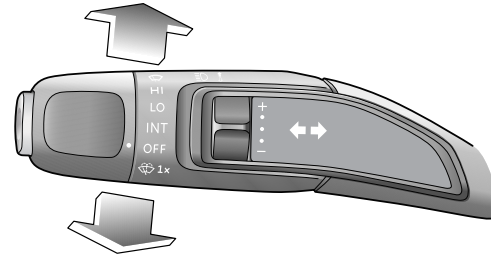


Short press the leftmost top of the wiper and washer lever switch, and the rear window wiper will operate.

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

## High beam, turn signal lever switch

### Turn signals and direction indicators



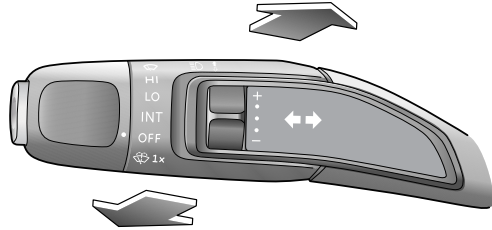
Right turn — push the lever switch upward.

Left turn — pull the lever switch downward.

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

# Before You Drive

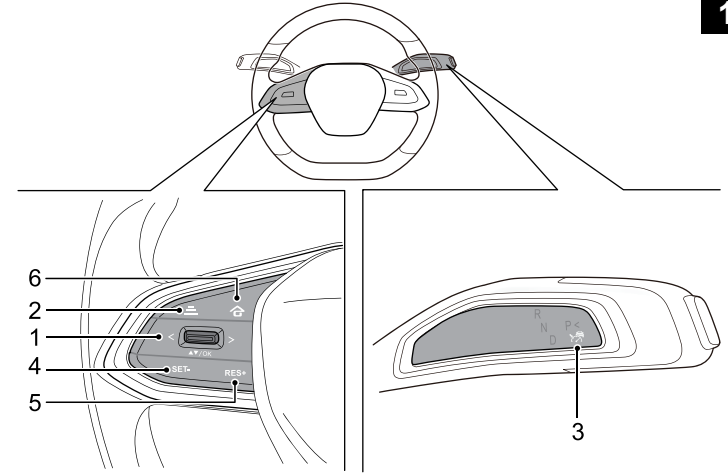
## Headlight high and low beams



Push the lever switch away from the steering wheel, turn on the high beam, and at this time, the switch will automatically return to its original position; push the lever switch again away from the steering wheel, turn off the high beam, and at this time, the switch will automatically return 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.

## Instrument cluster selection, cruise and entertainment system HOME switch




1



Position 1—**<▲▼/OK>** : Instrument cluster selection switch. 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.

Position 2—**≡**: Settings of following distance. Adjust the following distance controlled by cruise function, and press it once to switch the following distance from Level 1 to Level 3 cyclically.


## Before You Drive

Position 3—: Adaptive cruise control switch. If the conditions are met, move the shift lever down to the bottom and release it to activate the ACC (Adaptive Cruise Control) function. To manually deactivate the cruise control, pull up the shift lever or shift the gear, and depress the brake pedal. See "ACC (Adaptive Cruise Control)" in the Starting and Driving section for more descriptions.

When the cruise control is activated:

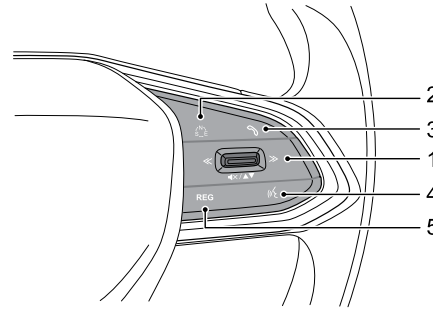
Position 4—SET-: To decrease the cruise speed.

Position 5—RES+: To increase the cruise speed.

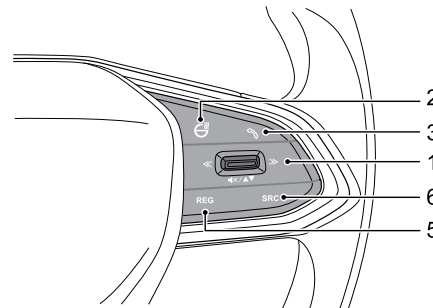
Position 6—: Entertainment system HOME Button. Short press the HOME button to return to the HOME page from other interfaces; if the current page is the HOME page, this action is invalid. Long press the HOME button (1) for about 10 seconds to restart the entertainment system.

## Voice control, bluetooth phone, REG (energy recovery), driving mode and steering wheel heating switch

Type 1








Type 2







## Before You Drive


Position 1—: Volume control switch. Press upward to increase the volume and downward to decrease; long press to mute; short press , to switch to the previous band/MP3 track; long press to perform fast backward; short press  to switch to the next band; long press to perform fast forward.

Position 2 (Type 1)—: Driving mode switch. The driving mode switch is divided into three modes: Normal, ECO, and SPORT. The default mode is Normal mode. Press the switch  in sequence, and the driving mode switching sequence is SPORT → ECO → Normal. Repeat this cycle, and the instrument cluster will display SPORT → ECO → Normal. In ECO (economic mode), the output power of the vehicle's drive motor is relatively weak, and the maximum speed that the vehicle can reach at this time is 100km/h. In SPORT mode, the vehicle's drive motor outputs relatively strong power.

Position 2 (Type 2)—: 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 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 central control screen.

Position 4—: Voice wake-up button. Short press this button to wake up the system voice assistant, long press this button to wake up the phone's connected voice. Please switch based on the specific vehicle model configuration and functions.

Position 5—REG: REG (energy recovery) switch. The energy recovery switch is divided into three levels: high, medium, and low, with the default mode being medium. Press the REG switch in sequence, and the energy recovery switching sequence is: low level → middle level → high level. Repeat this cycle, and at the same time, the instrument cluster will display: 1 → 2 → 3 digital display. High energy recovery is greater than medium energy recovery, and medium energy recovery is greater than low energy recovery.

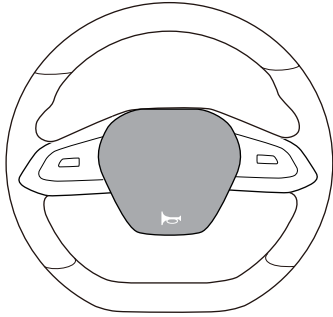
Position 6—SRC: Sound source switching switch. Press SRC switch the radio/MP3 player interface.

# Before You Drive

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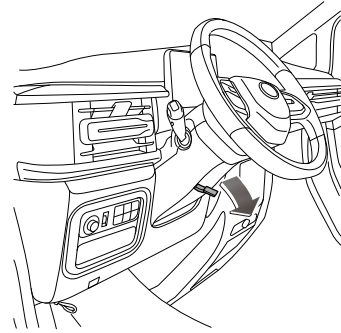
## Horn

Regardless of whether the vehicle is powered on or not, press the button, and the horn can work.



## 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 downwards.
- 2 2-way adjustable steering wheel : Grasp the steering wheel with both hands and adjust it to the appropriate position by flipping it in the height direction. 4-way adjustable steering wheel : Grasp the steering wheel firmly with both hands, and move the steering wheel upward/downward and forward/backward to adjust it to a proper position. Please

refer to the actual vehicle configuration you purchased for the adjustment of the steering wheel on your vehicle.

***Note: If it is still difficult to move the steering wheel to the appropriate position, power on the vehicle to release the steering wheel lock, and then turn the steering wheel to the straight ahead driving 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.

### Heating, ventilation and air conditioning (HVAC)

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

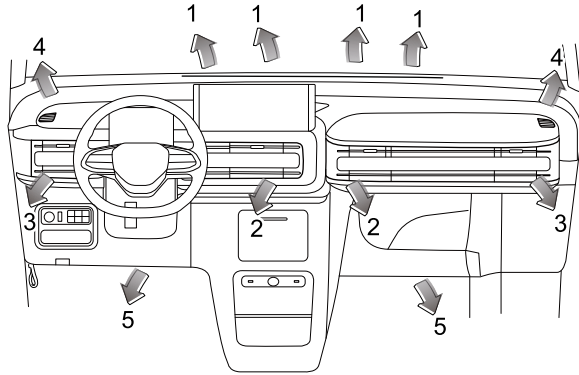
The heating system utilizes the high voltage electronic heater, so the interior air heating function can be realized only when the vehicle is supplied with a high voltage.

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

The air volume selection button is used to control the air volume.

# Before You Drive

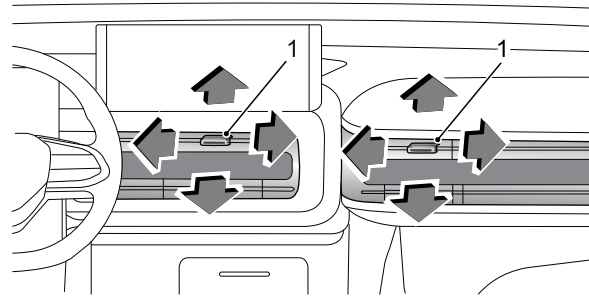
## Front vents



- 1 Windscreen vents
- 2 Centre vents
- 3 Side vents
- 4 Front side window vents
- 5 Front footwell vents

## Centre vents

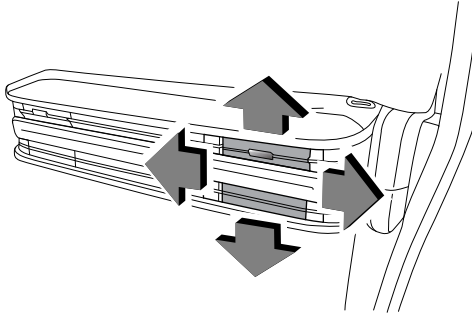
Move the lever (1) in the center of the grille up and down, left and right to change the direction of the air blowing.



# Before You Drive

## Side vents

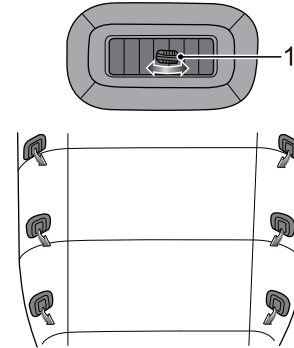
Move the lever in the center of the grille up and down, left and right to change the direction of the air blowing.



## Rear vents

**Note:** *It applies to vehicles configured with the rear vents.*

Rotate the grille or move the lever (1) in the center of the grille to change the direction of the air blowing.

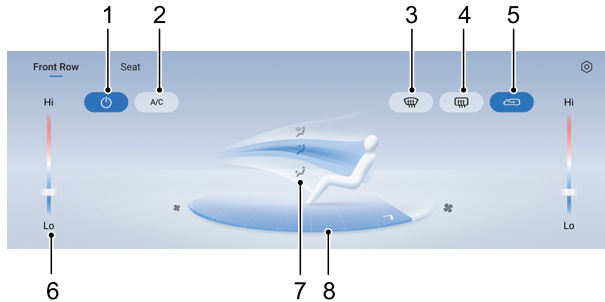


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# Before You Drive

## Central control screen A/C operation and display interface

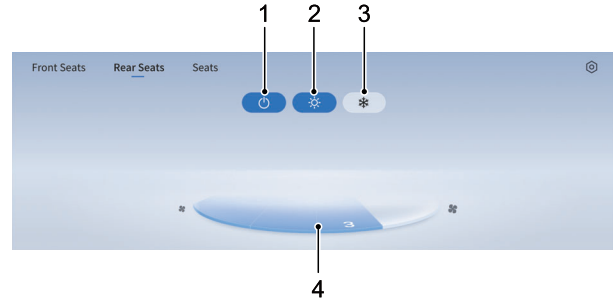
### Front A/C interface



- 1 Power button
- 2 A/C button
- 3 Front defrost button
- 4 Rear defrost button
- 5 Internal/external circulation button
- 6 Temperature control button
- 7 Distribution mode button
- 8 Air volume control button

### Rear A/C interface

**Note:** It applies to vehicles configured with the rear A/C interface.



- 1 Power button
- 2 A/C heating button
- 3 A/C cooling button
- 4 Air volume control button

### Power button

Air conditioning on/off button.

If the indicator illuminates, it indicates that the air conditioning 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 conditioning is off, and the air blower, compressor and other air conditioning functions are disabled.

## **A/C button**

Switch on and off the compressor.

Operate the A/C button, the corresponding indicator lamp comes on, the air conditioner will turn on the compressor to cool the air inside the vehicle and have certain dehumidification function.

The compressor works only when the vehicle is supplied with a high voltage.

## **Temperature control button**

The front A/C temperature control buttons adjust the front left and right A/C to the desired temperature.

In any season, the A/C state will be adjusted as soon as possible after the A/C is turned on so that the interior temperature reaches the set temperature and remains stable.

The temperature selection range is divided into 13 levels, with the A/C at its maximum cooling power when the temperature is set to LO, and the A/C at its maximum heating power when the temperature is set to HI.

If you switch briefly and continuously between different set temperatures, the automatic A/C does not have enough time to adjust to the set temperature.

## **Distribution mode button**

Adjust the air blowing mode.

The front A/C air blowing distribution mode is divided into five modes: Face, Footwell, Defrost, Face and Footwell, Footwell

and Defrost. When the corresponding indicator lamp illuminates, it means that there is air distribution in that direction, and you can freely combine the air distribution modes according to your needs. It is recommended to use cool air distribution to Face in summer, warm air distribution to Footwell in winter, and air distribution to Defrost in case of windscreen fogging, which is more conducive to improving the comfort inside the vehicle.

For rear A/C, enter Face mode by adjusting the cool air volume controls, and enter Footwell mode by adjusting the warm air volume controls.

## **Air volume control button**

Adjust the air volume.

The air volume adjustment is divided into 8 levels, the air volume level can be adjusted according to the comfort demand.

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

## **Internal/external circulation button**

The internal/external circulation is switched according to the button.

Operate the button to switch the air intake mode of the A/C, the external circulation means that the A/C intakes air from the outside, and the internal circulation means that the air is circulated inside the vehicle.

## Before You Drive

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Internal circulation is recommended when there is a need for cooling, and external circulation is recommended when there is a need for heating.

### Front defrost button

Switch on the front defrost state.

When operating the front defrost button, the corresponding indicator lamp illuminates, and the A/C will be turned on at the same time, and the air distribution mode will be adjusted to defrost, which has a rapid defrost and defog effect on the windscreen and side window 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.

Operate the rear defrost button, the corresponding indicator lamp illuminates, and the rear defrost function is enabled, which has a rapid defrost and defog effect on the rearview mirror glass.

For vehicles equipped with heated tailgate window, the heated tailgate window function will be enabled when the rear defrost button is pressed, to help remove fog or frost from the surface of the tailgate window.

***Note: The rear defrost will be automatically disabled after operating for 15 minutes, and the corresponding indicator will go out.***

### A/C heating button

Rear A/C heating function on/off button.

When the air volume is not at 0, press the A/C heating button, the corresponding indicator illuminates, and the A/C will enter the air heating mode.

### A/C cooling button

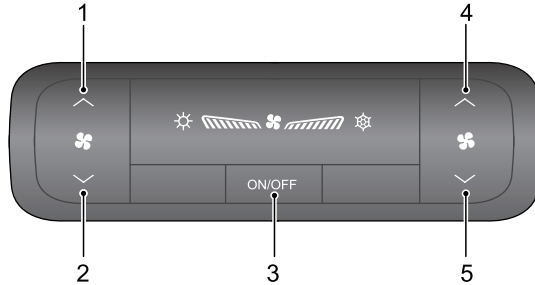
Rear A/C cooling function on/off button.

When the air volume is not at 0, press the A/C cooling button, the corresponding indicator illuminates, and the A/C will enter the air cooling mode.



## Rear A/C control panel

**Note:** It applies to vehicles configured with the rear A/C control panel.



- 1 Warm air volume increase button
- 2 Warm air volume reduction button
- 3 Power button
- 4 Cool air volume increase button
- 5 Cool air volume reduction button

### Warm air volume increase/reduction button

Adjust the warm air volume, and enter the heating mode after the operation.

The warm air volume is divided into 8 levels, and its level can be adjusted according to the comfort demand. Press increase button to increase the air volume; Press reduction button to decrease the air volume.

### Cool air volume increase/reduction button

Adjust the cool air volume, and enter the cooling mode after the operation.

The cold air volume is divided into 8 levels, and its level can be adjusted according to the comfort demand. Press increase button to increase the air volume; Press reduction button to decrease the air volume.

### Power button

A/C on/off button.

Press the power button, if the indicator illuminates, it indicates that the A/C is on, and the A/C functions are enabled as the status before shutdown; Press the power button again, if the indicator goes out, it indicates that the A/C is off, and the fan and other A/C functions are disabled.

# Before You Drive

## 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, operate the defrost button, which can decrease the humidity inside the vehicle timely and effectively. 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 vehicle 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 may 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.

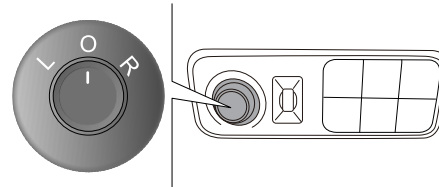
### Caution

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

## Exterior rearview mirrors

### Power exterior rearview mirrors

Turn the switch to L (left) or R (right) to select the rearview mirror to be adjusted. Move the rearview mirror switch towards front/rear/left/right to adjust the rearview mirror lens to tilt towards up/down/left/right to the position required. Turn the switch to the center.

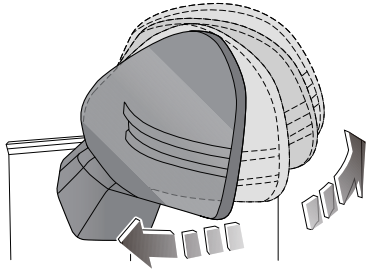


## Manually adjusting the exterior rearview mirrors

Use hands to move the mirror directly to the desired angle as required.

## Foldable 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 with a strong force. They can be returned by applying a small amount of force on the rearview mirror frame.



## Heated rearview mirrors

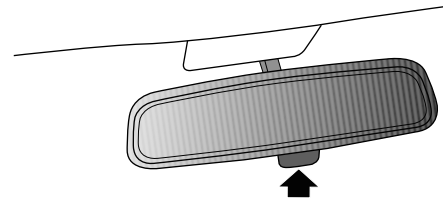
For vehicles with heated exterior rearview mirrors, the exterior rearview mirrors are integrated with heating element, to remove the frost or fog on the mirror. Only after the power system is started, when the rear defrost button is enabled, the heating function of exterior rearview mirrors can function at the same time.

## Interior rearview mirrors

Adjust the interior rearview mirrors, to obtain possible optimum viewing angle. The anti-dazzle function of interior rearview mirrors can reduce the dazzling effect of vehicle headlights behind at night.

## Manual anti-dazzle interior rearview mirrors

Move the adjusting handle at the bottom of interior rearview mirrors, to change the viewing angle of rearview mirrors, achieving the anti-dazzle function. Push the adjusting handle back to return the interior rearview mirrors to normal positions.



**Note:** In some situations, using manual anti-dazzle function of interior rearview mirrors will enable the driver to have incorrect judgment of the position of vehicle behind.

# Before You Drive



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## Interior equipment

### Roof vanity light

#### Front roof vanity light



Press the switch  to turn on the front roof vanity light; press the switch  to turn off the front roof vanity light

When the switch  is level, the door control mode for the front roof vanity light is turned on. In this mode, the front roof vanity light automatically illuminates if any door is opened and goes off 30s after the door is closed.

**Note:** To avoid battery lack of power, the front roof vanity light will go out automatically after any door is opened approx. 5 minutes.

#### Rear roof vanity light

##### Type 1





The rear roof vanity light automatically illuminates when the tail gate or any of the side sliding door is opened and goes off after the door is closed.


**Note:** To avoid battery lack of power, the rear roof vanity light will go out automatically after the tail gate or any of the side sliding door is opened approx. 5 minutes.

# Before You Drive

## Type 2



Press the switch  to turn on the rear roof vanity light; press the switch  to turn off the rear roof vanity light

When the switch  is level, the door control mode for the rear roof vanity light is turned on. In this mode, the rear roof vanity light automatically illuminates if any door is opened and goes off 30s after the door is closed.

**Note:** To avoid battery lack of power, the rear roof vanity light will go out automatically after any door is opened approx. 5 minutes.

## USB port

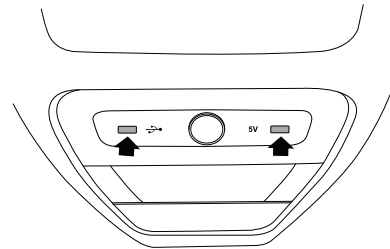
The USB port is located below the center of the dashboard.

### Caution

Please do not use the USB port for a long time when the vehicle is powered on but not started, as it may cause the battery to run out of power.

## USB port below the center of the dashboard

The USB port on the left side below the middle of the dashboard can charge and play multimedia files; The USB port on the right side below the center of the dashboard can be charged.



## Before You Drive

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### 12V power socket

**Note:** *It applies to vehicles configured with the 12V power socket.*

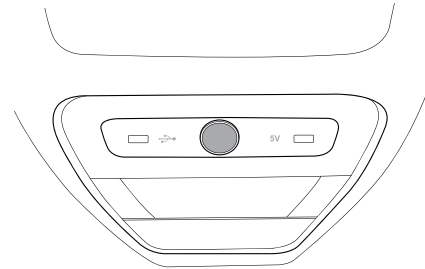
The 12V power socket is located below the middle of the dashboard and mainly provides power connection for external electrical equipment. Please refer to the actual vehicle configuration you purchased for the location of the 12V power socket on your vehicle.

#### Caution

Please do not use the 12V power socket for a long time when the vehicle is powered on but not started, as it may cause the battery to run out of power.

**Note:** *The 12V power socket can supply power to electrical equipment with a power of no more than 120W.*

### 12V power socket below the center of the dashboard



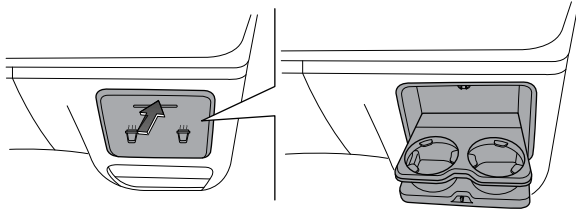
# Before You Drive

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## Cup holder

### Cup holder under the center of the dashboard

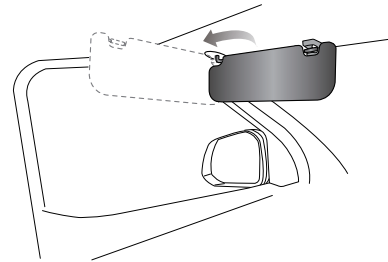
Press the cup holder trim area to open the cup holder.



## Sun visor

**Note:** *It applies to vehicles configured with the sun visor.*

The sun visor can be swung up and down to provide a shield through the windshield. In addition the sun visor can be pivoted as illustrated to shield through the side window.



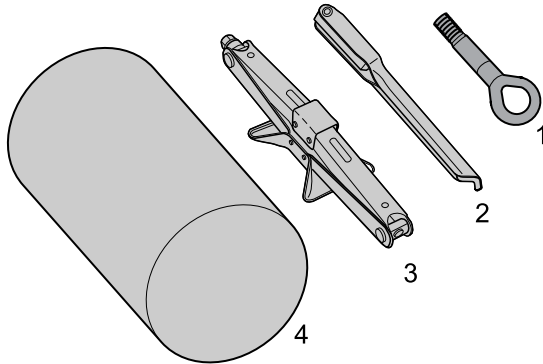
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# Before You Drive

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## Vehicle tool

The vehicle tool is located under the front passenger seat.



- 1 Front towing hitch
- 2 Wheel nut wrench
- 3 Jack
- 4 vehicle tool package

## Entertainment system

The contents of this Handbook are simple 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.**

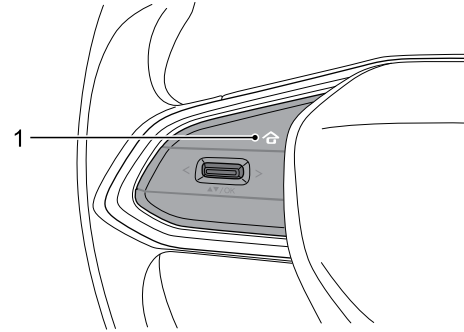
**The rear view camera function of the system just serves as a driving assist. Please pay attention to the actual situation.**



## Before You Drive

### 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.



### 1 HOME button

Short press the HOME button (1) to return to the HOME page from other interfaces; if the current page is the HOME page, this action is invalid.

Long press the HOME button (1) for about 10 seconds to restart the entertainment system.

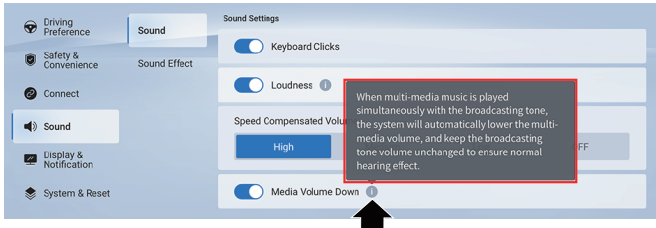
# Before You Drive

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.*

The use guide and help of the entertainment system are presented on the relevant pages of each function. The specific presentation is as follows:

Click icon **i** to expand the corresponding instructions for the function. The specific style is as follows:



## **Starting and Driving**

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  - 119 Driver assistance system
  - 135 Driver state monitoring
  - 137 Tires
  - 139 Loading
  - 140 Trailer towing
-

# Starting and Driving

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## 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 passengers have correctly fastened seat belts.
- With the vehicle is powered on, check that all warning lights and gauges are operating normally (Please see "Warning lights and indicators" in the Before You Drive 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.

## Start/stop vehicle

### Power on vehicle

Unlock the vehicle with key. When the driver door is opened, the vehicle can be powered on automatically.

### Start vehicle

The vehicle not started can be started when meeting the following conditions.

- Enter the vehicle with a valid key.
- Step on the brake pedal, and switch the gear to D gear or R gear to start the vehicle ("READY indicator" on the instrument cluster illuminates).

### Power off vehicle

The vehicle is stationary, the gear is switched to P, you leave the vehicle, close the driver's door, lock the vehicle, and the vehicle power is turned off.

### Caution

- In this scenario, if you enable the "No Power-off for Temporary Parking" mode on the central control screen, then the vehicle will be kept powered on.
- In this scenario, you can also turn off the vehicle power supply through the "Vehicle Power Off" mode in the "Settings" page on the central control screen.

# Starting and Driving

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## Emergency power off

When the vehicle is kept stationary, if it needs to be powered off in emergency in case of sudden conditions, please long press the hazard warning light switch for 5s, or press it for 5 consecutive times in 3s to turn off the vehicle power supply.

When the vehicle is running, if it needs to power off the vehicle in emergency in case of sudden conditions, please step on the brake pedal while pressing the hazard warning light switch for 5 consecutive times in 3s to turn off the vehicle power supply.

## Keyless system

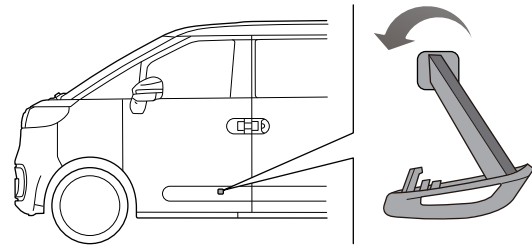
### Keyless start

When the key is in the vehicle, the front compartment hood closed, the shift lever in P or N gear, step on the brake pedal to start the vehicle.

### Backup starting


When the remote control battery is low, the keyless entry function will fail, but you still can start the vehicle. 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.

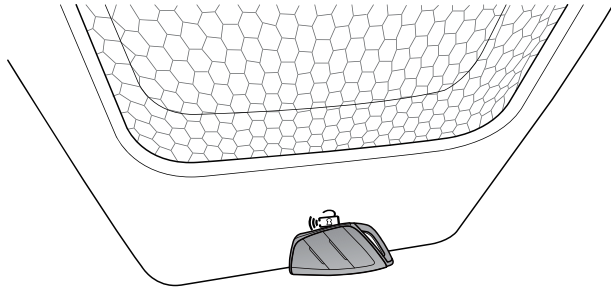
2




# Starting and Driving

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With the shift level in P or N gear, place the remote key on the interior panel with a symbol  below the center of the fascia console, and step on the brake pedal to start the vehicle. In this case, the system will release IMMO.



## Driving

 **When driving, never place portable container with fuel on the vehicle. They 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-skid 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.

### Skid

If your vehicle skids 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 skid. Skid is very dangerous.

The optimum method to stop skid 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 30cm.

# Starting and Driving

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- Do not drive faster than 5km/h.
- The wave caused by front vehicle and head-on vehicle may exceed the maximum allowed wading depth.

 **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 motor, high-voltage battery pack, drive system and electronic system of the vehicle may be severely damaged after the vehicle drives on a road with gathered water.***

## Gear shift

### Gear

#### P (Park)


P gear is used for daily parking. In this gear, activate the Electronic Parking System (EPB).

#### R (Reverse)

R gear is used for reversing, and the vehicle must come to a complete stop before shifting to or out of R gear.

When switching to R, it's required to press the brake pedal.

#### N (Neutral)

 **During temporary parking in N position, please depress the brake pedal, otherwise there will be a risk of vehicle slipping or accident.**

N gear is a non-power gear, and the transmission system does not transmit power in this gear.

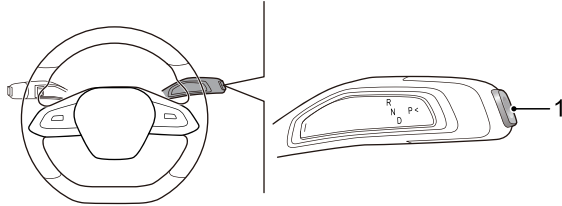
#### D (Drive)

D gear is a normal forward gear, and you are suggested to use D gear during normal driving.

# Starting and Driving

## Shift 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 power off the vehicle.



1 P gear button

## Shift to P gear



When the vehicle is stationary, the driver depresses the brake pedal and simultaneously presses the P gear button (1) on the gear lever to shift the vehicle into P gear (electronic parking system activated).



# Starting and Driving

## Shift to R, N or D gear

- Current P gear

Press the brake pedal and briefly push/pull the gear lever in the desired direction (two positions each). After releasing the gear lever, the gear lever will return to the middle position.



- Current R gear

When switching from R gear to another gear: It is recommended to press the brake pedal and ensure that the vehicle comes to a complete stop before proceeding.



- Current N gear

When shifting from N gear to R/D gear, please press the brake pedal.



- Current D gear

When shifting from D gear to N gear: It is recommended to stop the vehicle and press the brake pedal.



# Starting and Driving

## Caution

①: When the vehicle is in D gear, push the gear lever up one notch and hold for 1.5 seconds to shift into N gear. When the vehicle is in R gear, pull the gear lever down one notch and hold for 1.5 seconds to shift into N gear. Only when the vehicle is ready, it is allowed to shift into R/D gear.

## Auto park (function of automatically returning to P gear)

When the vehicle is in a starting state and the vehicle is stationary, the driver will automatically switch to P gear when getting out of the vehicle in D, N, or R gear (the driver's door is opened, the driver's seat belt is released, and the brake pedal is released) to prevent collision and rolling risks. When the vehicle is plugged in with a charging connector for charging, it will also enter P gear.

**Note:** *When the vehicle is powered off at a lower speed, regardless of the current gear, the vehicle will automatically switch to P gear.*

## Charging requirement



**Slow charging is generally recommended for the vehicle; frequent use of fast charging should be avoided.**

**Check will be conducted to confirm whether the inlets and jacks are in good condition or not before charging.**

**It is recommended that the charging connector should be connected to the charging inlet in the body before operating the charging equipment.**

**After charging, turn the power of the charging equipment off first, then disconnect the charging connector from the charging inlet in the vehicle body, and close the charging inlet cover as well as the charging port panel on the body.**

**When the charging pile breaks down, immediately notify the relevant professional, and the operator cannot handle it without authorization.**

**Charging can be conducted in rainy days, but rainproof measures will be adopted for charging connector and charging port in the process of removing and inserting charging connector.**

**Charging operation need be stopped in extreme weather such as storm.**

## Requirements for charging equipment

- Insulation resistance  $\geq 10\text{M}\Omega$ .
- As low-voltage platform of the vehicle is 12V, charging pile whose low voltage output is 12V will be used for charging to avoid damaging low voltage equipment of vehicle.
- The charging equipment must meet Standard IEC 62196.

## Safety instructions for charging with residential electricity

### Basic principles

- Charging pile is not provided for charging with residential electricity. For charging piles purchased by customers themselves, it is recommended being installed by professionals.
- When charging from a household outlet, avoid using other electrical equipment on the same power line.
- Power supply circuit at the customer side shall be evaluated by qualified professionals.

### Requirements for electricity leakage protection device

- Electricity leakage protection device shall be used on the power supply circuit at the customer side, and installed at the frontmost end of the power supply circuit.
- High-sensitivity high-speed electricity leakage protection devices with a sensitive current of 30mA or smaller leakage current value are recommended.

### Requirements for over-current protector (air switch)

- Over-current protector must be installed on the power supply circuit, behind and close to the electricity leakage protection device.

# Starting and Driving

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## Requirements for circuit cable

- Power supply circuit at the customer side must be a special circuit, and circuit wiring shall conform to the related requirements for building and electricity.
- For old buildings, it is recommended arranging new special circuit.
- The diameter of power supply circuit cable at the customer side shall be no less than 4 sq.mm and the total length of cable shall be no more than 50 m.
- Circuit wiring shall avoid the humid or water logged area and be free of flammable substances around.

## Requirements for household socket outlet

- Socket must be arranged in positions convenient for vehicle parking and charging operation.
- Standard 220V/16A (Users in German standard area or in Israel standard area) AC power sockets are recommended.
- The wiring of the socket should be correct (live wire, neutral wire and earth wire), and the earth wire should be reliably earthed.
- Transfers using adapters, reels, power strips, etc. are prohibited.
- The socket must be protected from rain, sun and foreign objects, and there is no heat source around.
- The socket shall conform to the requirements of IEC 60884, and be reliable in quality.

## Miscellaneous

- After the battery is fully charged, disconnect the charging cable; if it is needed to actively stop the charging, first disconnect the charging connector from the vehicle, and remove the plug at the power supply side.
- During charging operation in rainy days, rain shall be avoided from entering the charging connector and inlet.
- Check the connector/inlet for deformation, blackening or ablation before each charge, and replace it immediately if any abnormal condition is found. Even if there is no abnormal condition, if it is used for over 3 years, replace it with a new one.
- If there is peculiar smell, smoking, overheating or other abnormal conditions during charging, immediately turn off the charging circuit, stop the charging operation and check the connector and inlet.
- If the over-temperature fault lamp for charging cable illuminates, check the connector/inlet for deformation, blackening or ablation, and replace it immediately if any abnormal condition is found.

## Requirements for charging environment

- Spark may be generated in some modules of charging equipment. To avoid accident, do not conduct charging operation in gas station and places where there are inflammable gases or liquid.
- Charging operation time will be affected by external temperature. Charging time will be extended at low temperatures.

## Influence of charging operation on special personnel

When conducting fast charging, the operation area may have magnetic field interference. It is recommended that users who carry implantable heart pacemaker and implantable angiocardy defibrillator keep away from vehicles under charging.

Magnetic field interference may affect normal effect of electronic medical equipment such as implantable heart pacemaker and implantable angiocardy defibrillator. Users who carry implantable heart pacemaker and implantable angiocardy defibrillator may be injured or die.

If you carry implantable heart pacemaker and implantable angiocardy defibrillator, please guarantee when vehicle is under charging operation:

- Don't stay in the vehicle.
- Don't enter into the vehicle for taking objects in the passenger compartment.
- Don't open the tail gate or enter into the vehicle for taking objects at the tail gate.

**Note:** *When the vehicle does not conduct charging operation, special personnel can ride and drive vehicles.*

# Starting and Driving

## Charging mode

### Charging pile DC charging (fast charging)

Use the public DC charging piles to charge your vehicle.

Please refer to the following table and attached drawings. The **K** label on the vehicle charging port indicates that the vehicle supports the fast charging shown in the following table.

### Household single-phase AC charging (slow charging)

Connect the vehicle to a household standard household socket to charge the vehicle, if the socket is not well grounded, the charging device will have a failure prompt for unable to charge. You need to contact a professional electrician to repair the ground wire or connect it to a well-grounded socket for charging. Check the power socket in the process of charging. If it is hot, do not continue to use it. Contact a qualified electrician for servicing the power socket.

Always use the standard household socket which meets the provisions in IEC 60884 for charging.

If a 'Electric Leakage' prompt is displayed, contact a professional electrician to check the insulation status of the hot wire or the neutral wire.

Special power sockets should be selected for battery charging, as they can prevent line damage and protection trip caused by high-power charging from affecting the normal use of other equipment. Over time, the power socket may wear out due to

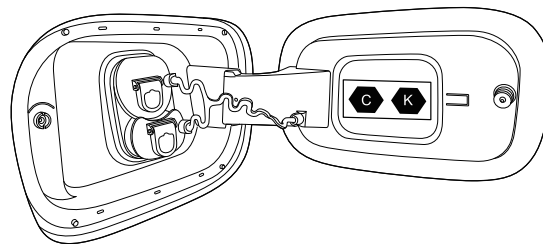
normal use and may even be damaged, making it no longer suitable for charging an electric vehicle.

When used outdoors, plug it into a power socket that is protected from rain.

### Charging pile AC charging (slow charging)

Use the public AC charging piles to charge your vehicle.

Please refer to the following table and attached drawings. The **C** label on the vehicle charging port indicates that the vehicle supports the slow charging shown in the following table.



Configuration	Type of accessory	Voltage range	Identifier
TYPE 2	Vehicle inlet	≤480V RMS	<b>C</b>
FF	Vehicle inlet	50V ~ 500V	<b>K</b>

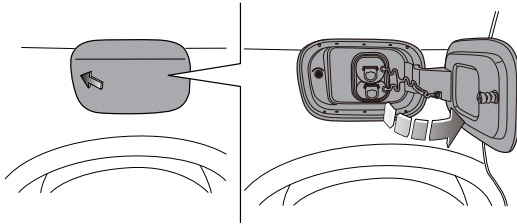
# Starting and Driving

## Fast charging

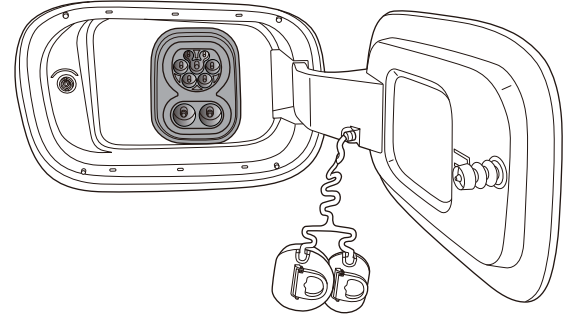
**Note: Fast charging should be conducted by the personnel in the fast charging station according to the operation instructions for charging pile.**

To perform a fast charging for the vehicle, turn off the vehicle power, wait for 3 ~ 5 minutes, and then follow the instructions below:

- 1 Select a standard DC charging connector that matches your vehicle.
- 2 The charging port is at the right front side of the vehicle. Gently press the left side of the charging port panel by hand to open the panel.



- 3 Open the cover on the charging inlet.



- 4 Remove the DC charging connector from the charging pile.
- 5 Connect the charging connector with the charging socket, and lock the connection of the charging connector and charging socket using the locking mechanism on the charging connector handle.
- 6 Connect the charging connector to the charging equipment, and turn the power of the charging equipment on according to the instructions on the charging pile.

**Note: Before charging, check whether there is any abnormality in the charging equipment. In the charging process, the "charging status indicator (yellow)" on the instrument cluster illuminates. If the equipment can not be charged after 3 consecutive attempts, it is**

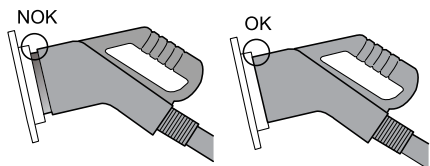
## Starting and Driving

**recommended to replace other equipment for attempts. If the equipment can be charged after replacement, the previous charging equipment may be damaged.**

**Note: Please check whether the PP and CP pins of the charging connector are rusted. If so, please clean them before charging to prevent charging failure.**

- 7 After the charging connector is properly connected, the "charging connection indicator (red)" on the instrument cluster will come on.

**Note: Please make sure that the charging connector is fully inserted into the charging stand to avoid that the electronic lock cannot be locked, resulting in charging failure, as shown below.**



- 8 In the charging process, the "charging status indicator (yellow)" on the instrument cluster illuminates.

- 9 Upon completion of charging, the "charging status indicator (yellow)" goes out. Please turn the power of the charging equipment off before removing the charging connector.

- 10 Close the cover on the charging inlet.

- 11 Close the charging port panel.

### Caution

Select a standard DC charging pile or charging equipment that matches your vehicle. Once the battery is fully charged, the battery management system will have an automatic calibration function. If the vehicle has been shallowly charged (less than 99%) every two or three times, you need to fully charge (100%) the vehicle once.

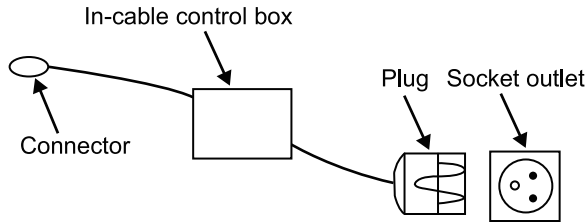


# Starting and Driving

## Slow charging

There are three ways to slow charge. The charging method on your vehicle depends on the actual configuration of your vehicle.

- 1 Mode 2 charging is shown in the figure below. One end of the charging in this mode is connected to the household socket and the other end is connected to the vehicle. (This connector is optional for users)

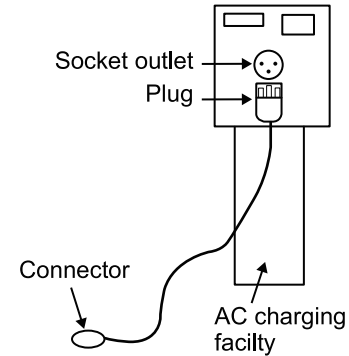


The LED words on the In-cable control box are as follows:

Charging status	Status description			
	Power (Green)	Charging (Red)	Fault (Red)	Complete (Green)
Initial state	On	Flash	Flash	Flash
To be connected	On	On	Off	Off
Normal charging	On	Off	Off	On
Charging completed	On	Off	Off	On

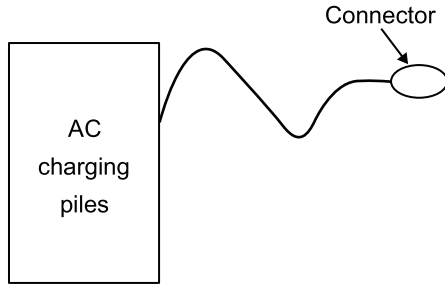
Power-on self-test failed	On	Off	Flash	Off
Abnormal communication	On	On	Flash	Off
Over/under voltage	On	Off	On	Off
Ungrounded	On	Off	On	Flash
Over current	On	Flash	On	Off
Current leakage	On	Off	Flash	Flash
Over temperature	On	On	On	On

- 2 Mode 3 charging is shown in the figure below. One end of the charging in this mode is connected to the charging piles and the other end is connected to the vehicle. (This connector is optional for users)



# Starting and Driving

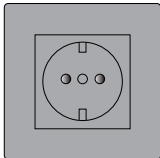
## 3 Direct charging with charging post.



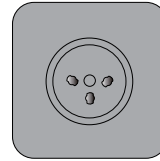
**Note: Slow charging is a way of charging high-voltage battery pack to reach the optimal equilibrium state.**

To perform a slow charging for the vehicle, turn off the vehicle power, wait for 3 ~ 5 minutes, and then follow the instructions below:

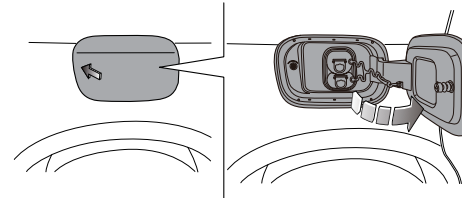
- 1 Select the standard 16A socket (German standard socket or Israel standard socket) with reliable earthing or AC charging piles.
  - German standard socket.



- Israel standard socket.

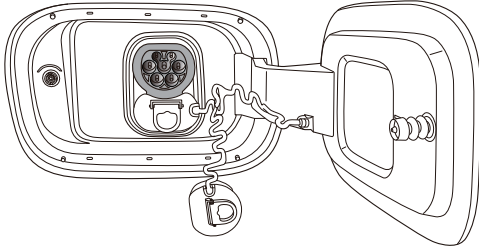


- 2 Take the charging connector out from its package.
- 3 Insert the AC input cable plug of the charging connector into the socket or AC charging piles.
- 4 The charging port is at the right front side of the vehicle. Gently press the left side of the charging port panel by hand to open the panel.

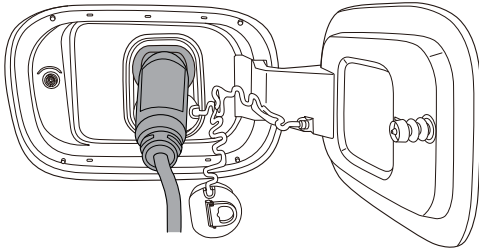


## Starting and Driving

- 5 Open the cover on the charging inlet.



- 6 Connect the charging connector to the charging inlet.



- 7 After the charging connector is properly connected, the "charging connection indicator (red)" on the instrument cluster comes on and the electronic lock of the charging inlet is enabled, which guarantees that the charging connector will not be unplugged whilst charging.

**Note:** Please make sure that the charging connector is fully inserted into the charging stand to avoid that the electronic lock cannot be locked, resulting in charging failure.

- 8 After the above operations are completed, the system will be charged automatically within about 20 seconds.
- 9 During charging, the "charging status indicator (yellow)" on the instrument cluster is on.

2

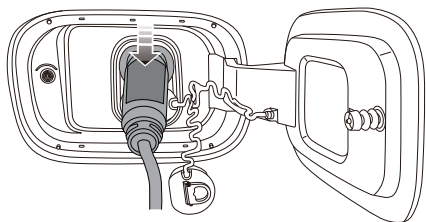
**Note:** If charging with a public AC charging pile, connect the charging connector to the charging equipment, and charge according to the instructions on the AC charging pile.

**Note:** If charging with a public AC charging pile, before charging, check whether there is any abnormality in the charging equipment. In the charging process, the "charging status indicator (yellow)" on the instrument cluster illuminates. If the equipment can't be charged after 3 consecutive attempts, it is recommended to replace other equipment for attempts. If the equipment can be charged after replacement, the previous charging equipment may be damaged.

**Note:** If charging with a public AC charging pile, please check whether the PP and CP pins of the charging connector are rusted. If so, please clean them before charging to prevent charging failure.

## Starting and Driving

10 Once the battery is fully charged, the "charging status indicator (yellow)" on the instrument cluster will go out, and the electronic lock of the charging socket will be unlocked automatically. Press the button switch on the charging connector to remove the charging connector.



**Note: If the charging needs to be ended early and the charging connector be removed, unlock the vehicle with the key, and the vehicle will stop charging automatically. The "Charging status indicator lamp (yellow)" will go out, and the electronic lock will be unlocked automatically. Then, press the button switch on the charging connector to remove it within 1 minute (if the charging connector is not removed within 1 minute, the electronic lock of the charging port will be re-locked).**

11 Close the cover on the charging inlet.

12 Close the charging port panel.

13 Put the charging connector back into its package.

### Caution

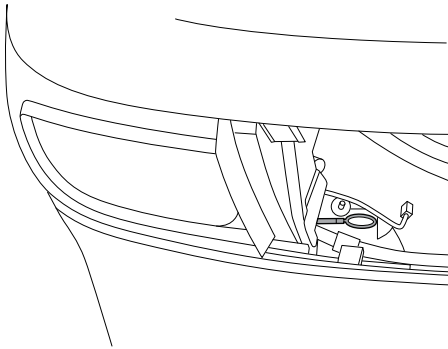
Emergency treatment: In the event of an emergency such as fire, smoke or burnt smell, turn the socket power switch off immediately to completely power off the system. If the vehicle has been shallowly charged (less than 99%) every two or three times, you need to fully charge (100%) the vehicle once.

### Caution

- If any unidentified foreign matters are found in the charging plug, insulator, pin and socket, the charging process shall be terminated immediately.
- It is strictly prohibited to insert the charging plug and charging base obliquely.
- It is strictly prohibited to shake the charging plug up, down, left and right when inserting / pulling it out, and it must be inserted / pulled out with vertical force.
- During charging, the cable of charging plug must be smoothed, and it is not allowed to distort to force the charging connector seat during use.
- During the charging process, in case of extremely severe weather such as typhoon, rainstorm and hail, the charging process shall be terminated immediately.
- During the charging process, if the charging interface continuously emits strong and irritating odor, the charging process shall be terminated immediately.

## Charging inlet emergency cable

The AC charging socket is provided with the electronic lock function. In the charging process, in order to prevent children from touching or unplugging the charging connector by accident, after the charging connector is plugged into the charging socket, the electronic lock in the charging socket will be locked following the master control switch. At this time, do not unplug the charging connector forcefully to avoid causing damage. Be sure to unlock it using a key or master control switch before unplugging. If the charging connector cannot be unlocked with a key or master control switch in an emergency, you may pull down the emergency cable located on the left side of the front compartment to unlock the charging connector.



## Equalizing charge

Equalizing charging means that during the charging process, under the action of the battery management system, the voltage of each cell is basically the same, so as to ensure the overall performance of the high-voltage battery pack. Therefore, it is recommended to charge the vehicle at least once a month with a slow full charge of less than 25% of its battery capacity to improve battery performance and lifespan.

**Note: For charging safety reasons, the upper limit of DC fast charging capacity is 97%, and the upper limit of AC slow charging capacity is 100%.**

## Charging appointment

**Note: It applies to vehicles configured with the charging appointment function.**

Charging appointment refers to the user carries out the slow charging at a specified time. The charging appointment function requires that the function of charging piles is available. Some charging piles do not open the appointment for charging due to the consideration of operational efficiency. In case of brand piles that cannot be appointed for charging, please contact the customer service of the charging piles for consultation or our Service Dealer.

For use of charging appointment function, please follow the following steps:

# Starting and Driving

- 1 Turn on the charging appointment switch, and set the charging appointment time.
- 2 Authorize (swiping card, scanning QR code, etc.) after inserting the charging connector.

## Caution

- Due to the compatibility of some charging piles, if you mistakenly perform Step 2 and then Step 1, the appointment will fail. It is recommended to perform Step 2 again after unplugging the charging connector.
- If it's required to conduct charging with public AC charging pile during non-appointment time, please turn off the charging appointment switch.

## Charging time

Charging time of high-voltage battery pack is related to many factors, such as current electric quantity, charging mode, ambient temperature and charging device power.

**Note: The alarm limit for low power of the high-voltage battery pack is 20%.**

## Fast charging time

Under the normal temperature state, the fast charging time is approximately as follows:

Charging time(Under the normal temperature)	The fast charging time
SOC 5% ~ 80%	0.75 hours (64kWh high-voltage battery pack model) 0.8 hours (62kWh high-voltage battery pack model)
SOC 20% ~ 80%	0.6 hours (64kWh high-voltage battery pack model) 0.7 hours (62kWh high-voltage battery pack model)
SOC 20% ~ 100%	1.5 hours (64kWh high-voltage battery pack model) 1.7 hours (62kWh high-voltage battery pack model)

# Starting and Driving

## Caution

- At a low temperature and in an extremely high temperature environment, the required charging time will be extended.
- If the output capacity of charging device is insufficient, the required charging time will be extended.

**Note:** *In order to protect the high voltage-battery pack and to speed up the temperature rise of the battery, when performing a fast charge in a low temperature environment, the high voltage-battery pack may have a drop in capacity for a short period of time, it is normal.*

## Slow charging time

Under the normal temperature state, the slow charging time is approximately as follows:

Charging time(Under the normal temperature)	The slow charging time
SOC 5% ~ 80%	5.5 hours
SOC 20% ~ 80%	4.5 hours
SOC 20% ~ 100%	6 hours

## Caution

- At a low temperature, the required charging time will be extended. If the air conditioner and other high-power electrical appliances are turned on during slow charging at low temperature, it may result in power level drop and the charging time will be extended accordingly, so the use of air conditioners and other high-power electrical appliances shall be minimized during slow charging.
- If it is not fully charged for a long time, it may lead to inaccurate estimation of driving range, and the charging time required for recharging may be extended.
- After long-term parking, the vehicle needs to be fully charged before its first use, and the charging time may be extended.

**Note:** *The slow charging time mentioned above means the time required by the vehicle to use AC charging pile for charging. When the residential electricity is used for charging, corresponding charging time will be about 2.5 times of that required for adopting AC charging pile.*

## Exterior discharge

**Note:** *It applies to vehicles configured the exterior discharge function.*

## Discharge requirements

- Only the slow charging port (i.e. AC charging port) can be used for discharge.
- Check whether the socket and jack are in good condition before discharge. Do not discharge with a discharger that is damaged, rusted, damp or has foreign objects. Do not discharge with a discharge port that is stained by water. Do not discharge with discharger head and discharge socket that are deformed, blackened or ablated.
- It is recommended that the discharger should be connected to the discharge socket (i.e. AC charge socket) in the body before operating the central control screen.
- In the process of discharge operation, surrounding personnel cannot contact operators, vehicle and discharger.
- The vehicle will perform discharge power protection depending on the discharger specifications. Be careful not to use a high-power electrical appliance that exceeds the discharger specifications or use multiple electrical appliances with high power at the same time. During use, please observe the discharge current displayed on the meter. When the discharge function is stopped due to protection, unplug the electrical appliance and try again.

- After discharge, turn off the electric appliance first, then disconnect the discharger from the vehicle's AC charge socket, and close the plastic cover of the charge socket and the charging port door on the body.
- When the charge socket fails, immediately notify the relevant professional, and the operator cannot handle it without authorisation.
- Discharge can be conducted in rainy days, but rainproof measures shall be taken for discharger and discharge port and socket in the process of removing and inserting discharger.
- Discharge operation needs be stopped in extreme weather such as storm.

## Requirements for discharge environment

The discharger and electrical appliances may cause sparks during discharge. In order to avoid accidents, do not discharge at gas stations or places with inflammable gases or liquids.

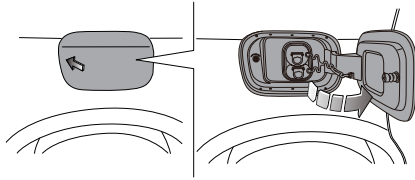
## Discharge operation

Follow the instructions below during discharge:

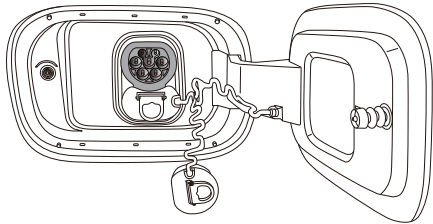
- 1 Please select a discharger with a  $R_c$  resistance of 470  $\Omega$ /1k $\Omega$ /2k $\Omega$ /2.7k $\Omega$  for the discharger head.
- 2 The discharge port is at the right front side of the vehicle, i.e. AC charging port of the vehicle; gently press the left side of the charging port panel by hand to open the panel.



## Starting and Driving



- 3 Open the cover of the discharge socket, i.e. the cover on the AC charge socket of the vehicle.



- 4 Connect the discharger to the discharge socket.
- 5 After the discharger is connected, click on the application list on the central control screen to enter the Energy Management external discharge interface. After setting the battery discharge cut-off level, click on the Start Discharge icon.

- 6 After the above operations, the system will start discharge within 20s.
- 7 To end the discharge, click on the application list on the central control screen to enter the Energy Management external discharge interface, and click on the Stop Discharge icon.
- 8 Unlock the vehicle, remove the discharger, cover the cover of the discharge socket (i.e. AC charging port), and close the charging port door.

**Note:** *When the battery power is discharged to the set cut-off level, the discharging will be automatically turned off.*

### Caution

Emergency response: If an emergency such as fire, smoke or burnt odor is found during use, turn off the discharge switch immediately to fully cut off the system.

### Low speed alarm module

The pure electric vehicle is quiet in low speed driving, resulting in the probability of accidents occurring to pedestrians (especially the blind) higher than that of conventional vehicles. A system making a warning or prompt sound at low speed is achieved via a low speed alarm module (Acoustic Vehicle Alerting System, AVAS) to reduce the probability of accidents occurring to pedestrians. The design of acoustic warning and sound effects for the sound sensitivity of different populations achieves the balance between safety guarantee and noise pollution.

### Low speed alarm sound effect


When the vehicle speed is 0 ~ 20km/h, the low speed alarm module simulates the sound of running engine to make the sound alarm, and the tone gradually increases with the acceleration and vice versa, to warn persons outside the vehicle about the vehicle passing. The minimum average frequency shift speed of the frequency meets the requirements of no less than 0.8%/(km/h).

***Note: When the vehicle speed is 0km/h, the low speed alarm module does not make a prompt sound.***

When the vehicle is reversing, the low speed alarm module simulates the sound of running engine to warn persons outside the vehicle about the reversing state, and the tone gradually increases with the acceleration and vice versa.

***Note: When the vehicle reversing speed is 0km/h, the low speed alarm module does not make a prompt sound.***

## Electric power steering system

 **If the electric power steering fails or cannot operate, the steering will appear very heavy, which will affect driving safety.**

The electric power steering system only works when the vehicle is started. The system operates via a motor with assistance levels automatically adjusted based on vehicle speed, steering torque and steering wheel angle.

The electric power steering system has the advantages of simple structure and energy saving. Compared with the traditional hydraulic power steering system, the electric power steering system only needs energy in actual steering, so that power loss can be reduced in this operating way of power consumption according to the need.

### Caution

When the electric power steering system operates, holding the steering wheel on full lock for long periods will result in a reduction in power assistance and cause a heavier feel to the steering.


## EPS (Electric Power Steering) system malfunction warning light


See "Warning lights and indicators" in Before You Drive section.

## Braking 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, longer braking distance and may cause the vehicle to pull to one side. 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 fail the other circuit will continue to function.

# Starting and Driving

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## 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 motor stops running due to some causes, brake booster will stop working after 2 pedal operations; 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 considerably reduce braking efficiency. At this time, keep safe distance from other vehicles and gently depress the brake pedal intermittently to dry the brake friction components. In severe wet weather, this drying process may need to be repeated every few miles.

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.

## ABS (Anti-lock Braking 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 braking 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 Fully depress the brake pedal.
- 2 Bypass the obstacle. No matter how much brake force is used, you can always maintain the control on direction.

## 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.

When braking in an emergency, always depress full force to the brake pedal, even if the road surface is slippery. ABS is activated; it constantly monitors the speed of each wheel and

# Starting and Driving

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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 an emergency braking situation, depress full force to 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.

## ESC (Electronic Stability Control)

### Functions of ESC

ESC covers the functions of ABS, EBD, TCS, VDC, HBA, RMI, HHC and AUTO HOLD.


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 vehicle is powered on, "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 central control 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.

# Starting and Driving

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## ***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.

## ***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.

## **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.



# Starting and Driving

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## EPB (Electrical Parking Brake)

The EPB pull-up switch is integrated with the P gear button on the shift lever. When the vehicle is stationary, press the P gear button to enter the parking mode.

### Instructions before Using EPB

- Once the vehicle is powered on, the EPB can be used all the time. Do not operate the P gear button and release parking switch repeatedly when the vehicle is not running to prevent excessive discharging of the battery. EPB system is unable to be applied or released when the battery power is insufficient.
- When the normal brake of the vehicle fails, the emergency braking function can still stop the vehicle. See "Emergency braking function" in this section for details.
- Minor noise may be heard when applying or releasing the electronic parking brake. This is normal, please rest assured.
- When the vehicle is powered off, the applied parking brake cannot be released, and the released parking brake cannot be applied, please connect an external power supply.
- If the "EPB indicator (red)"  fails to illuminate when you operate the P gear button or goes out when you shift gears, or the "EPB malfunction indicator (yellow)"  illuminates and the EPB can not be released through normal operation, please contact Our Service Dealer.

- It is not recommended to park on roads with a slope greater than 20%, otherwise it may slip.


## Parking

### *Manual hold*

- 1 The vehicle is powered on or the motor is operating.
- 2 Keep the vehicle stationary.
- 3 Press the P gear button on the shift lever and 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 it slips.

## Start-off

### *Automatic release of EPB*

 **If a gear is engaged when the vehicle is stopped and the motor is running, never depress the accelerator pedal. Otherwise, the vehicle will immediately move on its own and an accident may occur.**

- 1 Power on the vehicle.
- 2 The driver fastens his/her seat belt.
- 3 Depress the brake pedal.



- 4 The driver moves the gear lever to switch out of P gear, the parking brake will automatically release, the "EPB indicator (red)" on the instrument cluster will go out, and the vehicle starts to move.

## Automatic EPB application

- When the vehicle is started and the vehicle is stationary, and the driver gets out of the vehicle in D, N or R gear (the driver door is open, the driver's seat belt is unfastened, and the brake pedal is released), the vehicle will automatically switch to P gear, and the electronic parking brake will be applied automatically, in order to prevent the vehicle from the risk of collision and slipping.
- When the charging gun is plugged into the vehicle for charging, the vehicle will also enter P gear and the electronic parking brake is automatically applied.
- When the vehicle is powered off at a low speed, the vehicle will automatically switch to P gear regardless of the current gear.
- For models equipped with ADAS(Advanced Driver Assistance System) function, when ACC(Adaptive Cruise Control) function is activated, electronic parking will be requested to automatically pull up during following conditions, and the vehicle will automatically switch to P gear.
- For models equipped with ESP function, when the AUTO HOLD function is activated, if the brake pedal is not pressed and the vehicle does not shift to P gear during long-term parking conditions, the electronic parking will be requested to

automatically pull up, and the vehicle will automatically switch to P gear.

## Emergency braking function

When the vehicle is in motion, pressing the P gear button on the shift lever will activate the emergency brake function. At this point, the vehicle will brake the rear wheels by activating the EPB braking system, which has the same braking effect as gently depressing the brake pedal.

Just release the P gear button before the vehicle comes to a standstill, and emergency braking will be suspended. Release the P gear button after the vehicle is stationary, and the vehicle will enter P gear.

### Caution

This function is used when the normal braking operation has failed.

## Trailer mode

**Note: It applies to vehicles configured with the trailer mode soft switch on the central control screen.**

The EPB (Electronic Parking Brake) has a trailer mode function, and you can select whether the trailer mode function is turned on through the central control screen. The switch name is "Trailer mode".

# Starting and Driving

The default state of this function is off, which means that after the vehicle is powered off, the EPB (Electronic Parking Brake) will automatically pull up; If you choose to turn on this function, the EPB (Electronic Parking Brake) will not automatically pull up after the vehicle is powered off; If you choose to turn on this function, it will only take effect in the current ignition cycle and will automatically return to the off state in the next ignition cycle.

After this function is enabled, it needs to be powered down in N gear to achieve the EPB (electronic parking brake) not automatically pulling up. The operation steps can refer to the following process:

- 1 Park the vehicle stably and engage in P gear.
- 2 Press the brake pedal and simultaneously click the "Trailer Mode" soft switch on the central control screen to enter trailer mode.
- 3 The parking brake is released. When the "EPB indicator (red)" on the instrument cluster goes out, it indicates that the parking brake is released and the vehicle remains in N gear.

### Caution

After the trailer mode is turned on, be sure to park the vehicle on flat ground to ensure safe parking.

## AUTO HOLD


AUTO HOLD is located on central control screen. Use this 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.

### 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 motor is started.

When the AUTO HOLD switch is turned on, the "AUTO HOLD indicator (gray)"  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 (gray)"

goes out, and the "EPB indicator (red)"  illuminates.

# Starting and Driving

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During operation of the AUTO HOLD, opening the door or unfastening the seat belt will activate the EPB. The "AUTO HOLD indicator (green)" 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 (gray)" 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 (gray)" 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.

## Warning lights

Warning lights related to braking system include "braking 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 (gray)", "AUTO HOLD indicator (green)" and "AUTO HOLD indicator (yellow)", please see "Warning lights and indicators" in Before You Drive section.

# Starting and Driving

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## Parking assist system

**Note:** *The type of parking assist system equipped on your vehicle is subject to the actual vehicle configuration purchased.*

## 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 close to the ground, conic objects and some objects with non-reflective surfaces.

The parking sensors shall be free of dirt, ice, and snow. The sediment on surfaces of parking sensors will impair the normal functioning of the sensors. Therefore, avoid directly flushing the parking 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 rearward area of 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 reverse gear R, if the parking assist system has no faults, the system will automatically start working. When selecting other gears, the parking assist system will stop working.

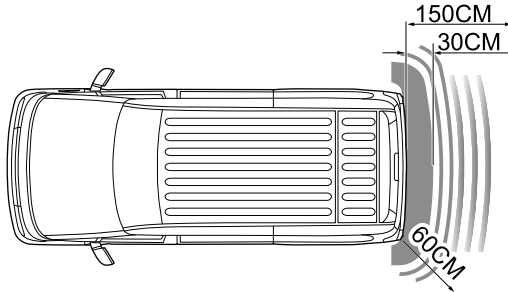
**Note:** *If the system gives out a prompt tone of 3s after the reverse gear is selected, it indicates that the system has a malfunction. Contact Our Service Dealer for service as soon as possible.*

## Parking process

When the middle radar in the rear of the vehicle is about 150cm away from the barrier, or when the radars on both sides are about 60cm away from the barrier, the parking assist system starts to make alarm sounds. And the alarm sound become harsher when the vehicle is approaching the barrier.

When the distance of the vehicle from the barrier is less than 30cm, the parking assist system will sound a long alarm. At this moment, it is impossible to effectively identify the barrier if you continue to reverse the vehicle.

# Starting and Driving

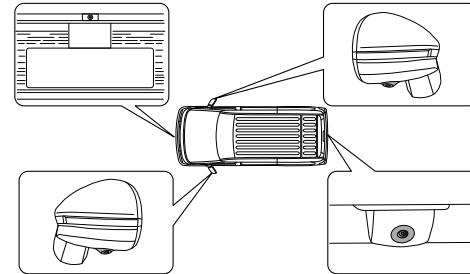


## 360° around-view system

**!** 360° 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.

2

360° around-view system includes four cameras and one controller, and the cameras are respectively located in four orientations of front, rear, left and right.



### Function on

- Select the reverse gear to trigger the around-view system.
- When the vehicle speed is lower than 30km/h, wake up the panoramic system through "360" icon on the central control screen.

# Starting and Driving

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After the function is turned on, 2D 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 30km/h or above, the system automatically exits.

## **Function settings**

The user can choose to turn on/off "Panoramic image triggered upon vehicle start", "Panoramic image triggered upon steering", "Panoramic image triggered on narrow roads", "Forward guide line display", etc. by touching the "Settings" on the panoramic interface.

- Panoramic image triggered upon vehicle start

After the function is enabled, the around view system will be automatically turned on when the vehicle is started for the first time in the ignition cycle.

- Panoramic image triggered upon steering

After the function is enabled and the vehicle is at a low speed, the around view image will be automatically turned on when you switch on the turn signal lamp.

- Panoramic image triggered on narrow roads

After the function is enabled and the vehicle is at a low speed, the around view image will be automatically turned

on when the forward side parking radar detects the obstacle at a certain distance.

- Forward guide line display

After the function is enabled, the around view system will display the forward view and the static guide line at the same time.

***Note: Due to different vehicle configuration, the above functions and their specific descriptions may vary, which shall be subject to the actual configuration of the vehicle you purchased.***

## 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.

# Starting and Driving

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## 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.


## 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 entertainment system screen: Settings -> Driving Assist -> Collision Avoidance 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 entertainment system screen: Settings -> Driving Assist -> Collision Avoidance 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 entertainment system screen, and click "Alarm Sensitivity" on the under of Collision Avoidance Assist, the options "Low", "Standard" and "High" will pop up; you may select applicable sensitivity according to your needs.



# Starting and Driving

## 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.

### 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 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 8km/h to 130km/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.

# Starting and Driving

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## 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 property, 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, see “Camera”.

## 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*

Set in the entertainment system screen: Settings -> Driving Assist -> Lane Assist On.

#### *Function off mode*

Set in the entertainment system screen: Settings -> Driving Assist -> Lane Assist Off.

When the function is deactivated, the "LDW (Lane Departure Warning)/LKA (Lane Keeping Assist)/ELK (Emergency Lane

Keeping) warning light (yellow)"  is always on.

# Starting and Driving

## **Audible alarm**

Set in the entertainment system screen, and click “Alarm Sensitivity” on the under of Lane Assist, the options “ON” and “OFF” will pop up. The audible alarm function can be turned on or off.

## **Sensitivity control**

Set in the entertainment system 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)/ELK

(Emergency Lane Keeping) warning light (yellow)”  is always on, please go to our service dealer for repair.

## **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

# Starting and Driving

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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, see “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

#### *Function on mode*

Set in the entertainment system screen: Settings -> Driving Assist -> Lane Assist -> Assist Mode -> Alarm+Correction.

#### *Function off mode*

Set in the entertainment system screen: Settings -> Driving Assist -> Lane Assist -> Assist Mode -> Alarm or Settings -> Driving Assist -> Lane Assist Off.

## Starting and Driving

### 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 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)/ELK

(Emergency Lane Keeping) 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.

# Starting and Driving

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## 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, see “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.

## ELK (Emergency Lane Keeping)

When the ELK (Emergency Lane Keeping) function is activated, it determines the position of the vehicle relative to the adjacent vehicle or curb, etc. based on the road environment information obtained by the front cameras and corner millimeter wave radars, and will warn the driver or keep the vehicle away from the risk of collision by steering intervention in combination with the vehicle status and driver input if the driver departs unintentionally, causing risk of collision with the adjacent vehicle or curb, etc. This is a safety function, not a comfort function.

The lane keeping function is activated when the vehicle speed is between 60km/h and 120km/h and the road markings are clearly visible.

When the vehicle is driven at low speed or actively (judged by rapid lane change, etc.), the system will not give an alarm or automatically intervenes in steering.

### Function on or off

The button for the ELK to be on or off is the same one as for LDW. See “LDW (Lane Departure Warning)” in this section for the operation mode.

### Information prompts

When the driver departs unintentionally and there is a risk of collision with the adjacent vehicle or curb, etc., the system will remind the driver through the warning icon on the instrument cluster and the sound of the buzzer, and may intervene in

# Starting and Driving

steering to keep the vehicle away from the adjacent vehicle or curb, etc. to avoid the risk of collision.

## Caution

The emergency lane keeping assist is just a driver assistance function. The driver should not rely solely on the emergency lane keeping function to prevent collision with the adjacent vehicle or curb, and should bear the responsibility for safe driving.

The driver should follow the traffic regulations and hold the steering wheel firmly with both hands. If the driver does not hold the steering wheel, the system will not provide the emergency keeping assist function.

The emergency lane keeping assist will not always help the driver correct the vehicle with a tendency to collide with the adjacent vehicle or curb, and the driver must take over the vehicle after correction to ensure that the vehicle is stable.

The emergency lane keeping assist cannot work under all driving or traffic, weather and road conditions.

When the emergency lane keeping assist system fails, i.e. after the lane keeping assist function is activated, the "LDW (Lane Departure Warning)/LKA (Lane Keeping Assist)/ELK



(Emergency Lane Keeping) warning light (yellow)" remains on, please drive to Our Service Dealer for service.

## Caution

If the vehicle suspension kit replaced by yourself is not approved by us, the emergency lane keeping assist system may not operate properly.

## Usage restrictions

The emergency lane keeping assist cannot clearly detect lane lines at all times. You may receive invalid warning or false interference under the following conditions.

- In road construction areas, at sharp turns or on narrow roads.
- Darkness (poor lighting) or weather conditions (due to heavy rain, heavy snow, dense fog or high wind).
- The recognition capability of the camera is deteriorated under direct sunlight or oncoming strong light.
- The lateral vehicle is large or the vehicle appearance is irregular, and the curb is severely damaged or unconventional, so that the cameras cannot accurately identify it as the object to be avoided.
- Camera view blocked (water mist, dust, or sticker, etc.).
- The width and quality of lane lines fail to meet the requirements, such as lane lines worn or covered, presence of both old and new lane lines, or lane lines changed by construction sections.
- Large shadows are projected on the lane by trees, large objects, or landscape features, etc.
- The emergency lane keeping assist may miss a warning or give a false warning under the following conditions:

# Starting and Driving

- See "Camera" for camera restrictions.
- Weather conditions (heavy rain, snow, fog, extremely high or low temperatures) interfere with camera operation.

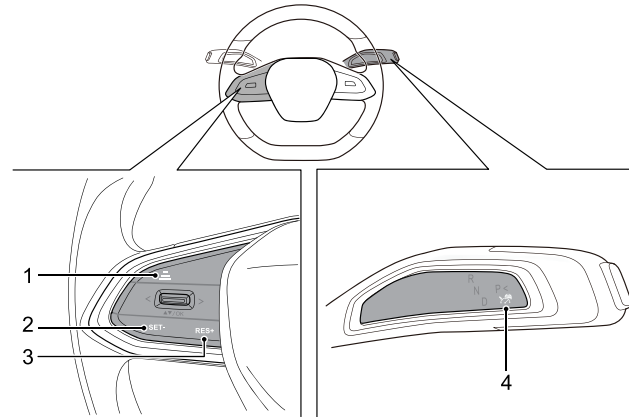
The above warnings and restrictions do not include all conditions that may interfere with emergency lane keeping assist. Many factors may cause the emergency lane keeping assist to be inoperative. In order to avoid the risk of collision with the adjacent vehicle or curb, the driver should remain vigilant and always pay attention to the road conditions, so that corrective measures are taken as soon as possible.

## 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 sensor detects 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.



## ACC switch

ACC switch is located on the steering wheel and shift lever.






# Starting and Driving

- 1 : It is used for setting the following distance, and adjust the following distance of ACC. Each time the switch is pressed, the following distance is switched between Level 1 to 3.
- 2 SET-: It is used to reduce cruise speed.
- 3 RES+: It is used to increase cruise speed.
- 4 : It is the ACC switch. When the conditions are met, turn the shift lever downward to the bottom, and then release it to activate ACC (Adaptive Cruise Control) function.


## Activating ACC

After the vehicle is started, if there is a target vehicle ahead or the vehicle speed is between 15 and 120km/h, the function can be activated, and the function can take effect within 0 to 130km/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 turn the shift lever downward to the bottom, and then release it to activate ACC (Adaptive Cruise Control) function.

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 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 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.


When the ACC (Adaptive Cruise Control) is in an override state, you can move the shift lever downward to the bottom and then release it to change the cruise speed to actual speed.

## Memory of cruise speed

If the cruise speed at which you want to enter is the previous cruise speed, you need to move the shift lever downward to the bottom for more than 1s, and then release it.

# Starting and Driving

## Adjustment of cruise distance

Short press , the following distance will be switched between Level 1 to 3 each time the button is pressed, and the current following distance can be confirmed through the display on the instrument cluster.

## Deactivation of adaptive cruise control

To manually deactivate ACC, you can pull the shift lever upward or switch gears and press the brake pedal. When ACC is exited, ACC (Adaptive Cruise Control) indicator will change from blue to grey, or ACC (Adaptive Cruise Control) indicator extinguishes.

## Restoration of adaptive cruise control

If the cruise speed at which you want to enter is the previous cruise speed, you need to move the shift lever downward to the bottom for more than 1s, and then release it.

If the vehicle cruises at the current speed, the system can be restored by enabling the ACC.

In the following cases, the system will enter the function holding state and will not restore, and the instrument cluster will provide relevant information to prompt the need of cruise restoration:

- The following/stop time exceeds 180s.
- A pedestrian is detected 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.

# Starting and Driving

## 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 front 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 motor speed is too low/too high.
- The tire lost its grip.
- The braking temperature is too high.
- The parking brake is used.
- ESP function is activated.
- AEB (Automatic Emergency Braking) function is activated.
- When ESP is turned off (i.e. when the ESP OFF button is pressed, the ESP OFF indicator on the instrument cluster illuminates, and the ESP system is turned off).
- Vehicle is collided.
- The recognition capability of the camera is deteriorated under direct sunlight or oncoming strong light.
- The camera 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, see "Camera".

# Starting and Driving

## SLIF (Speed Limit Information Function)

SLIF (Speed Limit Information Function) is to use intelligent front view camera or maps to recognize speed signs and send relevant information to the instrument cluster, in order to remind the driver of the speed limit information on the current road and prevent overspeed. In this case, the system will not actively adjust the speed, and the driver should actively control the speed.

### Function enable/disable

Set it in the central control screen: Settings -> Driving Assist -> Speed limit information function, and select: enable/disable the SLIF.

### Activation conditions

- The sensor signal is normal (camera).
- The speed limit sign is detected.
- The front view camera module at the front windscreen is not blocked/fogged, etc.

### Alarm sound settings

Set it in the central control screen: Settings -> Driving Assist -> Enable speed limit information function -> More -> Turn on or off the prompt tone.

### Message prompt

After the function is enabled, if a speed limit sign is recognized, and the current vehicle speed is less than the speed on the

speed limit sign, the instrument cluster will display the current speed limit value.

When a new speed limit sign is recognized, a "tick" reminder sound will be given first before the change of speed limit sign.

When the current vehicle speed is detected to be greater than the speed on the speed limit sign, the indicator corresponding to the speed limit sign will flash, accompanied by an audible alarm.



It indicates the speed limit value of the current road.

### Caution

When the system can not recognize the speed limit sign information ahead, the instrument cluster will not display the speed limit sign information.

The system only prompts the speed limit information, without controlling the speed of the vehicle.

The system's recognition of speed limit signs is not completely accurate. For false recognitions, the driver should drive cautiously according to the actual road conditions.

### Use restrictions

The traffic sign information function only works when the speed sign is clearly visible. It cannot work properly or may be inoperative in some circumstances. For example:

- The speed limit signs are in poor condition, such as faded, located on a curve, placed at an improper angle, rotated or

damaged, completely or partially covered, too far or too high, and attached to road surfaces.

- The detection range of the camera is blocked when the vehicle runs too close to the vehicle ahead.
- The road or speed limit is changed recently, such as construction, traffic control, etc.
- Some LED speed limit signs.
- See "Camera" for camera restrictions.
- SLIF performance is limited by map coverage, which only covers the EU region.

**Note:** *To ensure the performance of SLIF (Speed Limit Information Function), please upgrade your offline map in a timely manner so that the current time does not exceed one year after the offline map version was released. Method for viewing offline map version: Go to the Head Unit - System Information to view the offline map version number, for example, the version number EU\_AL\_20230216 indicates that 20230216 is the version release time.*

## IHC (Intelligent High beam Control)

IHC (Intelligent High beam Control) recognizes the traffic environment ahead through the front view camera, automatically controls the low and high beam switching, prevents dazzling to the vehicles ahead and oncoming vehicles, and improves the safety and comfort of the driver in the dark environment, especially at night.

### Function enable/disable

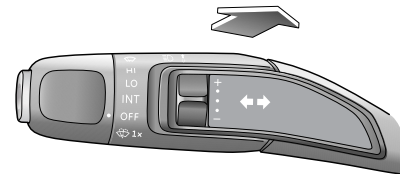
#### Function enable method

Set it in the central control screen: Settings -> Vehicle -> Lamps -> Automatic High Beam On.

#### Function disable method

The IHC can be turned off in two ways:


- Long press the lever switch of high beam headlamp and direction indicator lamp for more than 2 seconds towards the steering wheel.



# Starting and Driving

- Set it in the central control screen: Settings -> Vehicle -> Lamps -> Automatic High Beam Off.

## Activation conditions


- The speed is higher than 40km/h.
- The lamp control switch is positioned in AUTO position.
- The low beam headlamp  has illuminated.
- The front view camera module at the front windscreen is not blocked/fogged, etc.

**Note:** After activated, the function does not work temporarily when the speed is below 25km/h.


## Message prompt

After the IHC function is enabled, its working state can be observed by the IHC indicator on the instrument cluster.



When the "IHC indicator (blue)"  illuminates, it indicates that the conditions to turn on the high beam headlamp are met, and the system will automatically turn on the high beam headlamp.



When the "IHC indicator (grey)"  illuminates, it indicates that the conditions to turn on the high beam headlamp are not met, and the system will automatically turn off the high beam headlamp.

## Caution

The front view camera module is installed on the front windscreen. It should be noted that the camera's field of view cannot be blocked by objects, which will affect its function.

IHC function can not accurately perceive the surrounding environment, which may cause the incorrect adjustment of the high beam/low beam. Please observe the local traffic regulations and use the function in a reasonable manner.

IHC is only a comfort function, and the driver needs to drive cautiously when using the function.

## Use restrictions


- IHC function will be restricted by camera conditions and various restraint conditions.
- The performance of IHC will be degraded if the front view camera module has not been calibrated properly.
- The performance of IHC will be degraded by the limitation of field of view due to dust covering, rain, snow, fog, icing and other factors.
- The performance of IHC will be degraded due to the interference of the ambient light source.
- The performance of IHC will be degraded if there is any highly reflective object in the perception range of the front view camera module during driving.
- When ABS or ESC function is activated, the high beam/low beam will not be switched.

- The performance of IHC will be degraded in bad weather conditions, such as wind, sand, heavy rain and fog.
- See "Camera" for camera restrictions.

## Driver state monitoring

**Note:** *It applies to vehicles configured with driver monitoring system (DMS).*

The DMS provides the functions of driver fatigue detection, driver distraction detection, driver smoking behavior detection and driver phone use behavior detection for the driver through the cameras in the vehicle and at the inner side of A pillar as well as the "Algorithms for human face and fatigue" built in the entertainment mainframe.

Enter Settings -> Click on the driver status monitoring switch , which can control the alarm display of all functions as a whole, and can meanwhile individually control the prompts for various functional alarms.

## Driver fatigue detection

When the driver is fatigued to some extent, the DMS will estimate the fatigue degree of the driver through common fatigue behaviors such as yawning, eyes closing, etc., and conclude the fatigue degree of the driver through estimated results. If the fatigue degree exceeds a certain standard, the DMS will remind the driver through pop-up window and alarm on the instrument pack. To ensure driving safety, when the driver has fatigue behaviors, the DMS will actively activate the functions of collision assist and lane assist and adjust the sensitivity of the corresponding function. When turning off the switch for driver fatigue monitoring, only instrument pop ups and alarms will be turned off.

# Starting and Driving

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This function will work with the vehicle speed not less than 10km/h, and distinguish mild fatigue, moderate fatigue and severe fatigue.

## **Driver distraction detection**

When the driver gazes around during normal driving, the DMS will assess the overall focus direction of the driver according to the overall angle and time of head rotation or the direction and time of line of sight deviation of the driver, so as to judge the driver's distraction behavior. The system will remind the driver through instrument panel pop-up windows and alarm sounds. It should be noted that, due to existence of time assessment, observing rearview mirrors and on-board mainframe for a short period of time will not trigger the distraction detection. To ensure driving safety, when the driver has distraction behaviors, the DMS will actively activate the function of collision assist and adjust the sensitivity of the corresponding function. When the switch for driver distraction monitoring is turned off, only the instrument pop-up window and alarm will be turned off.

In addition, this function will be temporarily turned off to avoid misjudgment when it's required to call the body camera to project the scenarios to the on-board mainframe under circumstances like reversing.

This function will work with the vehicle speed not less than 10km/h.

## **Driver smoking behavior detection**

When the DMS detects the smoking behavior of the driver during driving, the driver will be reminded through pop-up window and alarm on the instrument pack. This function will work with the vehicle speed not less than 10km/h. When the switch for monitoring driver smoking behavior is turned off, only the instrument pop-up window and alarm will be turned off.

## **Driver phone use behavior detection**

When the DMS detects that the driver answers the phone with a hand during driving, the driver will be reminded through pop-up window and alarm on the instrument pack. This function will work with the vehicle speed not less than 10km/h. When the switch for monitoring the driver's phone behavior is turned off, only the instrument pop-up window and alarm will be turned off.



## Tires



### **DEFECTIVE TIRES ARE DANGEROUS!**

**Do NOT drive your vehicle if any tire is excessively worn, damaged or inflated to an incorrect pressure.**

**Do NOT overload vehicle.**

Incorrect tire inflation pressures or an unbalanced wheel and tire assembly can seriously affect the stability, especially when driving with high payloads or at high speeds. Under-inflation will increase rolling resistance 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.
- Tire under-inflation or pressure overload during driving.

Uneven tread wear can be caused by faulty wheel alignment.

## 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.

## Starting and Driving

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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

When the temperature rises above 7°C, it is recommended to replace winter tires with non-winter tires.

### Anti-skid chain

When driving a vehicle in the snow, it is recommended to apply S anti-skid chain to the driving wheels.

The anti-skid chain could increase the traction when driving on roads in winter. If you want to install the anti-skid chain, please remember that:

- 1 Not all wheels and tires are suitable for an anti-skid chain.  
When installing anti-skid chains, only approved tire size can be used.
- 2 Only apply anti-skid chain to two driving wheels. Please follow the instructions of anti-skid chain manufacturer.

It is just in the snow that you can drive the vehicle at maximum speed allowed by the anti-skid chain. Please comply with the regulatory requirements of the resident country. Remove the anti-skid chain immediately when driving on the snow-free road.

# Starting and Driving

## Loading

Each driver is obliged to ensure his vehicle is free of overload.

**Note:** *The maximum allowable total mass is indicated on the VIN Plate located at front lower of B pillar. This Handbook introduces the correct vehicle weight parameters, see “Vehicle weight parameters” in General Technical Parameters section.*

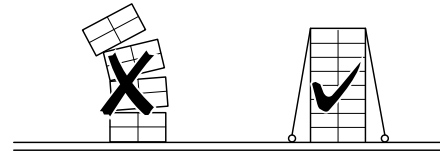
## Load carrying

Goods shall be placed between both axles and neither deviate to the front axle loading area nor the rear axle loading area. Heavier goods shall be distributed evenly, and the heaviest goods shall be placed between both axles.

## Load restraint

**!** Secure all loads in the vehicle to prevent personal injury due to movement of loads.

**Note:** *The driver is obliged to ensure all goods have been fixed correctly.*

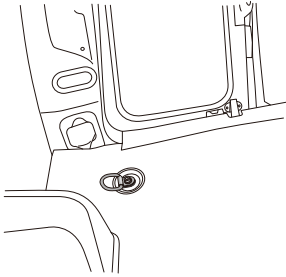


## Load restraint assemblies

**!** Load restraint assemblies, when installed, will stand out from the vehicle floor. To prevent people from tripping, it is recommended that they be removed when not needed.

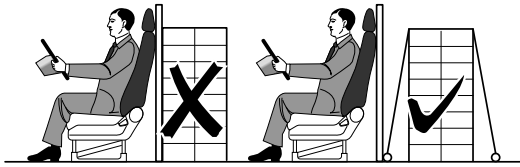
Holes of load restraint assemblies are pre-set on the van floor. Qualified load restraint assemblies can be purchased and installed from Our Service Dealer.

# Starting and Driving



## Partition

**!** As the full partition is not designed to restrain loads, loads shall be secured properly against movement even with a partition installed.



## Trailer towing

**Note:** It is applicable to the vehicle equipped with the trailer device.

The vehicles are designed for use primarily as a passenger and load bearing vehicle. Towing a trailer may create adverse effects on a number of factors including handling, durability, performance and braking. We recommend for the safety of yourself, your passengers and others that the vehicle and trailer is not overloaded.

The warranty does not cover any damages caused by or relating to towing a trailer.

- Weight limits

Establish that gross vehicle weight, trailer tow ball down load, trailer weight and axle weights are all in accordance and not exceeding their individual limits.

- Gross Vehicle weight

Please refer to your vehicles data label for reference on what gross vehicle weight must not be exceeded.

Gross vehicle weight is the combined weight total of the trailer towbar, unloaded vehicle, driver, luggage and passengers. This also includes the weight of any accessories or equipment added to the vehicle.

### Instructions before use

- The state specific trailer towing regulations must be followed.

# Starting and Driving

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- The vehicle speed should not exceed 100 km/h. The vehicle speed should not exceed 70 km/h when changing lanes or steering.
- It is only applicable to center axle trailers, and the load specified in "Recommended towing weight" shall not be exceeded when towing trailers.
- When a new vehicle has been driven or a vehicle has had powertrain parts changed to new parts, it is recommended not to tow a trailer until the driving distance reaches 800 km.
- Place the load as close as possible to the trailer axle, fix it securely and place it as low as possible, while ensuring that the towing weight and the load allowed by the tow ball are not exceeded (See "Recommended towing weight" for details). For best stability of the trailer in an unladen vehicle, place the load in the trailer towards the nose within the maximum nose load (See "Recommended towing weight" for details), as this gives the best stability.
- The specified trailer loads are only applicable to an altitude less than 1,000 m. As the air density decreases with the altitude increase, causing the drive power output and grade ability to drop, the total mass must be reduced by 10% when the altitude increases by 1,000 m.
- The tires of towing vehicle shall be adjusted to the specified pressure, and the pressure of trailer tires shall also be checked, and on the rear tire pressure, at least 20kPa(0.2bar) above the tire pressure as recommended for normal use(i.e. without a trailer attached).
- If the traffic conditions behind the trailer are invisible through the standard outside rear view mirrors, two additional rear view mirrors must be installed on the reversible boom and adjusted to ensure sufficient rear view at any time.
- The headlamps shall be checked and adjusted if necessary after a trailer is hitched up.
- Always use a safety chain that is suitable for your vehicle and trailer. Have the safety chain passing through the hole at the lower part of the hitch and attach it to the trailer. The safety chain will prevent the trailer from dropping to the ground in the event that the hitch disengages. For proper use and installation, consult the trailer manufacturer.
- 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:
  - 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

- Before driving, check all the safety equipment to ensure safe operation. Ensure that the vehicle is properly maintained to avoid mechanical failure.
- Avoid non-loaded towing vehicle and loaded trailer as much as possible when driving. If it is inevitable, drive at low speed due to improper load distribution.

# Starting and Driving

- As the driving stability of towing vehicle and trailer drops with the speed increase, the speed shall be as low as possible without exceeding the specified speed limit under the improper road, weather and strong wind conditions, especially when driving on a slope.
- When the trailer sways, grip the steering wheel firmly to drive straightforward, and release the accelerator pedal to decelerate the vehicle slowly. Do not attempt to eliminate sway by turning the steering wheel or by emergency braking. The higher the speed, the stronger the trailer swaying. If the sway is still not eliminated after deceleration, stop the vehicle to check if the trailer weight distribution is even and the trailer device is installed securely.
- Under any conditions, the vehicle must be decelerated immediately once minor sway is noticed on the trailer, and never try to eliminate the sway through acceleration.
- If an inertia brake is installed on the trailer, first brake slowly and then brake rapidly when braking is required. This can avoid braking impact due to trailer wheel locking. When driving on a slope, shift to a lower gear immediately to make full use of engine braking action.
- Clean, dry and flat concrete or asphalt (or similar) pavement is required for towing, and the maximum climb grade for continuous towing is 12%.

## Recommended towing weight

### Towing capacity

GVW(kg)	CVW(kg)	Payload (kg)	ATM(braked trailer)(kg)	GTM(kg)
3050	1850	1200	1500	4550
3150	1930	1220	1500	4650
3195	1930	1265	1500	4695
3010	1950	1060	1500	4510
3110	2010	1100	1500	4610

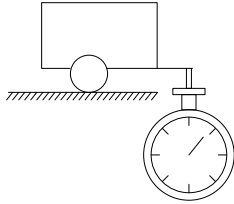
#### Caution

- The sum of gross vehicle weight (GVW) and aggregate trailer mass (ATM) shall not exceed the specified gross train mass (GTM) of the vehicle.
- ATM(unbraked trailer) is 750 kg.

### Trailer nose weight

#### Caution

Never exceed the maximum allowable nose weight, such as the vertical weight on the ball of the trailer. This is very important for the stability of the vehicle and trailer. The technically permissible maximum nose weight shall not be less than 4% of ATM and not be less than 25 kg. The maximum nose weight is  $\leq 10\% \text{ *ATM}$ .



Variant	Maximum nose weight
All models	100 kg

## Installation of trailer device

The class of the coupling ball is A50-X. Users can match and install the corresponding trailer according to their needs. If you need to install trailer devices, please contact our Service Dealer.

## Maintenance

If the vehicle is often used to tow a trailer, additional maintenance shall be made in the maintenance intervals to ensure continuous satisfaction for the vehicle.





## **Emergency Troubleshooting**

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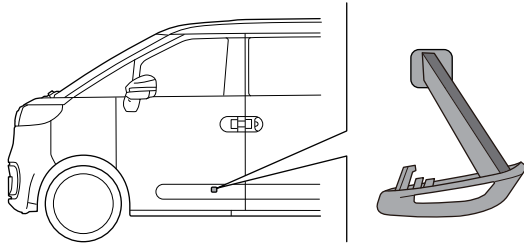
# Emergency Troubleshooting

## Emergency Door Opening or Closing

### Manually unlock and lock the driver door

When the vehicle is powered off or the doors can not be unlocked or locked electronically, the driver door can be unlocked and locked manually.

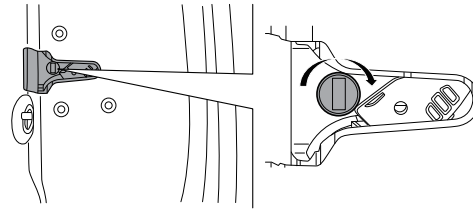
- 1 The door lock cylinder is located at the lower trim panel of driver door; pry off the gap on the trim panel to expose the lock cylinder.
- 2 Use a key to manually lock and unlock the driver door through the driver door lock cylinder.



### Manually lock the front occupant door and side sliding door

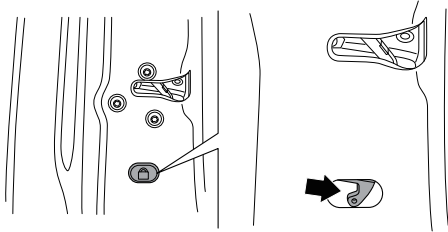
When the vehicle is powered off or the doors can not be locked electronically, the front occupant door and side sliding door can be locked manually.

#### *Emergency locking of front doors*




# Emergency Troubleshooting

## Emergency locking of side sliding door



To open the front occupant door and side sliding door, pull the interior door handle twice to open the door.

## Hazard warning lamp

When you encounter a problem during driving and have to stop the vehicle or slow down, you shall press the hazard warning lamp switch  on the front roof vanity light, the "direction indicator (green)" on the instrument cluster will illuminate and flash, meanwhile all the turn signals flash to alert others and make the police know you are in trouble.

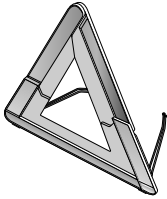


# Emergency Troubleshooting

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## Warning triangle

The warning triangle is located under the front passenger seat. When you encounter a problem during driving and you have to pull the vehicle over, if the situation permits, on the conventional road, please place a warning triangle about 50 - 150m right behind the vehicle to alert vehicles behind; On highways, a warning triangle should be placed about 150m right behind the vehicle; in rainy and foggy day with low visibility, place the warning triangle about 200m right behind the vehicle, to alert vehicles behind.



## Replacing wheel

### Jack

#### Location

The jack and the vehicle tool are placed under the front passenger seat.

#### Specification

 **This jack is just for replacing wheel. Never use it for others.**

**This jack is just for your vehicle and never uses it for other models.**

# Emergency Troubleshooting

## Spare tire

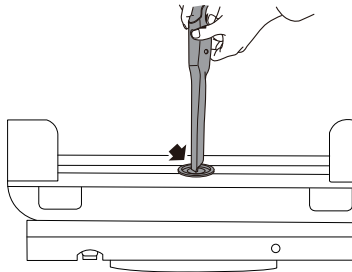
**Note:** It applies to vehicles configured with the spare tire.

**!** Check the pressure of spare tire regularly. Using spare tire of incorrect pressure shall influence wheel stability, which may cause danger and permanent damage to the wheel.

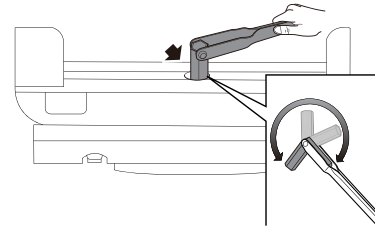
The spare tire is mounted at the rear bottom of the body; the wheel nut wrench in the vehicle tool can be used to rotate the pillar bolt of drive mechanism, thus releasing or tightening the rope for the spare tire to achieve the function of spare tire replacement.

### Removing spare tire

- 1 Take out the vehicle tool.
- 2 Release the spare tire bolt cap with the wheel nut wrench.



- 3 Insert the wheel nut wrench into the spare tire loading/unloading hole, and turn the wheel nut wrench counterclockwise to lower the spare tire until the spare tire reaches the ground.



3

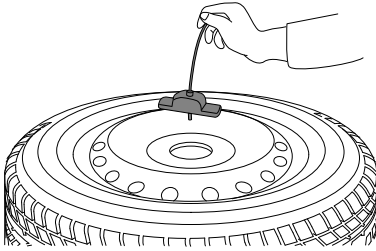
- 4 After the spare tire reaches the ground, continue to turn the wheel nut wrench counterclockwise and pull out the spare tire. Excessive rotation of the wrench is prohibited, or the spare tire will be damaged.

#### Caution

After the spare tire is lowered to the ground, the wire rope comes into the state of no load. Continue to turn the wheel nut wrench counterclockwise, and pull out the spare tire to tense the wire rope every 8 to 10 turns so as to avoid wire rope stagnation.

- 5 Remove the tray from the spare tire.

## Emergency Troubleshooting



### Caution

Be sure to fully lift and tighten the spare tire after the replacement. The replaced main tire is recommended to be temporarily placed in the compartment and contact our Service Dealer for the repair of the damaged main tire.

### Caution

After securing the wheel, check whether the wheel is installed firmly. If the wheel is loose, it may fall off owing to vibration and cause an accident.

- 4 Fasten the spare tire bolt cap.

### Storing spare tire

- 1 Put the spare tire on the ground, with the tire valve up (be careful not to reverse it).
- 2 Place the spare tire under the rear of the vehicle, 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.
- 3 Turn the wheel nut wrench clockwise until a click sound is heard, indicating that the spare tire is installed in place.

# Emergency Troubleshooting

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## Replacing tire

### Vehicle parking

 Park your vehicle in firm and level ground without disturbing traffic or traffic hazard to yourself.

If on the public road, please turn on hazard light and position a warning triangle.

Ensure that the ground where the jack 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 sloping. If jack is unsuitable to use or you are unsure to complete the task safely, please ask for assistance.

Front wheels must be straight-ahead.

Shutting down the drive motor, enable the parking brake and place the shift lever in P position.

### 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 a vehicle that is supported by a jack.

The jack shall be perpendicular to the vehicle body while lifting.

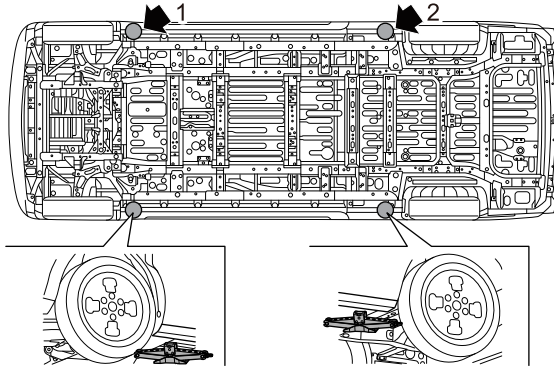
Place the jack at the skirt under the body, close to front/rear wheels, and the jacking position is below the skirt.

Please locate the jacking point near the wheels to be replaced. Place the jack directly on the solid level ground below the jacking point, and rotate the wheel nut wrench until the top of jack reaches the jacking point.

# Emergency Troubleshooting

The jacking point of the front wheel is at the bulged position below the first plug behind the front wheel, see (1) in the figure.

The jacking point of the rear wheel is at the first bulged position on the C pillar reinforcing plate in front of the rear wheel, see (2) in the figure.



## Replacing with spare tire

**!** During the lifting, do not start the engine. Never get under the lifted vehicle.

Before removing the wheel nut, make sure the vehicle is stable and will not slide or move.

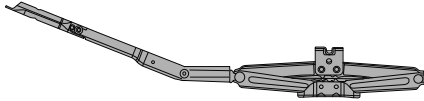
Torque wrench shall be used to check exact tightened torque of wheel nuts and tire pressure as soon as possible after replacing the wheel.

Replaced wheel, jack and vehicle tool must be stored in specified location. Otherwise they may cause damage or personal injury during impact or heavy braking if casually or improperly placed.

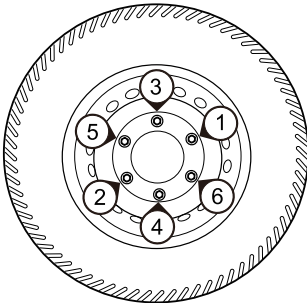
- 1 Remove the spare tire ( See “Spare tire” in this section).
- 2 Check the jack is still perpendicular to the jacking points; Change position when necessary.
- 3 Slacken the wheel securing nuts counterclockwise with the wheel nut wrench in the vehicle tool, and remove the wheel securing nuts.
- 4 Lift the vehicle with the jack. Rotate the wheel nut wrench clockwise until the required replacement wheel is just off the ground.



## Emergency Troubleshooting



- 5 Remove the fixing nuts of the wheel and carefully remove the wheel.
- 6 Replace with the spare tire and secure wheel nuts clockwise.
- 7 Lower the vehicle body and remove the jack.
- 8 Thoroughly tighten the wheel securing nuts in the diagonal sequence (as shown), with the wheel nut torque of  $180\pm 18\text{Nm}$ .



- 9 Put away the replaced wheel, wheel nut wrench, jack and vehicle tool.

10 Mount the replaced wheel into the position of spare wheel, see "Spare tire" in this section.

### Caution

Be sure to fully lift and tighten the spare tire after the replacement. The replaced main tire is recommended to be temporarily placed in the compartment and contact our Service Dealer for the repair of the damaged main tire.

# Emergency Troubleshooting

## Towing vehicle

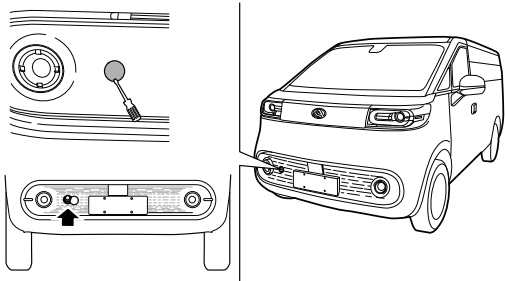
While towing or being towed, relative national regulations about vehicle towing shall be abided by.

## Towing hitch

### Front towing hitch

If it's required to tow the vehicle from the front, pry off the towing hitch cover from the lower part of front grille first, and screw the front towing hitch placed in the vehicle tool package to the right side of front bumper.

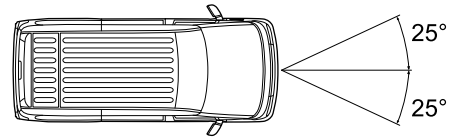
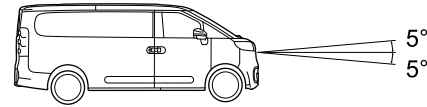
After towing the vehicle, unscrew the towing hitch and put it back to its original position, then close the towing hitch cover.



### Caution

The maximum weight the towing hitch can bear is 1/2 GVW.  
Do not tow the vehicle with a weight more than this value.

The application range of towing rope is as shown below:



# Emergency Troubleshooting

## Towing

### Before towed

**!** To ensure the steering gear can rotate freely, be sure to power on the vehicle and keep it powered on during towing process. This is to ensure the steering is unlocked, and the turn signal lamps and brake lamps can operate.

### Being towed

When the vehicle is being towed, release the parking brake and engage N gear.

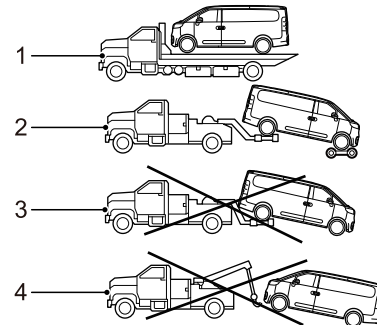
**!** There is no brake booster assist or power steering assist when the motor is not running. In this case, it requires greater effort to operate the brake pedal, and longer time and greater effort to rotate the steering wheel.

#### Caution

When towing a vehicle, be sure to lift its drive wheels off the ground, with the towing speed lower than 30km/h, the towing distance less than 50km, and the shift lever in N gear.

**!** After a severe collision, if you find it impossible to move the shift lever into N, shift from P to another gear, or turn the steering wheel, please note that the drive wheels must not be on the ground when towing. Failure to do so may lead to severe damage to the transmission and high service costs. It is recommended to tow the vehicle with a flatbed trailer. When towing, all four wheels must be off the ground.

### Recommended vehicle towing



- 1 Place the vehicle on a flatbed trailer - recommended.
- 2 Lift the rear wheels, and place the front wheels on a small trailer (off the ground) - recommended.
- 3 Towing with the front wheels rolling backwards - wrong.

# Emergency Troubleshooting

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4 Lift the body/chassis instead of the wheels - wrong.

It is recommended to tow the vehicle with a flatbed trailer. When towing, all four wheels must be off the ground.

**!** When the vehicle is pulled onto the flatbed trailer, it is prohibited to have any person or object behind the trailer, as this may lead to personal injury or death. When towing the vehicle with the front wheels lifted or on a flatbed trailer, passengers are not allowed to stay in the vehicle, otherwise an accident may occur and lead to personal injury or death.

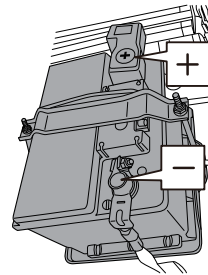
## Jump start

### Battery disconnection

**!** Always wear protective gloves and eye protecting glasses when working on a battery.

Do not use naked light, cause sparks or smoke in the area of the battery. You can be seriously injured and the vehicle damaged.

To disconnect battery, disconnect negative (-) earth terminal first and then positive (+). To connect battery, install and secure positive cable (+) first and then negative (-) cable. Smear the terminals with petroleum jelly.



# Emergency Troubleshooting

## Caution

Before disconnecting the battery, always shut down the motor 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 (12V) and the jumper cable is acknowledged as the cable used for 12V vehicle battery.**

## Jumper

- Pull two vehicles together as possible.
- Shut down the motor and all electric equipment.
- Connect the positive terminals (+) of two batteries with red jumper cable.
- Connect black jumper cable from power supplying battery negative terminal (-) to earth point (not negative terminal) of the battery-powered vehicle that needs to be powered.
- Ensure all connection mechanisms are well connected.
- Check that the jumper cable clear of any moving parts when the motor starting.
- Check that the handbrakes of the two vehicles are applied and gear lever is in P position.

## Starting

Start the battery-powered vehicle to be powered and allow it to idle for several minutes.

- Start the vehicle whose battery needs to be powered.
- Allow the vehicle to idle for more than 2 minutes after started.

# Emergency Troubleshooting

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**Note:** *If it fails to start after several attempts, the vehicle may need maintenance.*

**Note:** *If the malfunction indicator lamp appears on the instrument cluster after starting up the vehicle, it may be due to low battery voltage. Please try to power off and power on the vehicle after the battery voltage is stable (the vehicle can be started on its own without jump start). If the malfunction indicator lamp on the vehicle's instrument cluster remains on after several attempts, the vehicle is likely to need repairing. Please contact our Service Dealer for repair.*

## Disconnecting

- Shut down the engine or motor of the vehicle.
- Ensure the cable terminals shall not contact with each other.
- Remove the jumper cable. Removal is the reverse of connection.

## Fuse replacement

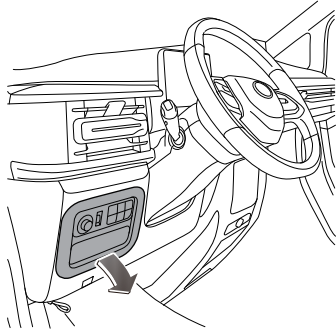
Fuses of this vehicle are located in three boxes.

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, please see actual state of your vehicle. The corresponding components are provided only when the actual vehicle is configured with the functions. Otherwise, the components are not provided.

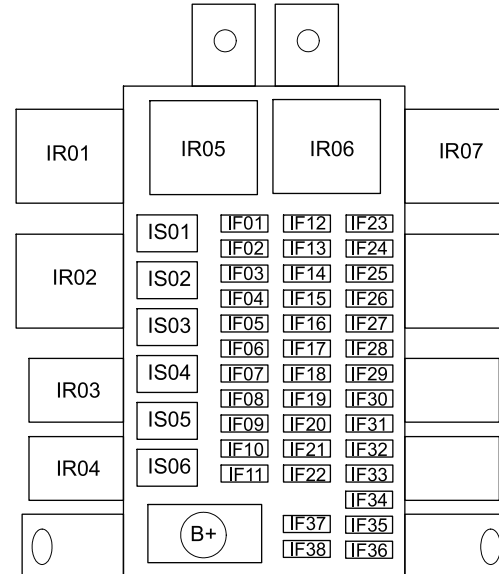
# Emergency Troubleshooting

## Driver compartment fuse box

Driver compartment fuse box is located behind the fascia console switch at driver side.



Fuses in the driver compartment fuse box can be identified by the label on the back of lower storage box cover at driver side.



3

### Specification

Code	Specification	Function
IF01	30A	Trailer connector/trailer module
IF02	30A	Trailer module
IF03	/	Reserved

## Emergency Troubleshooting

Code	Specification	Function
IF04	7.5A	A/C controller/rear A/C switch/front and rear blowers/rear defrost relay coil
IF05	20A/25A	Radio cassette player/entertainment mainframe
IF06	/	Reserved
IF07	15A	Traction battery
IF08	10A	Intelligent gateway/instrument cluster/TBOX
IF09	10A	Airbag control unit
IF10	7.5A	Alcolock controller/front view camera module/ETC unit/driving video recorder
IF11	/	Reserved
IF12	20A	Door lock motor
IF13	25A	Driver window UP/DOWN switch
IF14	25A	Front passenger window UP/DOWN switch
IF15	30A	Trailer interface
IF16	7.5A	OBD
IF17	/	Reserved
IF18	/	Reserved
IF19	/	Reserved
IF20	/	Reserved
IF21	/	Reserved

Code	Specification	Function
IF22	/	Reserved
IF23	15A	12V power supply
IF24	7.5A	Driver window UP/DOWN switch/front passenger window UP/DOWN switch/IBDU (intelligent body domain controller module)/USB charger/radio
IF25	/	Reserved
IF26	20A	Cigarette lighter
IF27	10A	Airbag control unit
IF28	7.5A	Front A/C PTC/A/C controller/entertainment mainframe/rear parking radar/combination switch/rearview mirror adjustment and dimmer switch/rear A/C PTC/rear A/C switch
IF29	7.5A	Intelligent gateway/instrument cluster/EPB controller/traction battery/TBOX
IF30	7.5A	DMS camera/front view camera module/ETC unit/driving video recorder
IF31	10A	Heated exterior rearview mirror
IF32	/	Reserved
IF33	/	Reserved
IF34	/	Reserved

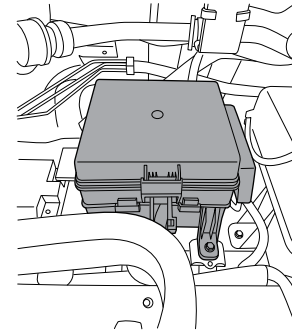


# Emergency Troubleshooting

Code	Specification	Function
IF35	/	Reserved
IF36	/	Reserved
IF37	/	Reserved
IF38	/	Reserved
IR01	40A	Rear defrost relay
IR02	40A	Rear cold air blower relay
IR03	/	Reserved
IR04	/	Reserved
IR05	40A	ACC relay
IR06	40A	Front blower relay
IR07	40A	Rear warm air blower relay
IS01	30A	EPB controller
IS02	30A	EPB controller
IS03	40A	Front blower
IS04	40A	Rear air cooler/rear warm air blower
IS05	40A	ACC relay power supply
IS06	40A	Rear window heating

## Front compartment fuse box

Front compartment fuse box is located at the right of compartment wall at the front hood bottom (viewed from the front of vehicle). Fuse can be accessed by just removing the cover of front compartment fuse box.



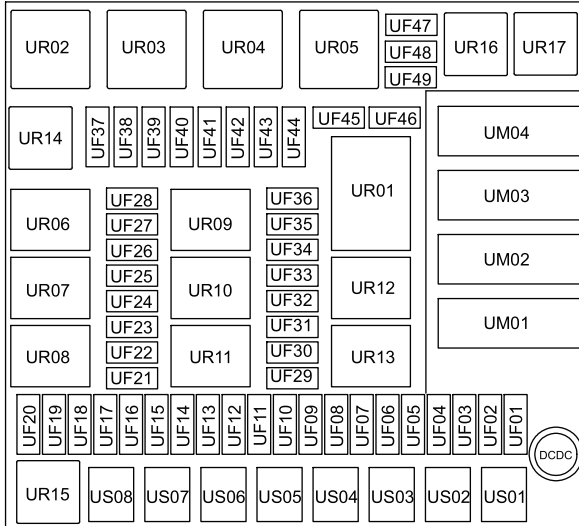
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### Caution

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.

# Emergency Troubleshooting

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
UF01	7.5A	Vehicle control unit
UF02	7.5A	Motor controller
UF03	7.5A	Compressor/six-in-one power supply (large)/six-in-one power supply (small)
UF04	25A	Front wiper motor

Code	Specification	Function
UF05	7.5A	IBDU (intelligent body domain controller module)/entertainment display/rain & light sensor/clock spring/rearview mirror adjustment and dimmer switch/RVC camera
UF06	15A	Electric horn
UF07	/	Reserved
UF08	15A	Front washer reservoir/charging lock cover
UF09	20A	Exterior lamp power supply 1
UF10	7.5A	Brake switch
UF11	20A	Exterior lamp power supply 2
UF12	10A	Left low beam
UF13	10A	Right low beam
UF14	/	Reserved
UF15	15A	Rear wiper
UF16	20A	Electric vacuum pump
UF17	20A	Exterior lamp power supply 3
UF18	20A	Exterior lamp power supply 4
UF19	7.5A	Electromagnetic expansion valve/refrigerant pipeline solenoid valve/water heater PTC
UF20	/	Reserved
UF21	15A	Vehicle control unit

## Emergency Troubleshooting

Code	Specification	Function
UF22	7.5A	Six-in-one power supply (large)/six-in-one power supply (small)/brake switch/fan/vacuum pump relay coil
UF23	10A	Motor water pump
UF24	10A	Battery water pump
UF25	/	Reserved
UF26	7.5A	ABS/ESC
UF27	7.5A	Six-in-one power supply (large)/six-in-one power supply (small)
UF28	7.5A	Vehicle controller/motor controller
UF29	/	Reserved
UF30	/	Reserved
UF31	/	Reserved
UF32	/	Reserved
UF33	/	Reserved
UF34	15A	IEC (driver compartment fuse box)
UF35	10A	Cooling fan (450W)/IBDU (intelligent body domain controller module)/low-speed alarm module/left and right front combination lamps/front millimeter wave radar/traction battery/EPS

Code	Specification	Function
UF36	30A	Trailer connector
UF37	/	Reserved
UF38	/	Reserved
UF39	/	Reserved
UF40	/	Reserved
UF41	/	Reserved
UF42	/	Reserved
UF43	/	Reserved
UF44	/	Reserved
UF45	/	Reserved
UF46	/	Reserved
UF47	/	Reserved
UF48	/	Reserved
UF49	/	Reserved
UM01	100A	Battery connector fuse
UM02	/	Reserved
UM03	100A	EPS
UM04	125A	IEC (driver compartment fuse box)
UR01	70A	Cooling fan (300W) high-speed relay
UR02	/	Reserved
UR03	40A	Cooling fan (300W) low-speed relay

## Emergency Troubleshooting

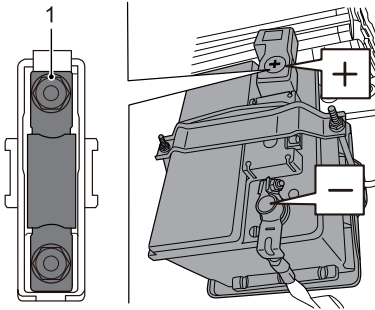
Code	Specification	Function
UR04	40A	KL87 relay
UR05	40A	IG relay
UR06	30A	Electric horn relay
UR07	/	Reserved
UR08	30A	Rear wiper relay
UR09	30A	Electric vacuum pump relay
UR10	30A	Front wiper relay
UR11	30A	Front wiper relay
UR12	/	Reserved
UR13	/	Reserved
UR14	20A	KL30S relay
UR15	/	Reserved
UR16	20A	Left low beam relay
UR17	20A	Right low beam relay
US01	40A/50A	ABS motor/ESC motor
US02	30A/40A	ABS valve/ESC valve
US03	40A	Fan low-speed (300W)
US04	30A	IG relay power supply
US05	50A	Cooling fan (450W)
US06	60A	Fan high-speed (300W)

Code	Specification	Function
US07	/	Reserved
US08	40A	KL87 power supply

# Emergency Troubleshooting

## Battery fuse box

The battery fuse box is located on the battery positive terminal.



## Specification

Code	Specification	Function
1	100A	Battery connector fuse

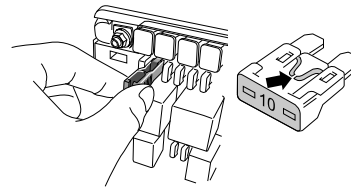
## Fuse replacement

**!** 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, the vehicle power and all electrical devices must 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).

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**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.

# Emergency Troubleshooting

## Bulb replacement

Before replacing any bulbs, turn off the power supply and light switch to prevent any possible short circuit.

When removing or installing bulbs, never touch the bulb with hands and if touched, clean hand trace on the bulb with cloth or alcohol.

### Caution

Replace with a bulb of the same category and specification as the original one.

## Bulb specification

Bulb	Specifications
Low beam/high beam (type 1)	HB3
Low beam/high beam (type 2)	LED light source
Front direction indicator lamp	PY21W
Front position lamp	LED light source
Rear direction indicator lamp	WY16W 16W
Side direction indicator lamp	LED light source
Reverse light	W16W 16W
Rear fog lamp	LED light source
Brake lamp/rear position lamp	P21/5W 21/5W
High-mounted stop lamp	LED light source
License plate lights	W5W 5W
Daytime running lamp	LED light source
Front roof vanity light	C5W
Rear roof vanity light (type 1)	C5W
Rear roof vanity light (type 2)	LED light source

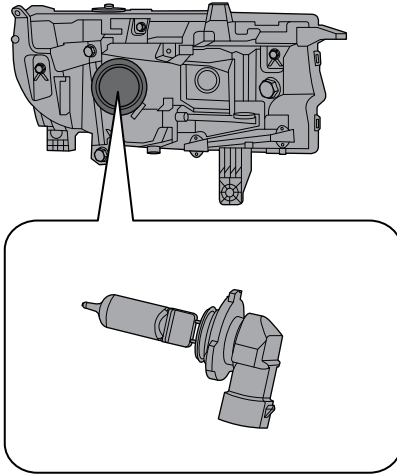
The method for bulb removal is shown below (installation of bulb is the reverse of removal, which will not be covered here). For other bulbs to be replaced but not in the list, please contact Our Service Dealer for service as soon as possible.

# Emergency Troubleshooting

## Low beam/high beam (type 1)

Open the front compartment hood, and at the rear of headlamp:

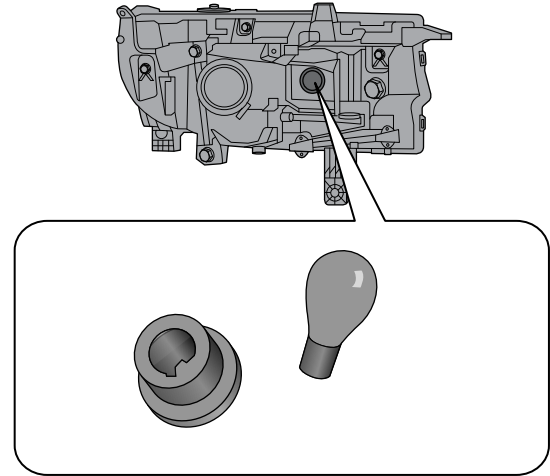
- Rotate the bulb cap counterclockwise, and remove it;
- Carefully disconnect the pin connector;
- Rotate it outward;
- Remove the bulb.



## Front direction indicator lamp

Open the front compartment hood, and at the rear of headlamp:

- Rotate lamp holder counterclockwise, and remove it together with the direction indicator lamp;
- Remove the direction indicator lamp bulb and the lamp holder.



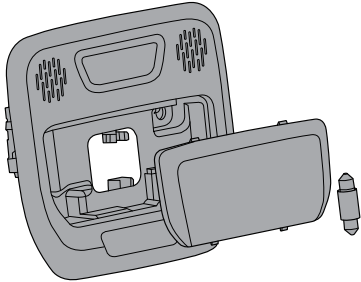
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# Emergency Troubleshooting

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## Front roof vanity light

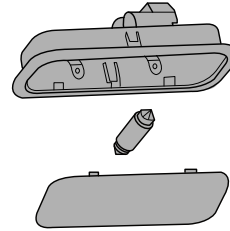
Carefully pry off the lamp shade with a screwdriver or equivalent;  
Remove the bulb.



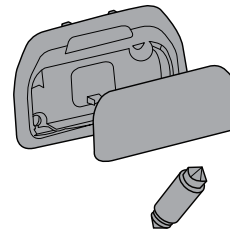
## Rear roof vanity light

Carefully pry off the lamp shade with a screwdriver or equivalent;  
Remove the bulb.

### Type 1



### Type 2





## **Maintenance and Service**

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- 170 Regular maintenance
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  - 173 Front compartment
  - 173 Coolant
  - 175 Brake fluid
  - 176 Washer fluid
  - 177 Wiper blades
  - 179 Seat belts
  - 180 Battery
  - 183 High-voltage battery pack
  - 185 Tires
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-

# Maintenance and Service

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## 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 lighting (make sure all lens are clean), horn, instrument cluster, warning lights and indicators, wipers and washers are functioning.
- The seat belts are intact.
- The brakes operates normally.
- Visually check for signs of water, fluids, exhaust and other leaks under the vehicle.

### Weekly checks or check before a long journey

- Check fluid level/refill.
  - Coolant
  - Windshield washer fluid
  - Brake fluid
- Check for condition and pressure of all tires (including the spare tire).
- Check and operate A/C system.

# Maintenance and Service

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## Harsh conditions

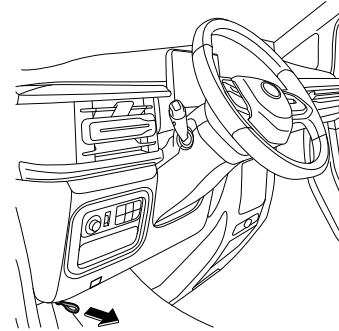
For vehicles often used in harsh conditions, it is recommended to shorten the maintenance interval.

Regular vehicle maintenance shall be done by Our Service Dealer in accordance with Warranty & Service Handbook.

## Front compartment hood

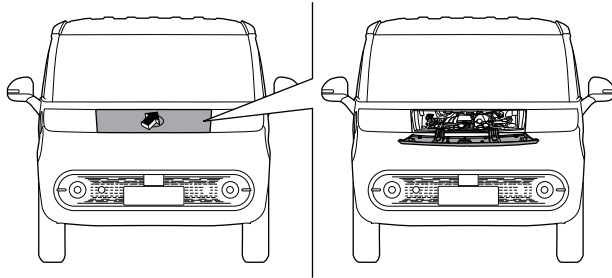
### Open front compartment hood

- 1 Pull the front compartment lid unlocking tab located under the driver's side dashboard to unlock the front compartment.



## Maintenance and Service

- 2 After unlocking, press down on the middle upper position of the front compartment lid (as shown by the arrow) to open the front compartment hood.



### Close front compartment hood

After the front hood is lifted and rotated 92° with two hands, gently press the front hood to close it.

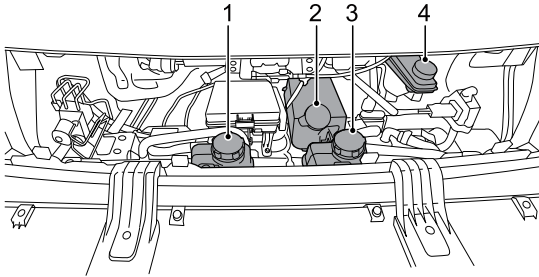
#### Caution

Before closing, check that there is no tools, rags, equipment, etc. left in the area under the front compartment hood.

#### Caution

- For safety reasons, the front compartment hood must be closed tightly before driving. Therefore, it is required to check if the latch has been inserted into the lock after closing the front compartment hood, that is, to check if the front compartment hood is aligned with the body parts.
- During driving, if the front compartment hood is found not closed completely, please pull over in a safe condition, and get off to close the front compartment hood before resuming the driving.
- When closing the front hood with force upwards, mind your hands.

## Front compartment



- 1 Electric drive system coolant reservoir
- 2 Washer fluid reservoir
- 3 Battery circulation coolant reservoir
- 4 Brake fluid reservoir

## 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.

Please add correct specification coolant. Never driving the vehicle if coolant of correct specification is not filled. Coolant specification see "Recommended fluid oil".

At specified intervals the cooling system shall be drained, flushed and refilled with the correct amount of coolant.

### 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 charged when the system is hot, wait for 10 minutes, place a thick cloth over the filler cap and turn the cap slowly anti-clockwise to release the pressure in the expansion tank before removing the cap.

Always check the coolant level with the vehicle on level ground and the coolant system stationary (cold condition).

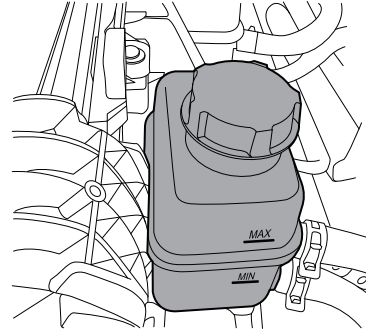
The level is visible in coolant expansion tank and normal level shall be between "MAX" and "MIN" marks.

If the level drops to "MIN" mark, clean area around the coolant expansion tank cap and then turn anti-clockwise to remove it. Top-up with the specified fluid between "MAX" and "MIN" marks. Install the expansion tank cap.

**Note:** *The coolant may expand when it becomes hot, so the liquid level may be higher than the level mark.*

### Caution

If the level has fallen appreciably, or topping-up is required frequently, suspect leakage or overheating and contact Our Service Dealer for inspection.



## Precautions for cold weather

In order to reduce possible problems which may occur in cold weather, please consider the following suggestions:

- Since the standard freezing point of the coolant used in the vehicle is  $-35^{\circ}\text{C}$  (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  $-35^{\circ}\text{C}$ .
- If you are using your vehicle in extremely cold areas where the ambient temperature is below  $-35^{\circ}\text{C}$ , please use the coolant of appropriate proportion based on the local temperature. (Refractometer T1007 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.

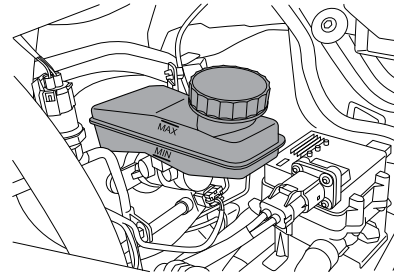
Do not allow brake fluid to contact your skin or eyes; If it does, rinse immediately with plenty of water. Keep brake fluid out of the reach of children.

### 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.

## 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 area around the filler cap and then turn anti-clockwise to remove it. Fill up specified new brake fluid between "MAX" and "MIN" marks and install the reservoir cap.



If the level falls below "MIN" mark, "brake system warning light (red)" on information cluster will light on. 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.



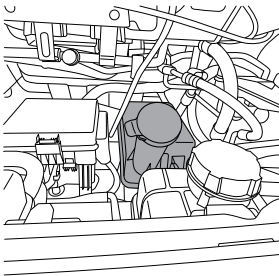
**Never discard used brake fluid casually to avoid the environment pollution.**

## Washer fluid

### Check and refill

**!** Driving with a non-operational washer system can be dangerous; always check it before driving. When refilling the washer fluid, do not let it splash onto the paint surface of body. If the washer fluid splashes onto hands or other parts of human body, immediately wash it clean with clear water.

Washer fluid is used to clean the windshield. Check the level of the water fluid on a weekly basis. When the level is too low, please refill the washer fluid. To refill the washer fluid, please open the front compartment hood, open the washer fluid reservoir lid, and then close the lid tightly after refill. For washer fluid specification please see “Recommended fluid oil” in General Technical Parameters section.



### Caution

- Do not use antifreeze or vinegar/aqueous solution in reservoir - Antifreeze can damage paint surfaces and vinegar can damage washer pump. Use the washer fluid recommended and approved by our company. The improper use of washer fluid in winter may cause freezing and damage the washer pump.
- Turning on the washer switch without washer fluid will damage the washer pump.
- When the windshield is dry without washer fluid, turning on the wiper will damage the windshield and the wiper blades. Please spray the washer fluid and turn on the wiper when the washer fluid is sufficient.
- It is prohibited to use windshield cleaning solutions with an ethanol content exceeding 10%. In high-temperature environments, this type of windshield cleaning solution can cause corrosion to the rear lighting fixtures, leading to cracking of the rear lighting fixtures.

### Washer nozzle

Check if the washer nozzle is clean and the direction is correct with the washer regularly. If the nozzle is blocked, insert a needle or thin wire into the hole to clear the blockage.



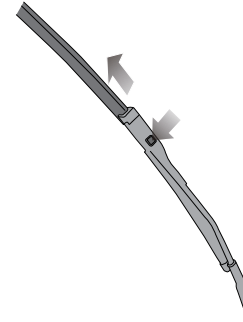
## Wiper blades

### Inspection

Inspect 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 glass.*

## Replacement of windshield wiper blade



Before the replacement of windshield wiper blade, the front wiper switch needs to be adjusted to the Service position.

Within 10 seconds after the vehicle is powered off, toggle the front wiper switch from OFF to high speed HI, and then back to OFF, so that the front wiper blades are moved to the highest point (Service position), and then lift the wiper arm from the windshield, so that the blade is at about 15° to the wiper arm, and then replace the blade as follows:

### Removal

- 1 Press the button on the wiper arm, and pull the upper end of the blade outward to disengage it from the wiper arm.
- 2 Remove the blade from the wiper arm, and discard it.

# Maintenance and Service

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## **Installation**

- 1 Put the fitting of the new wiper blade into the slot of the wiper arm.
- 2 Push the blade towards the arm until the wiper blade is fully engaged. Ensure the wiper blade is properly secured on the arm.
- 3 Place the wiper assembly back to the windshield.

Caution
Within an ignition cycle (vehicle powered off→vehicle powered on or start→vehicle powered off is a ignition cycle), the front wiper service function can be used only once.

## **Replacement of rear window wiper blade**

**Note:** *It applies to vehicles configured with the rear window wiper and washer.*

### **Removal**

- 1 Rotate the wiper blade on the wiper arm.
- 2 Slide the wiper blade downward along the wiper arm while pressing the retaining clip to remove it.

### **Installation**

- 1 Slide the wiper blade into the arm till the retaining clip is engaged to install the wiper blade.
- 2 Locate the wiper blade to the liftgate rear window.

## **Maintenance**

Wash with high-quality cleaner or neutral detergent and wipe it clean with a dry, soft cloth that is free of lint.

## Seat belts

### Inspection



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 the seat belt with a sponge dipped with warm water and mild soap; it can be naturally dried, and must not be dried by direct heating or exposure under sunlight. Do not allow water to penetrate into the retractor. Never bleach or dye a seat belt as its strength may be reduced.

## Battery

Warnings and instructions for battery:



Wear goggles!



The battery acid is strongly corrosive. Ensure 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!**

Ensure 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. Ensure 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



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 motor, vehicle power supply 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 should 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 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 vehicle is powered on or the motor 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.

## Duration of storing the vehicle

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 vehicle power supply during parking, otherwise the parking time 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.**

## Maintenance and Service

Turn off the vehicle power supply 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 charging the external device, the electrodes must be connected accordingly. Do not connect the positive electrode of the battery to the negative electrode of the charging device, and do not connect the electrodes in reverse.***

### 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 vehicle power supply 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 installing the battery, please ensure that the vehicle power supply 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, turn off the vehicle power supply 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 vehicle power supply when you leave the vehicle.

## High-voltage battery pack

### Instructions and restricted conditions



**According to the characteristics of the lithium battery, the vehicle must be charged and discharged every 30 days in storage period(not limited to fast or slow charging), a long time parking easily results in damage of battery, thereby affects the running of whole vehicle. Failure to do so may result in loss or damage of the power battery, which may affect your enjoyment of the free warranty!**

Pure electric vehicle is different from the conventional vehicle, therefore it has particularity on aspects of operation, storage and maintenance, and now some cautions are informed to you.

- 1 The vehicle cannot be parked for over eight hours in a place where temperature is over 60°C. Vehicle cannot be parked for over 20 hours in a place where temperature is lower than -30°C. Vehicle shall not be parked for more than 7 days in a place where temperature is above 45°C. If it exceeds maximum limit of the storage environment of vehicle, it will directly affect performance of vehicle and lifetime of high voltage battery pack.

Vehicle cannot be parked in high-temperature places.

- 2 To better extend the service life of high-voltage battery pack, it is recommended adopting slow charging. Fast charging is mainly used for emergency and long-distance driving.

## Maintenance and Service

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- 3 When using the vehicle, it is recommended to avoid frequent hard acceleration and deceleration, and choose flat and dry roads as much as possible when driving. If necessary, turning off high-power electrical appliances such as the air conditioning, or adjusting the A/C temperature to reduce the power consumed by high-power electrical appliances and to increase the driving range. Deep discharge will reduce the battery service life, shallow charge and shallow discharge will extend the battery service life. In low temperature, the available power of the high-voltage battery pack may be reduced, and the available power will decrease with the drop of temperature; when the vehicle with high power level is charged in a low temperature environment, the power may jump to 100%.
- 4 Vehicle will be kept dry and cannot be placed in damp environment for long time such as parking place with ponding. If the vehicle is immersed in water or waded into the water, it shall be parked in dry place.
- 5 When the vehicle is not used for a long time (more than 7 days), it is recommended to keep the high-voltage battery pack power at 40% ~ 60% to prolong the service life of the high-voltage battery pack; do not allow the vehicle to be parked for more than 7 days with the high-voltage battery pack power below 20%, please charge immediately when the power is below 5%, and parking for more than 12h is strictly prohibited, otherwise there may be a risk of over discharge of the high-voltage battery pack; it is recommended to use the vehicle at least once a month, and a slow full charge must be conducted every 3 months for the high-voltage battery pack, and then have it discharged to 40% ~ 60%, otherwise it may cause the high-voltage battery pack over discharge, which will lead to lower battery performance, or even damage, the resulting vehicle failure and damage will not be covered by the warranty.
- 6 Do not disassemble the high-voltage battery pack and related components for repair without approval, otherwise our Service Dealer will not fulfill the warranty terms.
- 7 It is recommended that a slow full charge is conducted for the vehicle every week or every 2,000 kilometers, waiting for active charging stop when charging to 100% power (that is, not actively stop the charging, waiting until the charging pile charges the vehicle high-voltage battery pack to the cut-off voltage and automatically stops charging).
- 8 High voltage battery pack is easily damaged at chassis position through scraping and collision. Therefore, you shall timely contact our Service Dealer if the vehicle has driven on abnormal pavement to check whether the high voltage battery pack has deformation or not and whether enclosure has crack or not.
- 9 If the vehicle encounters collision and scraping in the utilization process, the vehicle will be timely checked by our Service Dealer to confirm whether the high-voltage battery pack has deformation or not and whether the enclosure has crack or not; if serious accident occurs, after accident



has been disposed, you shall contact our Service Dealer to transfer the vehicle to our Service Dealer for check.


- 10 After a serious vehicle accident, personnel in the vehicle need leave the vehicle as soon as possible and contact our Service Dealer for disposal at once.
- 11 If the vehicle body need be repaired or painted due to damaged in an accident, you must contact our Service Dealer to avoid manual damage or fire disaster of high-voltage battery pack and relevant operation can be conducted after dismantling the high-voltage battery pack.
- 12 When the vehicle is used for the first time or re-used after parking for a long time, the instrument displayed power may have deviations, a full charge needs to be conducted for the vehicle.
- 13 In high or low temperature, prolonged charging time and weakened power performance may occur for the high-voltage battery pack, which is a normal phenomenon.
- 14 The power performance of high-voltage battery pack will be reduced under low battery condition, and the vehicle feedback performance will be reduced under high battery condition.

### Tires

 **DEFECTIVE TIRES ARE DANGEROUS! Do NOT drive your vehicle if any tire is excessively worn, damaged or inflated to an incorrect pressure.**

Frequently inspect the tires and sidewalls for any sign of distortion (bulges), cuts or wear. Gravels and other sharp objects should be removed with a suitable blunt tool. If neglected, they may work 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.

Please check the tire pressure (including spare tire) weekly, and adjust the tire pressure according to the requirements on the tire pressure identification at the front lower part of vehicle B-pillar. This Handbook introduces the correct tire pressure in cold condition, see "Wheel and tire" in General Technical Parameters section.

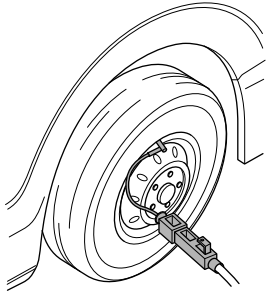
## Maintenance and Service

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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.

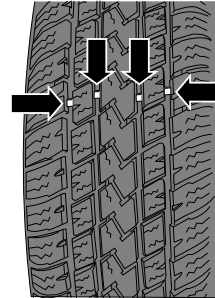
**Note:** *Specified pressure applies to a cold tire, while the pressure of hot tire should be higher.*



### Wear indicator

There are wear indicators in the tread of all original tires. When the tire has worn down until 1.6 mm of the tread is remaining the wear indicators will appear across the full width of the tread pattern.

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, badly worn tires will increase the risk of aquaplaning.

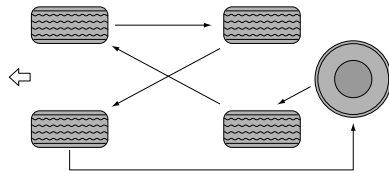


## Tire check and rotation

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



## 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.

Carefully wash the tires. 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.

Do not flush the front compartment, battery compartment and peripheral inserts with water.

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.

# Maintenance and Service

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- 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.
- 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 direct it at the door gaps, seals, electrical components or their connections.

**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.*

## Anti-corrosion of underbody

The underbody of your vehicle has been treated with anticorrosion. 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.

Use high-quality cleaner or neutral detergent rather than abrasives or chemical solvents to wash.

## Exterior trimming

Do not use chemical solvents to wipe, especially avoid using reagents containing benzene and naphtha solvents.

## **General Technical Parameters**

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## General Technical Parameters

### Major vehicle dimension parameters

Model	EVA1C	
Drive mode	Front-motor, front-wheel-drive	
Length, mm	4800	5250
Width, mm	1874	
Height, mm	1960, 2180	
Wheelbase, mm	3100	3450
Front/Rear overhang, mm	650/1050	650/1150
Front/rear track, mm	1650/1650	1650/1650
Minimum turning circle diameter, m	11.5	12.8

## General Technical Parameters

### Vehicle weight parameters

Model	EVA1C							
Maximum allowable total mass, kg	3050	3050	3010	3010	3150	3195	3110	3110
Curb weight, kg	1850	1850	1950	1950	1930	1930	2010	2010
Axle load (front/rear axle load under gross vehicle weight), kg	1197/1853	1234/1816	1172/1838	1221/1789	1297/1853	1343/1852	1273/1837	1321/1789
Number of seats	2	3	5	6	2	3	5	6

## General Technical Parameters

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### Dynamic performance parameters

Item	Parameters
Model	EVA1C
Maximum design speed, km/h	100(ECO mode) , 120 (Other modes)
Maximum gradeability, %	30
Accelerating ability (Accelerating time from 0 to 50 km/h), second	5



## General Technical Parameters

### Main parameters of drive motor

Model	TZ180XSSQC
Type	Permanent magnet synchronous motor
Rated power, kw	60
Rated speed, r/min	4980
Rated torque, Nm	115
Peak power, kw	120
Peak speed, r/min	14500
Peak torque, Nm	240
Working voltage of motor, V	340

## General Technical Parameters

### Chassis technical parameters

Item	Parameters
Front suspension	McPherson independent suspension
Rear suspension	Non independent leaf spring suspension
Requirements for aluminum wheel dynamic balance	Residual dynamic unbalance on both sides of aluminum wheel assembly is less than 8g
Reasonable free travel range of brake pedal	Within 10mm
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	Specification	Capacity
Battery circulation coolant, L	D-35(-35°C)	3.3
Electric drive system coolant, L	D-35(-35°C)	3.6
Brake fluid, L	Laika 901-4 DOT 4	0.75±0.05
Washer fluid, L	General low freezing point detergent	3
Air conditioning refrigerant, g	R-1234yf / HFC-1234yf (CF3CF=CH2) GWP=0.501	450(It applies to vehicles configured with single front air conditioning configuration) 700(It applies to vehicles configured with rear air conditioning configuration)
Reducer lubricating fluid, L	Castrol BOT 352B1BEV	0.7±0.05

## General Technical Parameters

### Wheels and tires

Item		Parameters	
Wheel specification		16×6J	
Tire specifications		195/65R16C	
Tire load index		104/102	
Tire speed symbol		Not less than R ( 170 km/h )	
Maximum allowable total mass, kg		≤3200	
Tire pressure (cold state)	Front wheel	Half load	350kPa/3.5bar/51psi
		Full load	350kPa/3.5bar/51psi
	Rear wheel	Half load	475kPa/4.75bar/69psi
		Full load	475kPa/4.75bar/69psi
Spare tire specifications		195/65R16C	
Spare tire pressure (cold state)		475kPa/4.75bar/69psi	

## General Technical Parameters

### Wheel alignment parameters

Item		Parameters
Front suspension	Toe-in (single side)	$0.1^{\circ} \pm 0.08^{\circ}$
	Camber	$0.5^{\circ} \pm 0.75^{\circ}$
	Camber difference	$0^{\circ} \pm 0.75^{\circ}$
	Kingpin inclination angle	$12.13^{\circ}$
	Kingpin caster angle	$4.15^{\circ} \pm 0.75^{\circ}$
Rear suspension	Toe-in (single side)	$0^{\circ} \pm 0.42^{\circ}$
	Camber	$0.333^{\circ} \pm 0.75^{\circ}$
	Camber difference	$0^{\circ} \pm 0.75^{\circ}$
	Thrust angle	$0^{\circ} \pm 0.30^{\circ}$