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

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

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

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

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

Special Announcement

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

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

Wish you a pleasant driving!

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

Contents

Contents

Contents

Contents

Contents

Contents

Introduction

About this handbook

This Handbook applies to MAXUS e DELIVER 9 series of Van and Chassis cabs.

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

This vehicle product follows enterprise standards Q31/0110000019C020 and 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

Represents described object.

Represents its direction of motion.

See

The contents are referred by the "Section" title.

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.

Vehicle identification

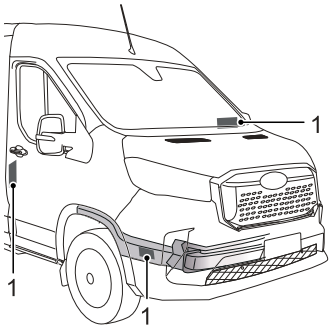
When communicating with our Service Dealer, you should provide the vehicle identification number (VIN).

Vehicle identification number (VIN)

Vehicle identification number (VIN) on the vehicle：

- On the right front longitudinal beam of vehicle, in the front bumper mounting bracket area (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.

This vehicle is equipped with an OBD data link connector, located under the instrument cluster. You can contact Our Service Dealer to read VIN information from the electronic control unit with the special equipment.



1 Vehicle identification number (VIN)

Type and number of drive motor

The type and number of the drive motor are engraved on the housing of the drive motor.

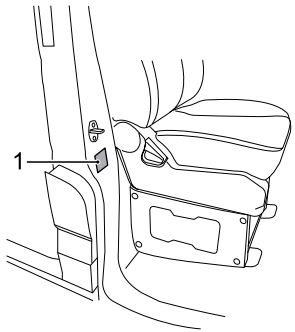
VIN plate

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 towing
- The technically permissible maximum mass on each axle listed in order from front to rear

Location of VIN plate

The VIN plate (1) is located at the front of the right B pillar.



Instructions for using electric vehicle

Ambient temperature for using vehicle

The working performance of high-voltage battery pack of vehicle power system is related to the ambient temperature, therefore it is recommended that the vehicle should be used within the temperature range of -15℃ ~ 45°C, to ensure that the vehicle is at the best working state, and meanwhile extend the service life of high-voltage battery pack. High or low temperatures can affect the performance of the high-voltage battery pack and the vehicle.

Driving range

Driving range depends on the battery capacity available to the vehicle, the age of the vehicle (service life of the current battery), weather, temperature, road condition, driving habits, etc. Please note:

- Driving range is related to the depth of discharge (DOD). To avoid high DOD affecting the performance of high-voltage battery pack, it is recommended that you recharge the battery in time upon seeing the illuminated "high-voltage battery pack low battery warning light" on the instrument cluster.
- The actual driving range decreases with the increase of the age of the vehicle.
- The use of air conditioning will reduce the driving range.
- The driving range varies with the speed.
- When the vehicle is used at low temperatures, the driving range will be reduced due to temperature characteristics of the battery.
- In the case of extreme temperatures and low battery, weak acceleration or lack of power may occur due to battery characteristics. Driving range can be increased by:
  - Having the vehicle maintained regularly;
  - Maintaining proper tire pressures;
  - Using the vehicle as few as possible at high or cold temperatures.
  - Charging the battery at once after the vehicle is stopped in winter;
  - Lightening the load by removing unnecessary items;
  - Turning off high-power electrical equipment such as the air conditioning, or adjusting the heating or cooling base temperature as necessary to minimize the energy consumed by high-power electrical equipment and increase the driving range.
  - Closing the windows under the condition that the vehicle is running at a high speed, so as to reduce air resistance and power consumption.
  - Keeping a steady speed.
  - Depressing the accelerator pedal as lightly as possible while accelerating.

– Releasing the accelerator pedal and not applying the brakes or depressing the brake pedal lightly during deceleration to allow the energy regeneration system to increase the driving range as much as possible.

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.

Recycle instructions for high-voltage battery packs

The high-voltage battery pack mounted at chassis position contains many lithium cells. Arbitrary disposal may cause pollution and harm to the environment. It is forbidden to dismantle and discard without approval. It will be disposed of by professional institution. Please refer to the following information or requirements for recycling. Details about recycling and disposal of high-voltage battery pack can be obtained through consulting our Service Dealer.

- Personnel requirements: Dismantling must be done by qualified professionals.
- High voltage safety: Insulation protection measures must be adopted for internal high-voltage components such as lithium batteries and high-voltage harnesses before uncovering or dismantling.
- Transportation: High-voltage battery packs are classified as Class 9 dangerous goods and must be transported by vehicles qualified for the transportation of Class 9 dangerous goods.
- Storage: The removed high-voltage battery pack should be stored in a dry, room temperature environment, away from inflammables, heat sources, water sources and other hazard sources.
- Internal composition: The high-voltage battery pack consists of a series of components such as lithium cells (batteries), circuit boards, electric wires and metal shells.

It is recommended that you hand over the used high-voltage battery pack due to vehicle scrapping or other reasons to the recycling service outlet designated by our company for disposal. Details about servicing, recycling and disposal of high-voltage battery pack can be obtained through consulting our Service Dealer.

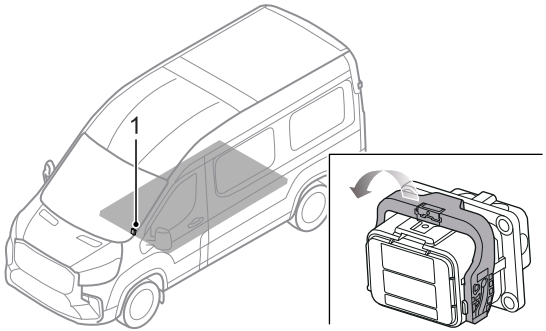
Note: In case of environmental pollution or safety accidents caused by handing over the used high-voltage battery pack to another unit or individual, or removing and dismantling the high-voltage battery pack without permission, the owner of the high-voltage battery pack shall bear the corresponding responsibilities.

High voltage system

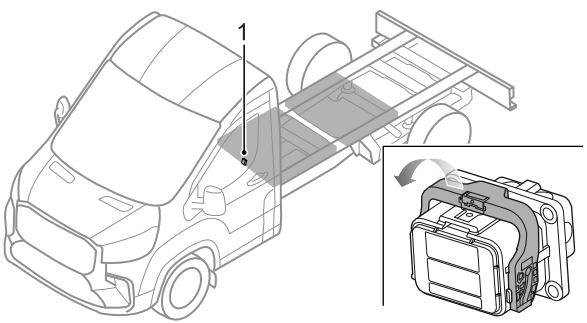
High voltage system on vehicle includes AC and DC high voltage power (can reach over 410V). High voltage power is very dangerous and may cause serious injury such as burns, electric shock and even death.

- **It is forbidden 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.**
- **Non-professional maintenance personnel are prohibited from contacting, dismantling or installing any component of high voltage system without permission.**
- **Untrained personnel are prohibited from contacting or operating the manual service switch on the high-voltage battery pack.**

Type 1



Type 2



1 Manual service switch

Instructions when accident occurs

- **Keep the vehicle in P gear, and turn off the ignition switch.**
- **If cables on the vehicle are exposed or damaged, it is forbidden to contact any cable to prevent electric shock.**
- **If fire disaster occurs, 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 ignited 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 vehicle is collided, vehicle cannot be re-started. In addition, the manual service switch will be disconnected when rescuing.**
- **When vehicle is completely or partially immersed into water, personnel will turn off the vehicle and timely escape. The manual service switch 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 of, please contact our Service Dealer.**

Instructions for mating or using of non-original vehicle high voltage appliances

When mating or using of the non-original high voltage appliances (EPTOs) , please note:

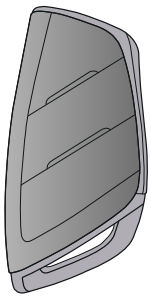
- The maximum power of the appliances should less than 5kW, and the continuous power should less than 3.5kW.
- The working voltage of the appliances should cover the battery voltage range. The current battery voltage information is shown in the table below.
- If you want the appliance work during battery charging, you should choose a charging station of 11kW or above.
- Turn off the appliances and charge the battery in time upon seeing the illuminated "high-voltage battery pack low battery warning light" on the instrument cluster.
- Shut down the appliances under low temperature conditions (<0 ℃) .

Battery Capacity, kWh	77	88.8
Voltage Range, V	208 ~ 379.6	240 ~ 438

Before You Drive

Keys

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



Note: If a key is lost, you must provide the key number on the plastic tag attached to the key, and our Service Dealer will provide the replacement. We recommend you to keep the tag attached to the key in a safe place. For the sake of safety, the key has been electronically coded with the immobilizer system and can be used with the system in the matching way only. Special procedures shall be followed to manufacture a same key with the lost one. Any uncoded key cannot start the vehicle but can lock/unlock doors.

Remote key with PEPS

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

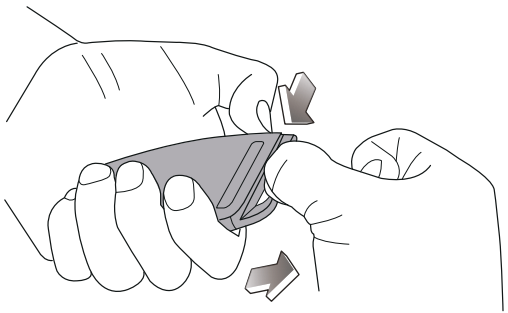
Note: The remote key has been electronically coded with the locking/unlocking system and can be used with the system in the matching way only. Special procedures shall be followed to manufacture a same remote key with the lost one. Our Service Dealer will be pleased to assist you. For further information on the use of the remote key see "Central door locking system" in this section.

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

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

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

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



Replace the battery in the remote key with PEPS

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

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

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

WARNING

To replace the battery, following procedures must be observed:

1 Press the release button on the remote key with PEPS.

2 Pull the mechanical key portion out of the key body.

3 Pry off the upper and lower panels of the body; the circuit board may fall off from the upper panel assembly when prying off 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.

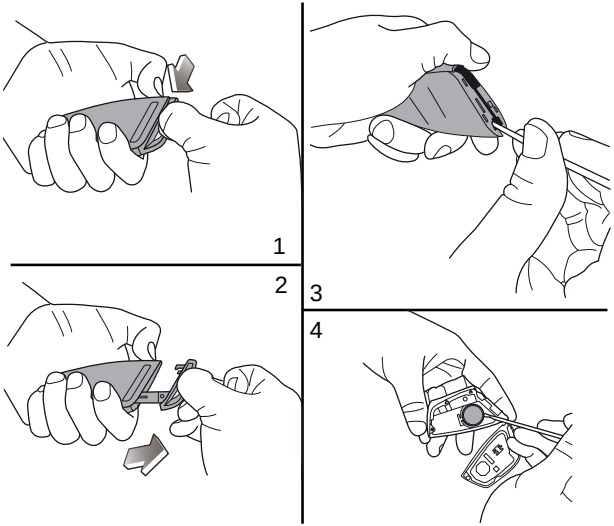
Note: It is recommended to use a CR2032 battery.

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 with PEPS. In order to prevent the key from being damaged due to misassembly or misoperation, you are recommended to have the battery replaced by Our Service Dealer.

Door locks

To protect your vehicle against theft

When leaving the vehicle with occupants inside, even briefly, always carry the key and power off the vehicle, particularly if children are left in the vehicle. They could otherwise start the vehicle or operate electrical equipment at the risk of causing an accident.

Before leaving the vehicle, fully close all windows.

Ensure all doors are fully closed before locking them.

Central locking/unlocking

All doors can be locked/unlocked from the outside with the remote control with PEPS. All doors can be locked/unlocked from the inside using central lock switch.

All doors can be automatically locked according to the vehicle speed. See “Central door locking system” in this section.

Note: When all doors are successfully locked with the remote key, all direction indicators will flash once, and the horn will sound once to indicate successful locking. When all doors are successfully unlocked with the remote key, all direction indicators will flash twice to indicate successful unlocking.

Central door locking system

Using the mechanical key portion

All doors can be locked/unlocked using the mechanical key portion to manually lock/unlock the driver door from the outside.

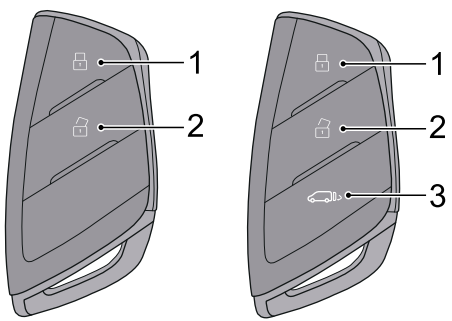
To lock, turn the mechanical key portion clockwise.

To unlock, turn the mechanical key portion counterclockwise.

Using the remote key with PEPS

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

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



1 Central locking button

2 Central unlocking button

3 Tail door unlocking button (applicable to the vehicles with tail doors)

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

Caution
The key control strategies may be different depending on the vehicle configurations. Please operate subject to the actual configuration of your vehicle.

All doors locking

Press the button (1) to lock all doors when the driver door is closed. All direction indicators will flash once and the horn will sound to indicate successful locking.

Note: If all direction indicators flash once and the horn sounds, it indicates that locking has been confirmed; if any door is not fully closed, there will be no direction indicator flashing or audible warning. Press the button (1) only after all doors have been closed.

All doors unlocking

Press the button (2) to unlock all doors. All direction indicators will flash twice to indicate successful unlocking.

Note: If no door is opened, no key is inserted into the keyhole, or no central locking/unlocking button is pressed within 30 seconds, all doors will be automatically locked again.

Tail door unlocking

Press the button (3) to unlock the tail door. All direction indicators will flash twice to indicate successful unlocking.

Note: If no door is opened, no key is inserted into the keyhole, or no central locking/unlocking button is pressed within 30 seconds, the tail door will be automatically locked again.

Using the micro switch

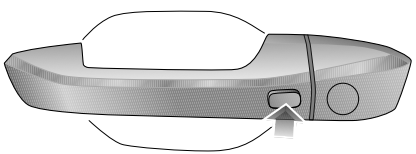
Note: It applies to vehicles configured with keyless entry function.

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

Unlock with the remote key with PEPS

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

Lock with the remote key with PEPS

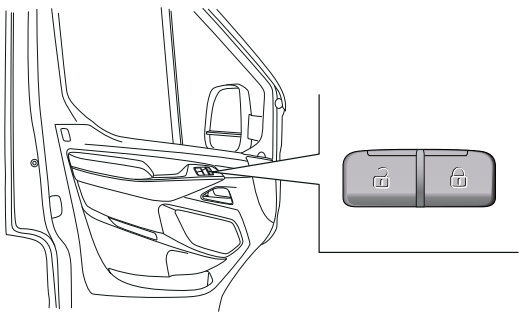


Turn off the ignition switch, leave the vehicle and close the door, then touch the micro switch on the door handle with your thumb, the door will be locked, and there is no need to press the locking button on the remote key.

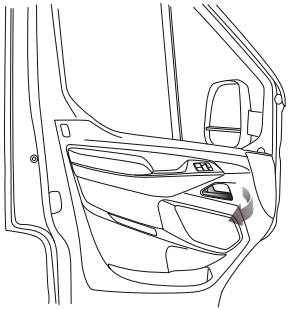
Using the central control door lock switch

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.



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

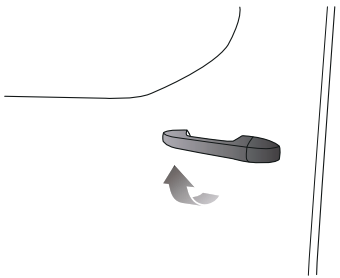
When the vehicle speed exceeds 8 km/h, all doors can be locked automatically.

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

Side load door(s)

Opening/closing the door from the outside

When opening the side load door from the outside, pull up the door outer handle to slide the side load door rearward after the vehicle is unlocked.

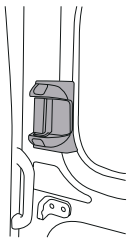


When closing the side load door from the outside, use the door outer handle to pull the side load door forward till it is closed.

Note: The locking/unlocking of the side load door from the outside can be controlled using a remote key (See "Central door locking system" in this section).

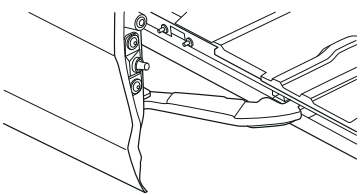
Opening/closing the door from the inside

When opening the side load door from the inside, pull up the door inner handle to slide the side load door rearward to open it after the vehicle is unlocked. When closing the side load door from the inside, pull up the door inner handle to slide the side load door forward till it is closed.



Fastening the door

Note: When the side load door is fully opened, a "click" from the rear of lower rail indicates that the side load door is fastened.

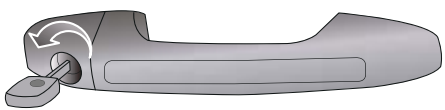


Tail door

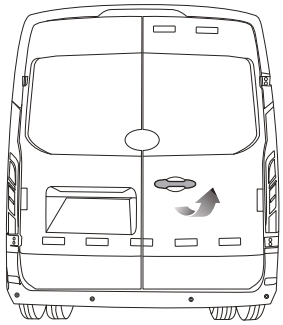
Unlocking/opening doors from the outside

When using the remote key or central control door lock switch to lock or unlock all doors, the tail door will also be locked or unlocked. After the tail door is unlocked, pulling up the outer handle of tail door can open the right hand tail door first.

To unlock manually or open the tail door from the outside, as for the vehicle with a keyhole, turn the mechanical key portion counterclockwise to unlock. If the vehicle doesn't have a keyhole, use the remote key to unlock it in an electronic form.



Then pull up the handle to open the right hand tail door first.



Pull the door handle at the side of the left hand tail door rearward to open the left hand tail door.

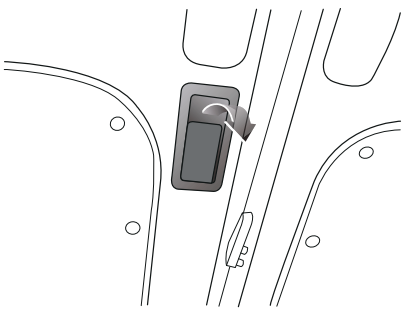
Closing/locking doors from the outside

To close and lock the tail door from the outside, shut the left hand tail door first, and push the left hand tail door to close, then close the right hand tail door.

As for the vehicle with a keyhole, turn the mechanical key portion clockwise to lock. If the vehicle doesn't have a keyhole, use the remote key to lock in an electronic form.

Unlocking/opening doors from the inside

To unlock and open the tail door from the inside, pull the inner handle at the inside of the right hand tail door rearward to unlock the right hand tail door. Then pull the door handle at the side of the left hand tail door to open the left hand tail door.



Tail door opening

The tail door hinge has its own limit function. The tail door with different opening degrees has different opening angles. The opening angles of the tail door shall be subject to the actual configuration of the vehicle you purchased.

It may then swing unexpectedly in windy conditions when the tail door is opened, and could harm passers-by or other road users or cause damage to the vehicle.

The tail doors should not be opened to its maximum opening on the public highway as they may interfere with the traffic or cause a hazard to pedestrians.

In certain positions of use the tail doors may obscure the vehicle's rear combined lights. When using the rear doors during the hours of darkness, it is advisable to warn other road users of the presence of the vehicle by means of additional precautions such as using a reflective warning triangle or similar device.

When closing the tail doors, please close the left hand tail door first, and then the right hand tail door. Do not close the left and right hand tail doors at the same time to avoid the crash of the car logo.

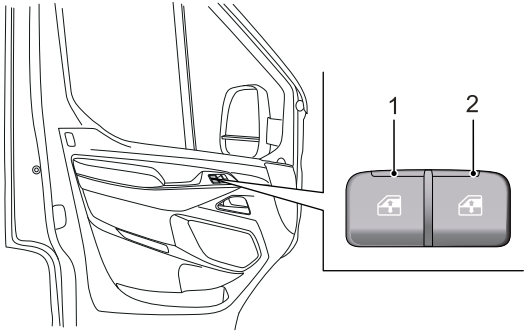
Windows

Power windows

Always remove the key if leaving children alone in the vehicle. Do not allow children to play with power window switches. A child could operate the switches and become trapped in a window causing serious injury. Always take care when closing windows. Careless operation can lead to personal injury, e.g. bruising, or trapped clothing.

Driver's door window

There are 2 window switches on the driver's door. These two switches are respectively used to control the driver's door window and front occupant door window. Press the front of the switch to open the window. Lift the front of the switch to close the window.



1 Driver's door window control switch

2 Front occupant door window control switch

"One-touch" down (auto down)

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

The switch button (1) 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.

The switch button (2) has 3 levels: namely, stroke down, stroke up and stop, which can conveniently control the window glass up/down process. During the operation, press the front of the switch to open the window, and lift the front of the switch to close the window.

"One-touch" up and down (auto up and down)

Note: It applies to the models equipped with driver/front passenger door window one-touch up/down function.

The switch button (1) and (2) 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.

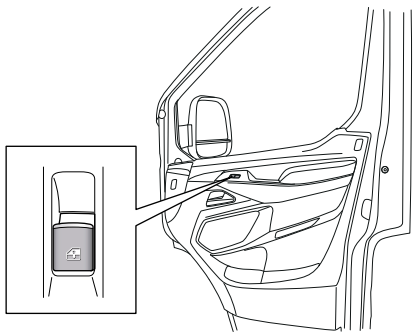
Restore Automatic Up/Down Function

If the battery cable is disconnected and then reconnected, or the battery has been drained, or the window makes 3 anti-pinch operations at the same position for 3 consecutive times during the raise, the automatic up/down function may not work, and it must be re-learned to restore this function.

Close all doors and lift the window up/down switch until the window is fully closed. After the window is fully closed, continue to lift the switch for a few seconds; press and hold the window up/down switch until the window is fully opened, after the window is fully opened, continue to press and hold the switch for a few seconds, and the automatic up/down function will resume.

Front occupant door window

There is only 1 window switch on the front passenger door, it has 3 levels: namely, stroke up, stroke down and stop, which can conveniently control the window glass up/down process. During the operation, press the front of the switch to open the window, and lift the front of the switch to close the window.



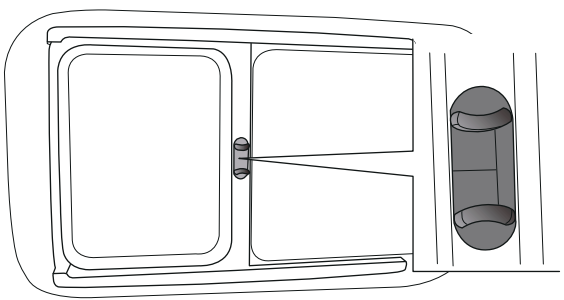
Note: Power windows can operate only when the ignition switch is in "ON" position.

Side sliding windows

When open, always ensure that the catch engages in one of the securing positions, otherwise the window might slide forward under sudden braking or in an accident and cause personal injury.

To open, squeeze the catch and slide the window to the desired position.

To close, squeeze the catch and slide the window closed. Release the catch and check that the window is secured in the closed position.

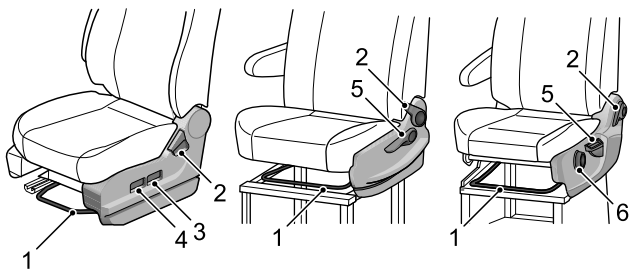


Seats

Driver and front occupant seat adjustment

Driver's seat adjustment

Do not carry out driver's seat adjustment while the vehicle is moving. Otherwise control of the vehicle may be lost and cause an accident.



Fore and aft adjustment

Lift the bar (1) and slide the seat to the desired position. Release the bar (1) and check that the seat is locked in position.

Rake adjustment of backrest

Slightly recline forward and pull up the adjuster (2); the seat backrest rebounds automatically. Then lean against the backrest to adjust it to the desired angle. Release the adjuster (2) and check that the seat back is locked in position.

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

Pad height adjustment

The front and rear of the seat pad can be adjusted independently for height. The height of the rear of the pad can be adjusted while holding up the lever (3), and the front while holding up the lever (4).

The seat pad can be adjusted for height. Pulling up the lever (5) can raise the pad, and pressing the lever (5) can lower the pad. To adjust the pad significantly, it is required to pull up or press down the lever (5) continuously.

The front of the seat pad can be adjusted independently for height by turning the knob (6).

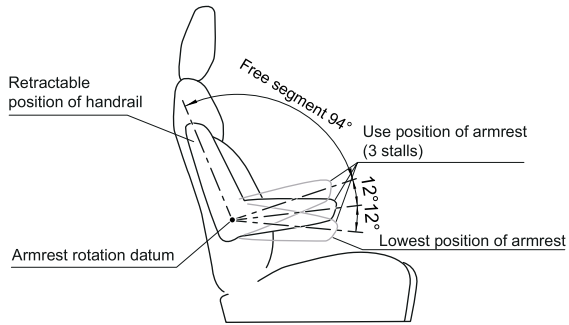
Note: When increasing the pad height, ease your body weight from the seat pad; when decreasing the pad height, press the seat pad with your body weight to lower the pad height.

Armrest height adjustment (if adjustable)

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

When it is required to lower the armrest from a higher position, it is necessary to raise the armrest to the highest position first,

then lower the armrest to the lowest position, and then adjust the armrest upwards to the desired position.



Front occupant single seat adjustment

Rake adjustment of backrest (if adjustable)

Rake adjustment of front occupant single seat backrest is the same as that of the driver's seat.

Armrest height adjustment (if adjustable)

Armrest height adjustment of front occupant single seat is the same as that of the driver's seat.

Front occupant dual seat adjustment

Rake adjustment of backrest (if adjustable)

- Split front occupant dual seat

  Adjusting the outer handle (1) of the seat can adjust the rake of the outer seat backseat; rake adjustment is the same as that of the driver's seat. Adjusting the inner handle (2) can adjust the rake of the inner backrest; rake adjustment is the same as that of the driver's seat.

- Integral front occupant dual seat

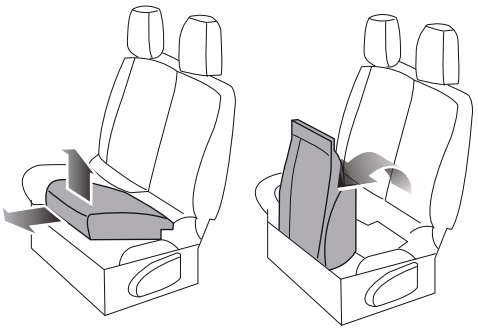
  Adjusting the outer handle (1) of the seat can adjust the rake of the dual seat backseat. Rake adjustment is the same as that of the driver's seat.
- Fixed front occupant dual seat

  The fixed front occupant dual seat backrest is not adjustable, without adjustment handle.

Pad lifting adjustment (if adjustable)

Note: It is applicable to the integral front occupant dual seat and the fixed front occupant dual seat.

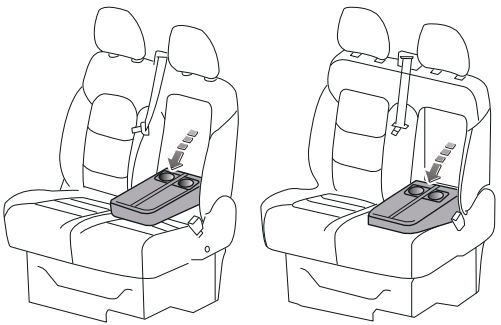
Lift the front end of the pad to release the clip, and then lift the pad completely.



Seat armrest adjustment (if adjustable)

Note: It is applicable to the integral front occupant dual seat and the fixed front occupant dual seat.

The seat armrest is located in the middle of the inner seat backrest. Pull it down and push it flat forward for use. The cup holder is located at the rear of the armrest.



Integral front occupant dual seat Fixed front occupant dual seat

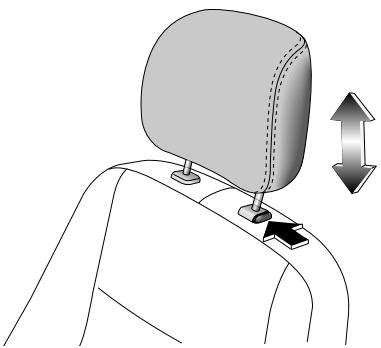
Caution
Do not sit on the seat armrest or place heavy objects on it.

Headrest

To reduce the risk of neck or head injury, the headrest should be adjusted to support the back of the head and not the neck. Do not adjust the headrest while the vehicle is in motion.

Press the arrowed button to push down or pull up the headrest to adjust the headrest to the desired position.

When pulling to a proper position, the headrest can be pulled out.



Occupant restraint system

Sitting correctly

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

- Do not position the seat nearer to the steering wheel than is necessary.
- Do not over-recline the seat. Adjust the rake of the backrest to no more than 30° angle so that you 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 fit tightly across the hips, not the stomach.

Seat belts

Improperly worn or improper use of seat belts may cause serious injury or death. Seat belts are life saving equipment. In a collision, unrestrained occupants can be thrown around inside the vehicle or possibly thrown out, resulting in injury to themselves and also to other occupants.

Seat belts must be used at all times by the driver and adult sized occupants. Do NOT slacken the webbing by pulling the belt away from the body. To be fully effective the webbing must remain tightly around the 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 person, and never use it to secure an additional object or a child. Each seat belt can only be used by one occupant. It's dangerous to wrap a seat belt around a child in the occupant arms.

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

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 buckles - such substances can render the buckles 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 belt” 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 a mild soap and water. After wear, erosion or damage of the webbing occurs, the seat belt assembly should be replaced.

The driver and front occupant seats of this vehicle series are configured with adjustable pretensioner force-limiting seat belts, and the rear seats are equipped with three-point seat belts.

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

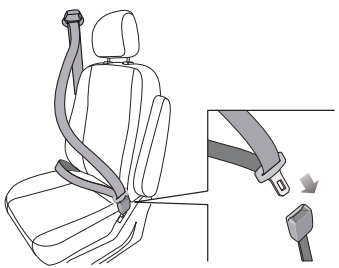
Caution
If the seat belt is pulled out too fast or the vehicle is located on the hill, the seat belt may be locked.

Seat belts

Type 1

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

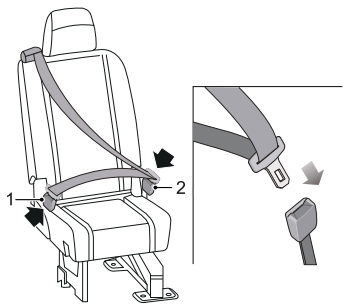
During loosening, press the red button on the buckle, then the tongue will pop out under the action of the elastic force. Push the tongue back manually, so that the automatic seat belt retractor can contract the whole seat belt more easily.



Type 2

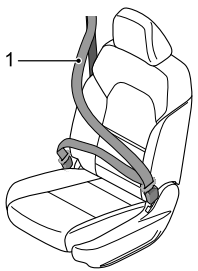
During fastening, the seat belt is pulled out slowly, the fixed tongue is pushed into the buckle (1), and the movable tongue is passed through the abdomen and pushed into the buckle (2).

During loosening, press the buttons on the buckles. Press the button on the buckle (2) first, then the button on the buckle (1).



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 warning light

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

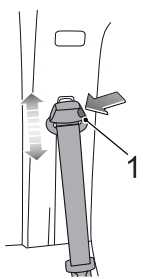
Seat belt height adjustment

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

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

Only the height of the driver seat and front occupant seat shoulder-to-hip belt can be adjusted.

Press down the button (1) and slide the seat belt top slide adjuster up or down to suit the height of the occupant. Release the button (1) at the proper position.



Seat belt pretensioner

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

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

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

Airbag(s)

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

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

Always hold the steering wheel by its rim, so that the airbag can inflate 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. It could interfere with inflation of the airbag or, if the airbag inflates, be propelled into the vehicle to cause injury to occupants.

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

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

Do not modify the seats equipped with seat airbags at will.

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

The seat belt pretensioner works together with the airbag to reduce the risk of injury in the event of a frontal 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 occupant 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 in a controlled environment. This operation must be done by professional staff.

This model can be equipped with the driver airbag, front occupant airbag, front seat side airbag and front side curtain airbag.

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

Caution
• When an airbag is triggered a loud noise may be heard and a small amount of smoke-like gas and dust will be released. This smoke does not constitute a health hazard. The dust may be an irritant to the skin and therefore should be washed off with soap and water. • For safety reasons you are recommended to have the airbag(s) renewed by our Service Dealer every 12 years. If the vehicle is sold, its owner is obliged to notify the purchaser of the cautions and warnings listed.

Airbag and pretensioner inspection

If the ignition switch is turned on, the warning light is not ON or OFF after 6 seconds, or ON when driving, it indicates that the seat belt pretensioner or the airbag is faulty. Contact our Service Dealer for service as soon as possible.

The "Airbag warning light (red)" on the instrument cluster will illuminate for 6 seconds each time the ignition switch is turned to ON position,  which indicates that the airbag and seat belt pretensioner inspection are in progress.

Airbag deployment

In case of a collision, the airbag control unit will determine if the airbag should be deployed according to the detected deceleration or acceleration caused by vehicle collision.

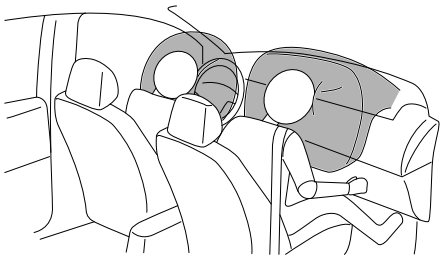
The airbag will work based on the crash object, direction, position and the vehicle speed change rather than vehicle speed. Damage severity of vehicle shall not be considered as the judgment of airbag deployment.

The airbag will deploy instantaneously and powerfully with a loud noise. The deployed airbag, together with the seat belt restraint system, limit the movement of the driver and the front occupant, thereby reducing the risk of injury to the head and upper torso.

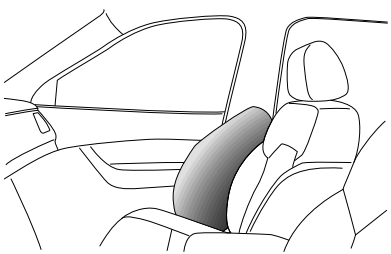
Upon deployment, the airbag will shrink immediately to ensure the driver could look forward without block.

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

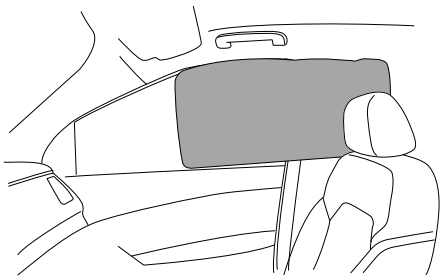
- Schematic diagram for deployment area of driver and front occupant airbags



- Schematic diagram for deployment area of front seat side airbags



- Schematic diagram for deployment area of front side curtain airbags



Front airbags

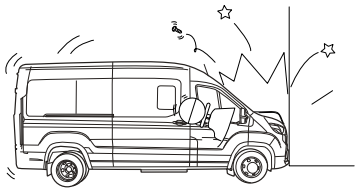
NEVER fit the child restraint system in the front passenger seat. The deployment of the front airbag may cause serious injury or even death to children.

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.

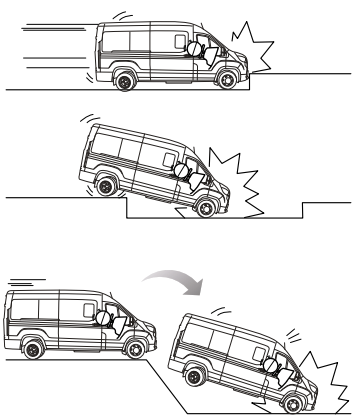
In extreme cases driving on very uneven surfaces may cause airbag deployment. Please take extra care when driving on uneven roads, so as to avoid injury due to accidental airbag deployment.

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.

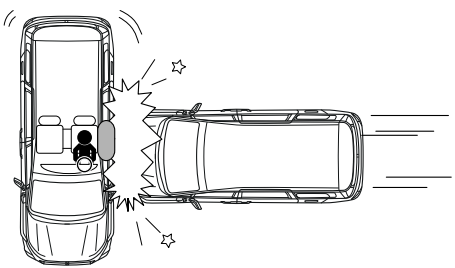


Front side airbags

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.

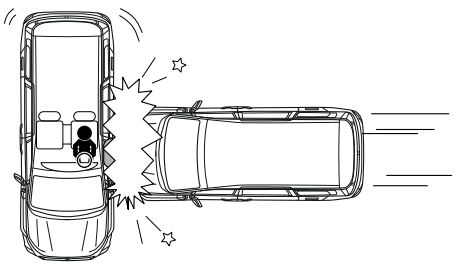
- One side of the vehicle collides with a high-speed ordinary passenger vehicle.



Front side curtain airbags

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

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



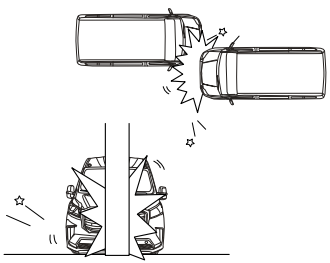
Conditions in which airbags will not deploy

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.

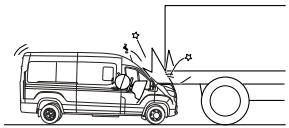
Front airbags

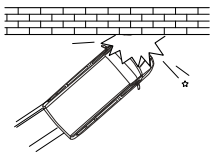
Under conditions described below or similar ones, the front airbags may not be deployed.

- 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.



- 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.



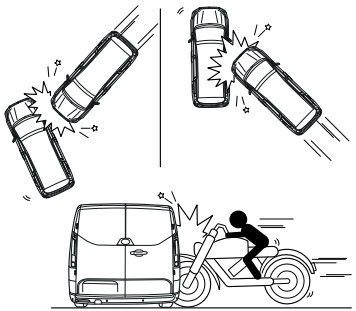


- Side or rear collision.
- The vehicle rolls over.

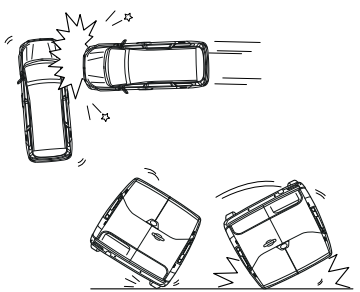
Front side airbags and front side curtain airbags

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

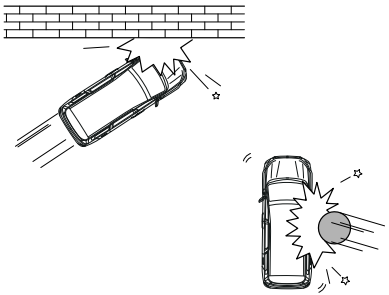
- Side collision at certain angles.
- Side collision with a motorcycle.



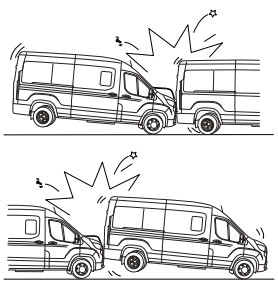
- Side collision to the front compartment of the vehicle.
- Side collision to the rear of the vehicle.
- The vehicle rolls over.



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

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

Event data recorder (EDR)

The vehicle is equipped with event data recorder (EDR). The main function of 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.

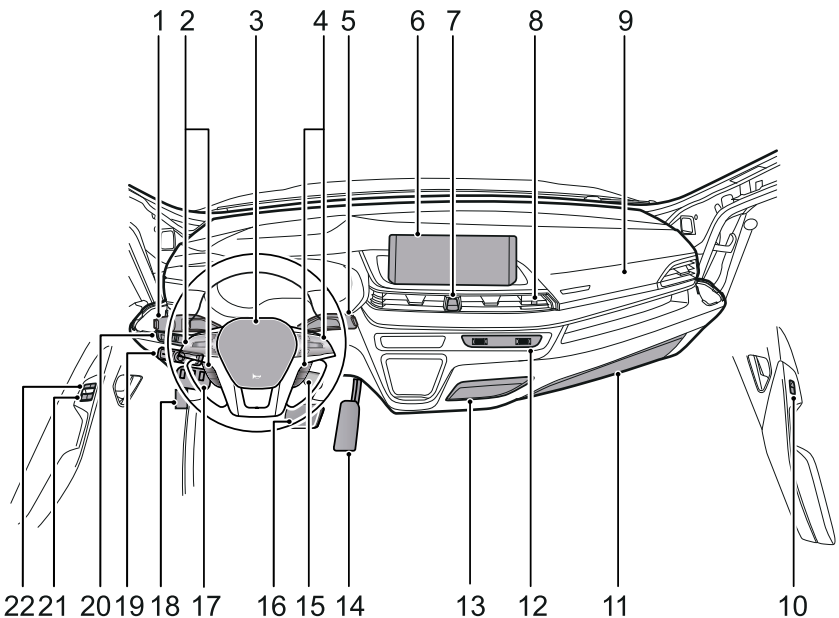
When fitting and using a child restraint, always follow the manufacturer's instructions.

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.

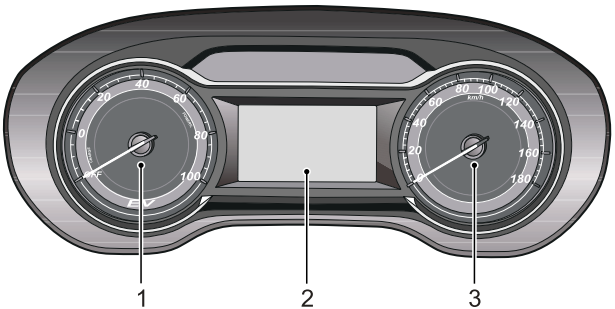
Caution
In the case the infant or child restraint shall be positioned on the front seat while the vehicle is in motion, the infant or child restraint must face forward. Ensure properly secure the infant or child restraint. Note that an unsecured infant or child restraint may move and run into other occupants 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 Wiper and washer, high beam, turn signal lever switch
2 Instrument cluster selection and cruise switch
3 Driver airbag
4 Voice control, bluetooth phone, steering wheel heating and custom settings switch
5 Shift lever
6 Entertainment system
7 Hazard warning light switch, Entertainment system HOME switch
8 USB port
9 Front occupant airbag
10 Front occupant door window control switch
11 Glove box
12 A/C control panel
13 Cigar lighter, Ashtray
14 Accelerator pedal
15 Ignition switch
16 Brake pedal
17 SOS alarm switch
18 Hood release switch
19 Exterior rearview mirror power adjustment switch, Headlamp leveling switch, Instrument cluster illumination control switch, USB port
20 EPB switch, AUTO HOLD switch, MODE (driving mode) switch
21 Driver and front occupant door window control switch
22 Central control door lock switch

Instrument cluster



1 Drive motor power percentage gauge

2 Information center

3 Speedometer

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

Drive motor power percentage gauge

Displays the power percentage of the power system.

A value below zero represents a negative percentage; a value above zero represents a positive percentage.

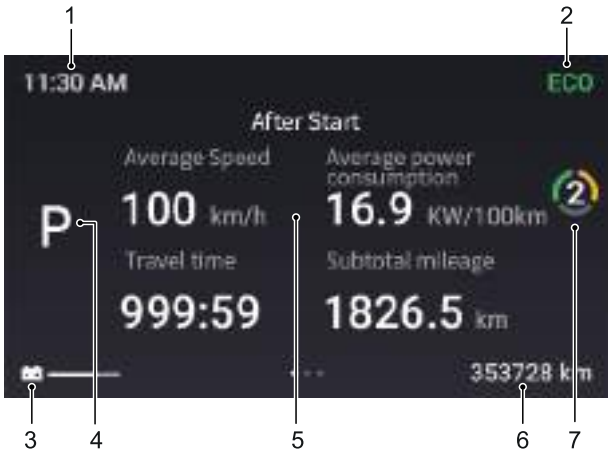
If the drive motor power percentage is displayed as a positive value, it means that the power system outputs power to drive the vehicle; if the drive motor power percentage is displayed as a negative value, it means that some of the kinetic energy of the power system is converted into electric energy.

Speedometer

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

Message center

The message center display is located in the center of the instrument cluster.



1 Current time

2 Driving Mode

It displays the current driving mode of the vehicle. The information center of the instrument pack displays: Normal(Normal Mode), ECO(Economy Mode), PWR(Sport Mode). You can switch the driving mode through the MODE switch on the console.

3 High-voltage battery Power

The status of high-voltage battery pack power is indicated by the number of lit segment bars. The segment bar lights up when the battery power is too low.

Note: Low high-voltage battery pack power may lead to failures of some functions on the vehicle.

Note: Charge the high-voltage battery pack as soon as possible when the battery power is low. Please ensure that the high-voltage battery pack stores enough power before driving. After the vehicle is fully charged, the battery management system has a self-calibration function. When you make a shallow charge to the vehicle every 2 to 3 times (not charged to 99%), you need to make a full charge to the vehicle (full charge).

4 Gear

5 Trip computer interface

6 Total mileage

7 Energy regeneration level

It displays the current energy regeneration level of the vehicle, the energy regeneration level is divided into 3 levels, namely, high, medium and low, and there will be a number displayed on the instrument pack respectively: 3, 2, and 1. High energy regeneration is greater than medium energy regeneration, and medium energy regeneration is greater than low energy regeneration. The energy recovery level can be switched through energy recovery switch on the entertainment system screen.

Short press the ❮ or ❯ button on the instrument cluster selection switch 

on the steering wheel to switch the following interface contents: ADAS (Advanced Driver Assistance System) interface (if equipped) → trip computer interface → fault inquiry interface (in case of failure).

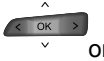
Note: If the vehicle is not equipped with the relevant function, the interface will not be displayed.

ADAS (Advanced Driver Assistance System) interface (if equipped)

It displays the relevant information of driver assistance system configured on your vehicle.

- ACC (Adaptive Cruise Control) distance display
- ACC (Adaptive Cruise Control) target vehicle speed display
- LDW (Lane Departure Warning) prompt
- SLIF (Speed Limit Information Function) prompt

Trip computer interface

Short press the ❮ or ❯ button on the instrument cluster selection switch 

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

- Mileage

  Driving mileage: it displays the estimated mileage that the vehicle can run before the electric quantity of high-voltage battery is used up.

  Note: The driving range is related to the driving conditions, vehicle status, use of accessories, etc. When the battery is low, the driving range is for reference only.

  Remaining maintenance mileage: This message reminds you of the remaining mileage of your vehicle before the next maintenance.
- Tire pressure monitoring (if available on your vehicle)

  In normal mode, it displays the current tire pressure in real time.
- Instantaneous power consumption

  It displays the instantaneous power consumption when the battery is working.
- After self-activated

  It displays the trip, average speed, driving time and average power consumption since the vehicle is powered on to start.
- After self-reset

  It displays the trip, average speed, driving time and average power consumption since the last reset.

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

Fault inquiry interface

Short press the ^ or v button on the instrument cluster selection switch 

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

Alarm messages

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

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

Important alarm messages

The currently displayed important alarm message can be temporarily canceled by short pressing the OK button on the steering wheel. It can also be viewed in the alarm query interface after canceled.

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

If all the alarm messages are canceled, the trip computer information will be displayed normally. When the conditions

of alarm activation are canceled, the corresponding alarm messages are also canceled to display.

Indicative messages

Indicative messages disappear automatically after 3 seconds.

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

Service interface reminders

Next maintenance reminder

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

Imminent maintenance reminder

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

Service now reminder

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

Maintenance overdue reminder

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

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 light (yellow)"  on the instrument cluster illuminates, and the instrument display shows the corresponding alarm interface.

Warning lights and indicators

Direction indicator

The left or right "direction indicators (green)" flash when making a turn. When the hazard 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 main 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.

When the ignition switch is turned to ON position, if 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.

Front fog lamp indicator

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

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.

Drive motor theft deterrent warning light

 When the ignition switch is turned to ON position, if the theft deterrent authentication is successful, the "Drive motor theft deterrent warning light (yellow)" goes out and the vehicle can start. If the warning light flashes, it indicates that the theft deterrent control system is faulty and the vehicle will not start. Please contact our Service Dealer for service immediately.

TPMS warning light

 When the ignition switch is turned to ON position, when the tire pressure monitoring system breaks down, the "TPMS warning light (yellow)" illuminates. Please contact our Service Dealer for service as soon as possible.

Battery no-charge warning light

 When the ignition switch is turned to ON position, the "battery no-charge warning light (red)" illuminates and goes out after the vehicle is started.

Caution
If the light fails to go out after the drive motor is started or illuminates while driving, it indicates that the charging system breaks down. Please contact our Service Dealer for service as soon as possible.

Airbag warning light

 When the ignition switch is turned to ON position, the "airbag warning light (red)" illuminates and goes out after several seconds.

If the light fails to come on or flash, or fails to go out, or if it comes on or flashes while driving, it indicates that there is a malfunction

in the system. Contact our Service Dealer for service as soon as possible.

For further information about the airbags, see “Airbag(s)” in this section.

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.

 When the ignition switch is turned to ON position, 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

 When the ignition switch is turned to ON position, if the parking brake is applied, the "brake system warning light (red)" illuminates, and goes out once the parking brake is released completely. If the light fails to go out after the parking brake is released or illuminates again while driving, it indicates that the brake system breaks down; please stop the vehicle immediately, and contact our Service Dealer for service as soon as possible.

ABS (Anti-lock Braking System) warning light

When the ignition switch is turned to ON position, the "ABS warning light (yellow)" illuminates and goes out after several seconds.

If the ABS warning light fails to go out or illuminates again while driving, it indicates that the ABS breaks down; please contact our Service Dealer for service as soon as possible.

Note: The brake system can be used even if ABS is faulty (ABS failure). See “Brake system” in Starting and Driving section for important information about ABS.

EBD (Electronic Brake Distribution) warning light

When the ignition switch is turned to ON position, if the "EBD (Electronic Brake Distribution) 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.

ESP (Electronic Stability Program) indicator

When the ignition switch is turned to ON position, the "ESP indicator (yellow)" flashes when the ESP operates normally while driving.

The "ESP indicator (yellow)" illuminates when the ESP breaks down.

Contact our Service Dealer for service as soon as possible. For further information about ESP, please see “Brake system” in Starting and Driving section.

ESP (Electronic Stability Program) OFF indicator

When the ignition switch is turned to ON position, the "ESP OFF indicator (yellow)" illuminates when the ESP function is turned off by pressing the ESP OFF switch.

EPB (Electronic Parking Brake) indicator

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

EPB (Electronic Parking Brake) malfunction indicator

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

AUTO HOLD indicator

Note: This applies to vehicles with AUTO HOLD.

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

When the ignition switch is turned to ON position and the Auto Hold enabled, when the Auto Hold function is faulty, the "AUTO HOLD indicator (yellow)" will illuminate. See “Brake system” in Starting and Driving section for more information.

EPS (Electric Power Steering) system MIL

 When the ignition switch is turned to ON position, if the "EPS system MIL (red)" illuminates, it indicates that the EPS system breaks down; please stop the vehicle immediately and contact our Service Dealer for service as soon as possible. See “Electric power steering unit” in Starting and Driving section for more information.

Power system failure warning light

 When the ignition switch is turned to the ON position, if the power system fails, the "power system failure warning light (yellow/red)" illuminates. Please contact our Service Dealer for service as soon as possible.

High-voltage battery pack low warning light

 When the ignition switch is turned to the ON position, "high-voltage battery pack low warning light (yellow)" illuminates, and goes out after several seconds. If the warning light stays on, or illuminates again during driving, it indicates that the high voltage battery pack is too low in power and needs to be charged as soon as possible. Please recharge as much as possible before the light comes on.

Note: The warning light is on to indicate that the vehicle speed limit function is enabled. The vehicle speed will decrease along with the battery power drop until it stops.

Charging connection indicator

 When the charging gun is connected to the charging port, the "charging connection indicator (red)" illuminates.

Charging status indicator

 When the high-voltage battery pack is charging, the "charging status indicator (yellow)" on the instrument pack illuminates. When the high-voltage battery pack is fully charged, the indicator goes 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.

Ready indicator

This light is used to indicate that the vehicle is ready to go. After the vehicle is started, the "READY indicator (green)" illuminates, and it will not go out during driving.

Caution
Before the "READY indicator (green)" illuminates, press the A/C switch and the A/C compressor will not work. Before the "READY indicator (green)" illuminates, do not turn on the blower control knob, and do not use headlamps, radios and other electrical appliances for a long time. There is a risk that the vehicle cannot move.

Insulation failure warning light

When the ignition switch is turned to the ON position, the "Insulation failure warning light (red)" illuminates, and goes out after several seconds. If the warning light stays on or illuminates again during driving, it indicates that there is a insulation failure, please contact our Service Dealer for service as soon as possible.

Limited power indicator

In normal driving conditions, the "Limit power indicator (yellow)" remains off. When the "Limited power indicator (yellow)" of the vehicle illuminates, the power of the vehicle will be limited, and the acceleration performance will be greatly reduced, please contact our Service Dealer for service as soon as possible.

Normal (Normal mode) indicator

When the ignition switch is turned to ON position, the "Normal indicator (white)" illuminates and the vehicle will be driven in normal mode.

ECO (Economical mode) indicator

When the ignition switch is turned to ON position, when the MODE switch is pressed once, the "ECO indicator (green)" illuminates and the vehicle will be driven in economical mode with relatively weak output power from the vehicle drive motor.

PWR (Sport mode) indicator

When the ignition switch is turned to ON position, when the PWR switch is pressed twice, the "PWR indicator (red)" illuminates and the vehicle will be driven in sport mode with relatively strong output power from the vehicle drive motor.

Cruise control indicator

Note: It applies to the vehicles with cruise control system.

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

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

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

 When the ignition switch is turned to ON position and the FCW operating, if the AEB doesn't be activated, the "FCW/AEB warning light (yellow)" flashes; if the AEB is activated, 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.

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.

 When the ignition switch is turned to the ON position, if LDW, LKA and ELK are operating, the “LDW warning light/LKA warning light /ELK warning light (white)” illuminates.

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

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 authorized service provider 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) indicator

Note: It applies to vehicles configured with ACC.

 When the ignition switch is turned to the ON position, 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) indicator

Note: It applies to vehicles configured with SLIF system.

When the ignition switch is turned to the ON position, if a traffic sign is detected, the "SLIF indicator" illuminates. See “SLIF (Speed Limit Information Function)” in the Starting and Driving section for more information.

Speed limit indicator

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

When the ignition switch is turned to the ON position, if 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.

When the ignition switch is turned to the ON position, 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.

Electric step indicator

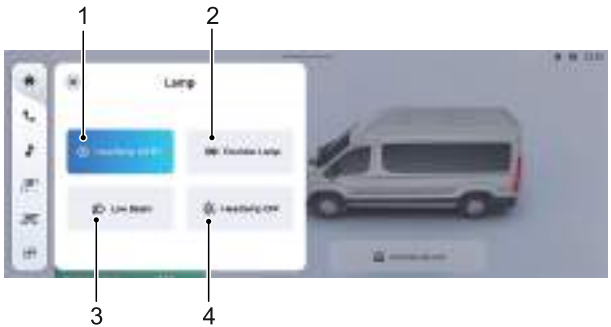
Note: It applies to vehicles configured with electric step.

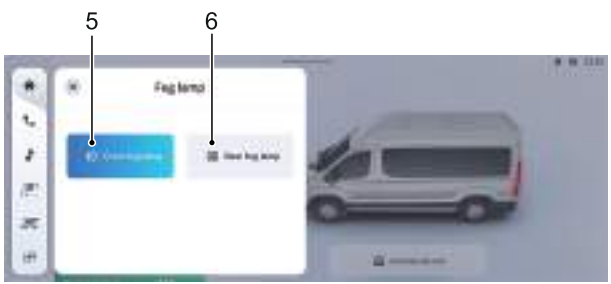

If your vehicle is equipped with electric step, when the door installed with the electric step is opened , when the electric step is in the process of extending or retracting, the "electric step indicator (yellow)" flashes and the instrument cluster activates an audible warning. When the electric step is fully extended, the "electric step indicator (yellow)" illuminates. Closing the door with the electric step installed will extinguish the "electric step indicator (yellow)". When the electric step fails to fully extend or retract, the "electric step indicator (yellow)" flashes and the instrument cluster continuously activates an audible warning. Close all doors tight before driving.

Exterior light switch

Combination light control switch

control switch Light control switch





The light control switch is on the entertainment system screen. Please operate it through the touch keys on the entertainment system screen. Click the lamp touch button, and the corresponding lamp will light up. The daytime running lights automatically illuminate after the vehicle is started.

1 Ⓐ Headlamp AUTO: Headlamp control switch. When the headlamp switch is in Ⓐ Headlamp AUTO position, the headlamps turn on or off according to the ambient lighting. The daytime running lights automatically illuminate when other lights are not lit after the vehicle is started.

2 Position Lamp: Position lamps switch. When the headlamp switch is in Position Lamp position, the following lights illuminate:

- Position lamps
- License plate lamps
- Dashboard lights

3 Low Beam: Headlamps low beam switch.

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

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

Note: Before the vehicle is powered off, if the headlamp control switch is not in Ⓐ Headlamp AUTO position, the

headlamp control switch is in ☼ Headlamp OFF position after the vehicle is powered on again.

Note: See "Switches on steering column and steering wheel" in this section for more operation methods of turn signals and headlamps.

4 ☼ Headlamp OFF: Headlamp OFF switch. Click the Headlamp OFF switch to turn off the lamp.

5 ≠D Front fog lamp : Front fog lamp switch. When the ignition switch is in the "ON" position, press the ≠D Front fog lamp switch to turn on the front fog lamp. When the front fog lamps are turned on, the "front fog light indicator (green)" on the instrument cluster illuminates. Press the ≠D Front fog lamp switch again to turn off the front fog lamp.

6 D≠ Rear fog lamp: Rear fog lamp switch. With the ignition switch is in the "ON" position, when the low beam or the high beam or the front fog lamp is turned on, press the D≠ Rear fog lamp switch to turn on the rear fog lamps. Press the D≠ Rear fog lamp switch again to turn off the rear fog lamps. With other lights turned off, press the D≠ Rear fog lamp switch, the rear fog lamps will illuminate along with the low beam. Press the D≠ Rear fog lamp switch again, the rear fog lamps will go out along with the low beam. When the rear fog lamps are turned on, the "rear fog light indicator (yellow)" on the instrument cluster illuminates.

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

Daytime running lamp

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

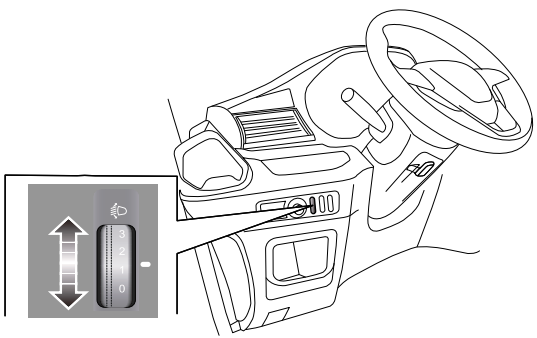
If your vehicle is equipped with daytime running lamps, the daytime running lamps will illuminate when the vehicle is powered on. The low beam, taillights, position lamps, and other lamps do not illuminate when the daytime running lamps are on. When the vehicle is powered off, the daytime running lamps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

Instrument cluster switch

Headlamp leveling switch

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

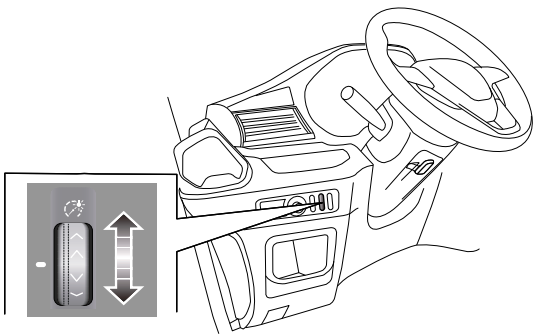
With this function, the headlamp leveling can be adjusted to the condition suitable for the vehicle driving roads. The correction of headlamp leveling can reduce the dazzling light to other drivers.



Move the headlamp leveling switch upwards or downwards to adjust the headlamp leveling. 0 position is the original position. As the vehicle loads increase, adjust the illuminating height according to the sequence of 1-2-3.

Instrument cluster illumination control switch

The instrument cluster illumination control switch is located on the instrument cluster at driver side.



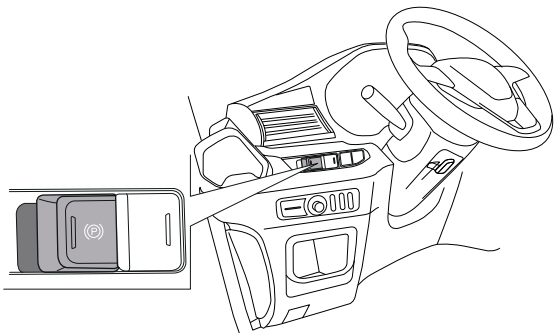
Use the instrument cluster illumination control switch to adjust the brightness of instrument cluster illumination.

Move the switch upwards or downwards to brighten or dim the illumination lamp.

EPB (Electronic Parking Brake) Switch

When the vehicle is stationary and the EPB switch Ⓟ is pulled up, the indicator lamp in the switch illuminates and the parking brake is applied. When the "EPB (Electronic Parking Brake) indicator (Red)" on the instrument pack illuminates, the parking brake is applied successfully.

When depressing the brake pedal and pressing the EPB switch Ⓟ, the indicator lamp in the switch will go out and the parking brake will be released. When the "EPB (Electronic Parking Brake) indicator (Red)" on the instrument pack goes out, the parking brake is released. See “Brake system” in Starting and Driving section for more information.

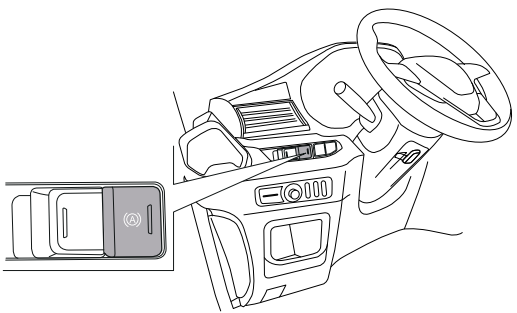


AUTO HOLD Switch

Note: This applies to vehicles with AUTO HOLD.

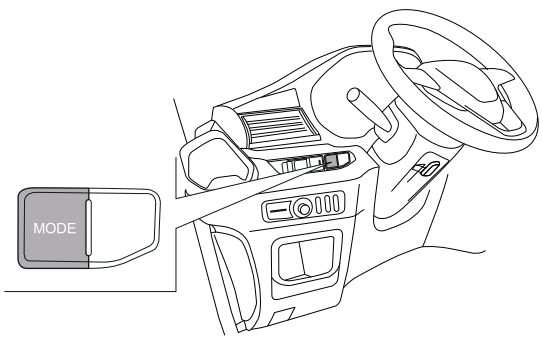
When pressing the AUTO HOLD switch Ⓐ, the indicator lamp in the switch will illuminate, and the "AUTO HOLD indicator (White)" on the instrument pack will illuminate. When the vehicle is stationary and the "AUTO HOLD indicator (Green)" on the instrument pack illuminates, the Auto Hold is operating and the driver can release the brake pedal. When pressing the AUTO HOLD switch, the indicator lamp in the switch will go out, the "AUTO HOLD indicator (White)" on the instrument pack will go out, and the Auto Hold function will be off. See “Brake system” in Starting and Driving section for more information.

Note: The following conditions should be met to turn on the Auto Hold function: the driver door is closed; the driver seat belt is fastened; the vehicle is started.



MODE (driving mode) switch

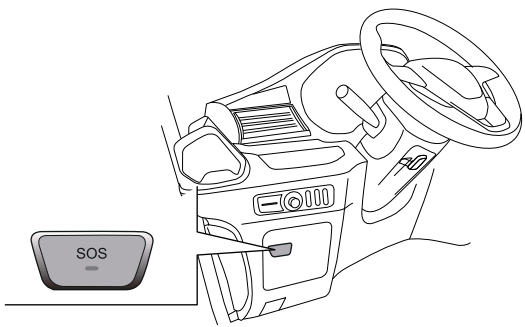
When pressing the MODE switch once, the "ECO indicator (green)" on the instrument pack will illuminate and the vehicle will be driven in economical mode with relatively weak output power from the vehicle drive motor. When pressing the MODE switch twice, the "PWR indicator (red)" on the instrument pack will illuminate and the vehicle will be driven in sport mode with relatively strong output power from the vehicle drive motor. Press the MODE switch again to restore the vehicle to normal mode.



SOS alarm switch

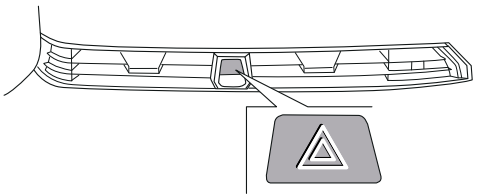
Note: It is applicable to the vehicle equipped with the SOS alarm switch.

In case of an emergency, you may press the SOS alarm switch to send signals to the monitoring platform, and the platform can carry out the subsequent assistance work.



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

Hazard warning light switch



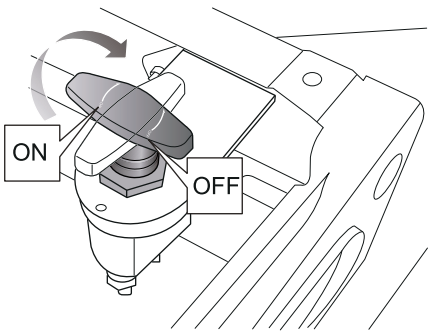
Press the hazard warning light switch⚠ to activate all the direction indicators simultaneously, and the "direction indicator (green)" in the instrument cluster will illuminate and flash. Press the switch again to turn off the above lights.

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

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

Master power switch

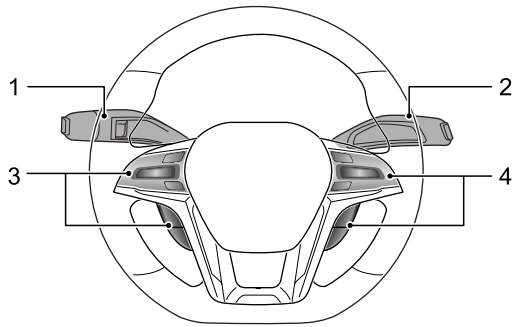
The master power switch is a mechanical power cut-off switch which disconnects the battery from all circuits. Before driving, open the door, move the driver seat forward, and turn the master power switch clockwise from the position vertical to the bracket (off state) to the position parallel to the bracket (on state). At this time, the master power supply of the vehicle is turned on.



Caution
The function of master switch is, if the vehicle is not used for a long time, disconnect the master switch to prevent the battery feed; Disconnect the master switch is not recommended when the vehicle is in the state of high voltage.

Switches on steering column and steering wheel

Type 1



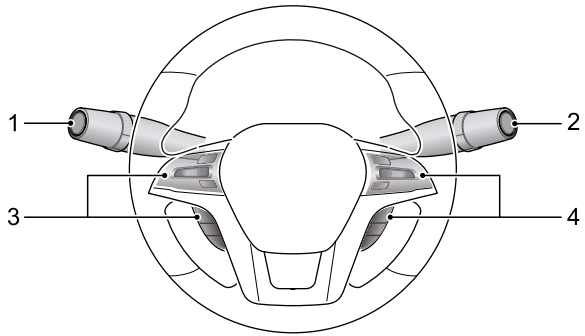
1 Wiper and washer, high beam, turn signal lever switch

2 Shift lever

3 Instrument cluster selection and cruise switch

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

Type 2



1 Combination lamp control and direction indicator stalk switch

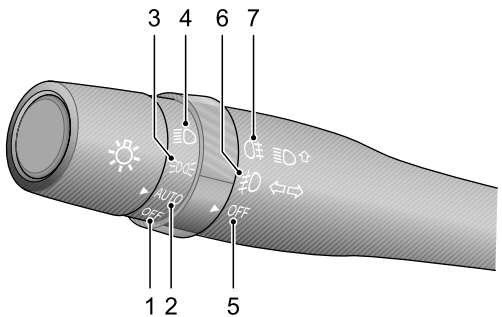
2 Wiper and washer stalk switch

3 Instrument cluster selection and cruise switch

4 Voice control, bluetooth phone, steering wheel heating and customized switch

Combination light control & direction indicator light stalk switch

Light control switch



Rotate the light control switch to the positions shown, and the corresponding light illuminates.

Position 1 - OFF: headlights off. Daytime running lights automatically illuminate after the vehicle is started.

Position 2 - AUTO: headlights automatically adjust. When the headlight switch is rotated to position 2, the headlights turn on or off according to the ambient lighting. The daytime running lights automatically illuminate when other lights are not lit after the vehicle is started.

Position 3 - : position lights on. When turning on the position lights, the following lights illuminate:

- Position lights
- License plate lights
- Dashboard lights

Position 4 - : headlights low beam on.

Note: Headlights will only operate when the ignition switch is in position "ON". If headlights are on when the vehicle is parked, the battery will discharge and the vehicle may be unable to restart due to battery lack of power. A tone will sound if the headlight switch is on when the ignition switch is turned to position "LOCK" or when the key is removed.

Position 5 - OFF: fog lights off.

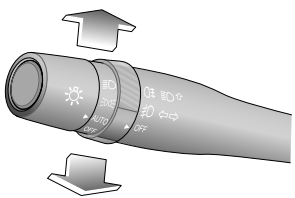
Position 6 - : front fog lights on. When the ignition switch is in position "ON", rotating the switch to position turns the front fog lights on. When the light control switch is in position "AUTO" and the switch is rotated to position, the front fog lights illuminate or go out along with the headlights according to ambient lighting. When the front fog lights are turned on, the "front fog light indicator (green)" on the instrument cluster illuminates.

Position 7 - : rear fog lights on. When the ignition switch is in position "ON" and the light control switch is in high beam or low beam or front fog lamp (if equipped with front fog lamp) on position, rotating the switch to position turns the rear fog lights on. When the light control switch is in position "AUTO" and

the switch is rotated to position, the rear fog lights illuminate or go out along with the headlights according to ambient lighting. When the rear fog lights are turned on, the "rear fog light indicator (yellow)" on the instrument cluster illuminates.

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

Direction lights and indicators

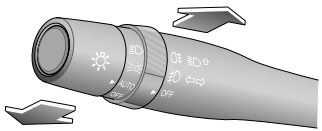


Right turn — push the lever switch upward.

Left turn — pull the lever switch downward.

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

Headlight high and low beams



Push the lever switch away from the steering wheel to change the headlights from low to high beam. Pull the lever switch towards the steering wheel to return to the low beam position.

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

Daytime running light

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

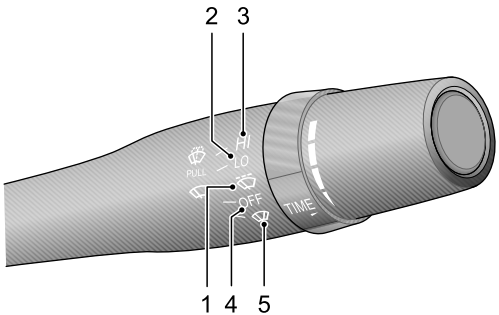
If your vehicle is equipped with daytime running lights, the daytime running lights will illuminate when the ignition switch is in position "ON". The low beam, taillights, position lights, and other lights do not illuminate when the daytime running

lights are on. When the ignition switch is in position "OFF" , the daytime running lights go out.

Comply with ECE R87 regulatory requirements for daytime running lights.

Wiper and washer lever switch

Windshield wiper and washer



Rotate the lever switch to the desired position.

Position 1 - : intermittent wipe. For vehicles equipped with automatic wipers, the rain sensor detects the rainfall on the windshield and automatically adjusts the wiping frequency of windshield wipers.

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

Position 2 - LO: low-speed wipe.

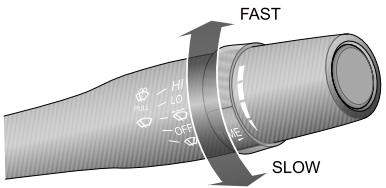
Position 3 - HI: high-speed wipe.

Position 4 - OFF: wiper off.

Position 5 - : single wipe.

Intermittent wipe/variable delay

Worn wiper blades may not clear the windshield properly, thus reducing forward visibility and be the cause of an accident. Always renew worn wiper blades immediately.



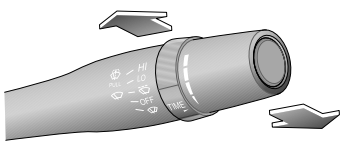
When the lever switch is in (intermittent) position, rotate the switch to vary the delay between wipes.

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.

Washers

Pull the lever switch towards the steering wheel. 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.

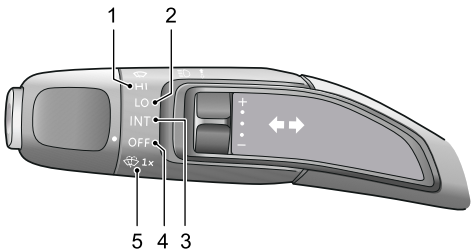
Note: The wipers will continue to operate for 3 wipes after the lever switch is released.



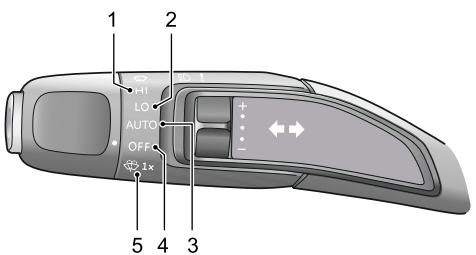
Wiper and washer, high beam, turn signal lever switch

Front windshield wiper and washer

Type 1



Type 2



Rotate the lever switch to the desired position.

Position 1–HI: high-speed wipe.

Position 2–LO: low-speed wipe.

Position 3 (type 1)–INT: intermittent wipe.

Position 3 (type 2)–AUTO: automatic intermittent wipe. The rain sensor detects the rainfall on the windshield and automatically adjusts the wiping frequency of windshield wipers.

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

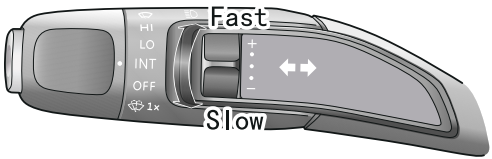
Position 4–OFF: wiper off.

Position 5–1×: 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.

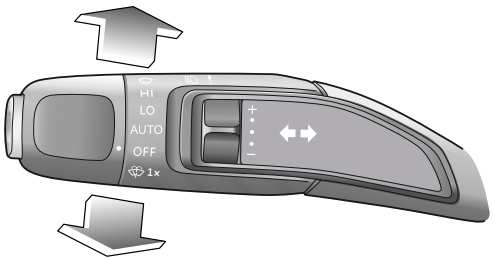


When the lever switch is in INT (intermittent wipe) (front windshield wiper and washer type 1) position, move the switch up and down to vary the interval between wipes.

When the lever switch is in AUTO (automatic intermittent wipe) (front windshield wiper and washer type 2) position, move the switch up and down to change the sensitivity of front wipers, and the rain sensor will adjust the wiping rate of front wipers.

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

Turn signals and direction indicators

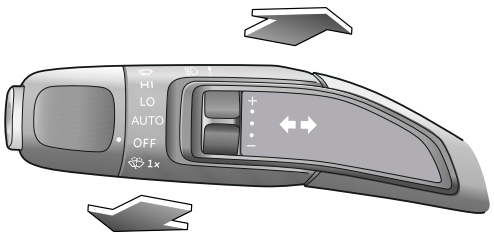


Right turn — push the lever switch upward.

Left turn — pull the lever switch downward.

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

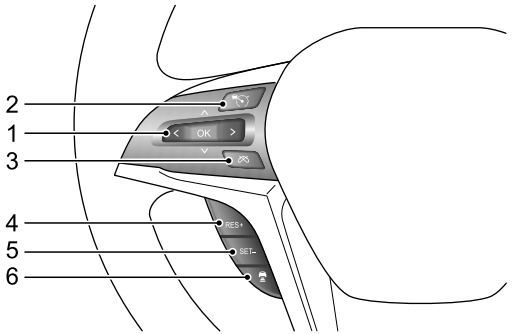
Headlamp high and low beams



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 "headlamp high beam indicator (blue)" in the instrument cluster illuminates when the headlamps are on high beam. To flash the headlamps, slightly lift the lever switch intermittently towards the steering wheel.

Instrument cluster selection and cruise switch



Position 1 - 

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

Cruise control system

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

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

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

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

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

Adaptive cruise control (ACC)

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

When the adaptive cruise control is activated:

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

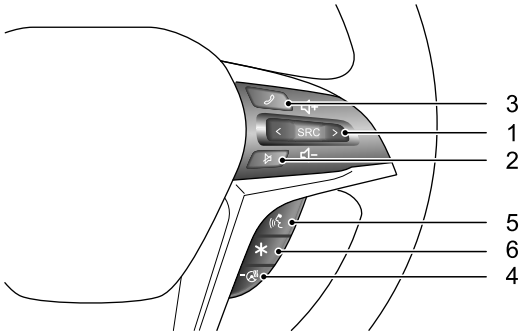
Position 4 - RES+: To increase the saved vehicle speed or re-activate the adaptive cruise control and restore the saved speed.

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

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

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

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



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

Position 2 - : Mute switch.

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

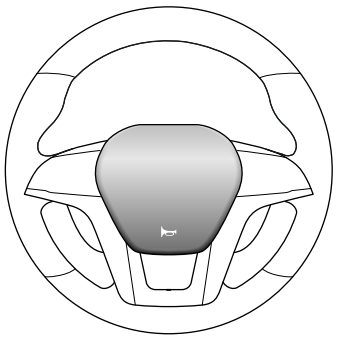
Position 4 - : Steering wheel heating switch. Press this switch to enable the steering wheel heating function, and the indicator illuminates. Press this switch again to disable the steering wheel heating function.

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

Position 6 - ✻: Custom settings switch. Press this switch to enable custom settings. Please use it in combination with the relevant functions supporting custom settings in the center console screen with Internet of Vehicles feature. For example, enter the vehicle settings, then select the steering wheel, and set the custom settings switch (enter the 360 around-view system, WeChat function). Please refer to the actual vehicle configuration you purchased for details.

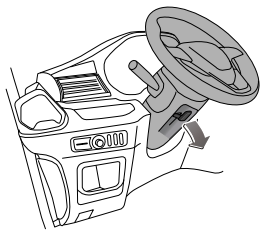
Horn

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



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 Grasp the steering wheel firmly with both hands, and move the steering wheel upwards or downwards to adjust it to a proper position;

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

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

Heating, ventilation and air conditioning (HVAC)

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

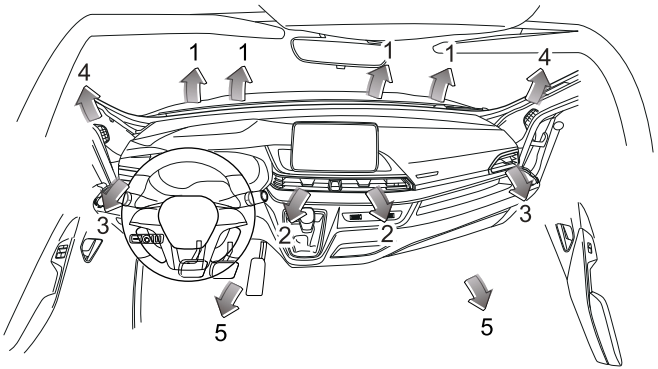
The heating system utilizes the high voltage electronic heater, so the interior air heating function can be realized only when the vehicle is supplied with a high voltage.

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

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

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

Front ventilation



1 Windshield vents

2 Central vents

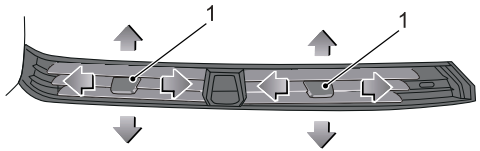
3 Side vents

4 Front door window vents

5 Front footwell vents

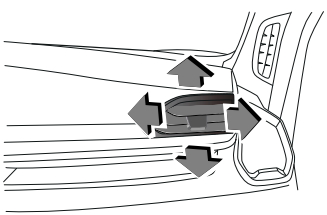
Central vents

The direction of air flow can be changed by moving the control lever (1) in the center of the grille upward, downward, leftward and rightward.



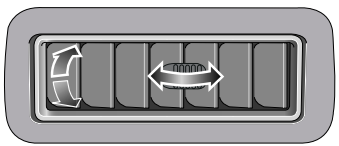
Side vents

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

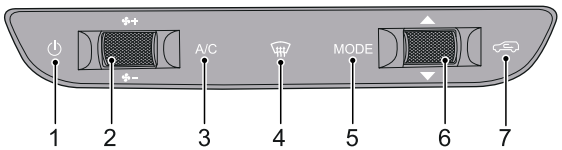


Rear ventilation

The direction of air flow can be regulated by rotating the thumb wheel back and forth or left and right. The number and location of the roof vents shall be subject to the actual configuration of the vehicle you purchased.



Manual A/C control panel



1 Power button

2 Blower speed regulating roller

3 A/C button

4 Front defrost button

5 MODE button

6 Temperature regulating roller

7 Internal/external circulation button

Power button

On/Off function.

Only when the vehicle is powered on can the A/C panel be turned on, with the character backlight ON.

Blower speed regulating roller

Adjust the blower speed.

Blower speed regulating roller has eight gears. When rotating up and down, the blower speed increases or decreases. The roller can be turned on, but cannot be turned off.

A/C button

Switch on and off the compressor.

If A/C button is pressed during power-on, the corresponding indicator will illuminate and the compressor is activated (vehicle is started); if the A/C button is pressed again, A/C indicator goes off and the compressor is turned off.

Front defrost button

Switch on the front defrost state.

If the front defrost button is pressed, the corresponding indicator will illuminate, and the default features include: air blowing by external circulation, A/C on, and defrost as the air outlet mode, and the air volume is switched to the 6th gear (if the front defrost button is pressed and the air volume is larger than the value of the 6th gear, this gear is maintained). In the front defrost state, press the front defrost button or other mode buttons again to exit the defrost state.

MODE button

Adjust the air blowing mode. Press the MODE button to switch to the Face mode, Face and Footwell mode, Footwell mode, Footwell and Defrost mode, and Defrost mode in turn.

Temperature regulating roller

Adjust the A/C setting temperature.

With the panel turned on: when the roller rotates down, the set temperature reduces; when the roller rotates up, the set temperature increases; the temperature range is: LO(17℃), 18℃ ~ 32℃ and HI(33℃). The corresponding temperature of manual A/C does not represent the actual temperature, and it only means the temperature level.

Internal/external circulation button

When the internal/external circulation button is switched, if the internal circulation indicator is on, it indicates that it is in the internal circulation mode; if the indicator is off, it indicates that it is in the external circulation mode.

When the mode is in defrost state, if it is forced to be switched to external circulation state, at this time, it is possible to switch back to internal circulation state manually.

Rear defrost

For models with rear defrost function, the rear defrost touch button is located on the entertainment system display; press the rear defrost button to turn on the rear defrost function, and turning on this function has a rapid defrost and defog effect on the rear windshield.

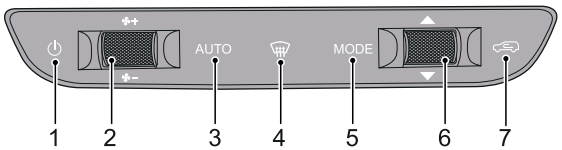
For models with heated exterior rearview mirrors, the function of heated exterior rearview mirror will be enabled when the rear defrost button is pressed, helping remove fog or frost from the surface of the rearview mirror.

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

Front seat heating button

For models with front seat heating function, the front seat heating touch button is located on the entertainment system display. Click on the seat heating touch switch to turn on the seat heating function. When the vehicle is not started, i.e., the “READY indicator (green)” on the instrument cluster does not illuminate, the seat heating function is not available.

Electric A/C control panel



1 Power button

2 Blower speed regulating roller

3 AUTO button

4 Front defrost button

5 MODE button

6 Temperature regulating roller

7 Internal/external circulation button

Power button

On/Off function.

Only when the vehicle is powered on can the A/C panel be turned on, with the character backlight ON.

Blower speed regulating roller

Adjust the blower speed.

Blower speed regulating roller has eight gears. When rotating up and down, the blower speed increases or decreases. The roller can be turned on, but cannot be turned off.

AUTO button

This is the automatic air conditioning control mode button.

Press the AUTO button to enter the full AUTO state, each function enters the automatic working state, the AUTO indicator illuminates, the A/C switch on the entertainment system display is turned on, and the circulation indicator goes off. At this time, you can operate the temperature regulating roller to set the temperature required, and the A/C system will automatically adjust the environment in the vehicle according to the temperature set.

In AUTO state, when the air blowing mode button, blower speed regulating roller, A/C switch on the entertainment system screen are pressed, the A/C control panel will exit the full AUTO state, and the AUTO indicator goes out, the corresponding functions will enter the manual control state, and other unoperated functions will remain in auto state.

Front defrost button

Switch on the front defrost state.

If the front defrost button is pressed, the corresponding indicator will illuminate, and the default features include: air blowing by external circulation, A/C switch on the entertainment system display ON, and defrost as the air outlet mode, and the air

volume is switched to the 6th gear (if the front defrost button is pressed and the air volume is larger than the value of the 6th gear, this gear is maintained). In the front defrost state, press the front defrost button or other mode buttons again to exit the defrost state.

MODE button

Adjust the air blowing mode. Press the MODE button to switch to the Face mode, Face and Footwell mode, Footwell mode, Footwell and Defrost mode, and Defrost mode in turn.

Temperature regulating roller

Adjust the A/C setting temperature.

With the panel turned on: when the roller rotates down, the set temperature reduces; when the roller rotates up, the set temperature increases; the temperature range is: LO(17℃), 18℃ ~ 32℃ and HI(33℃).

Internal/external circulation button

When the internal/external circulation button is switched, if the internal circulation indicator is on, it indicates that it is in the internal circulation mode; if the indicator is off, it indicates that it is in the external circulation mode.

When the mode is in defrost state, if it is forced to be switched to external circulation state, at this time, it is possible to switch back to internal circulation state manually.

Rear defrost

For models with rear defrost function, the rear defrost touch button is located on the entertainment system display; press the rear defrost button to turn on the rear defrost function, and turning on this function has a rapid defrost and defog effect on the rear windshield.

For models with heated exterior rearview mirrors, the function of heated exterior rearview mirror will be enabled when the rear defrost button is pressed, helping remove fog or frost from the surface of the rearview mirror.

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

Front seat heating button

For models with front seat heating function, the front seat heating touch button is located on the entertainment system display. Click on the seat heating touch switch to turn on the seat heating function. When the vehicle is not started, i.e., the “READY indicator (green)” on the instrument cluster does not illuminate, the seat heating function is not available.

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.

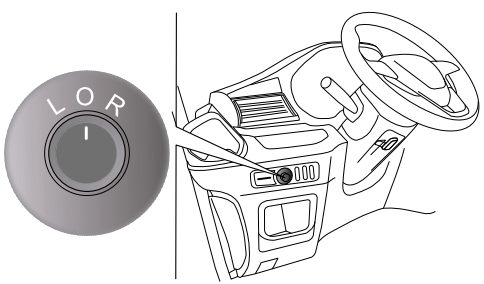
Rearview mirrors

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 adjustment

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.

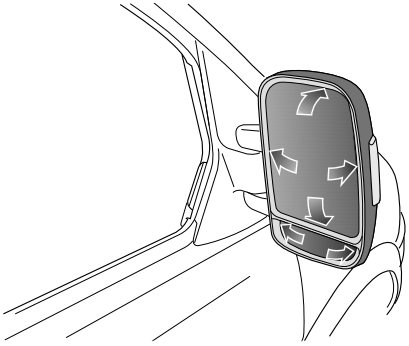


Heated rearview mirrors

For the vehicles equipped with heated exterior rearview mirrors, press the rear Defrost button on the A/C control panel to heat the exterior rearview mirrors.

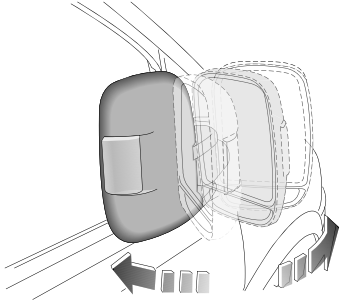
Exterior rearview mirrors - manual adjustment

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



Foldable rearview mirrors

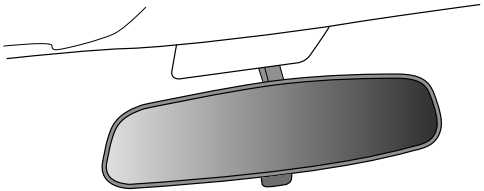
In order to ensure the safety of pedestrians, exterior rearview mirrors will rotate from their normal mounting positions towards both sides if impacted with a strong force. They can be returned by applying a small amount of force on the rearview mirror frame.



Interior rearview mirrors

Adjust the rearview mirror to give the desired rearward view.

Operate the lever at the bottom of the rearview mirror to reduce reflected glare during night driving.



Interior equipment

Roof vanity light

Front roof vanity light

Press the left switch to turn on the left front roof vanity light; press the right switch to turn on the right front roof vanity light.

Press the left switch (switch reset state) again, the left front roof vanity light is in Door Control ON state; press the right switch (switch reset state), the right front roof vanity light is in Door Control ON state.

Press the middle switch to turn on the rear roof vanity light.

Press the middle switch (switch reset state) again, the rear roof vanity light is in Door Control ON state.

Door control ON

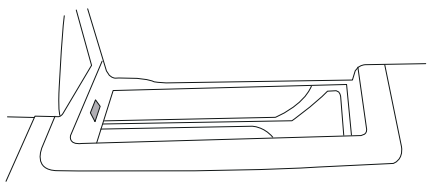
If the roof vanity light is in Door Control ON state, the roof vanity light will illuminate when any door is opened. The roof vanity light will go out automatically after approx. 30 seconds the door is closed.

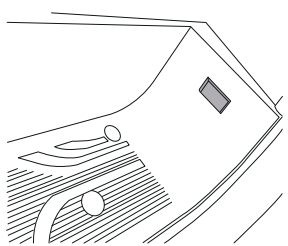
Note: The roof vanity light will go out automatically after approx. 15 minutes any door is opened to avoid battery lack of power.

Stepwell light

The stepwell light will illuminate when any of driver door, front occupant door or side load door is opened. The stepwell light will go out automatically after approx. 30 seconds the door is closed.

Note: The stepwell light will go out automatically after approx. 15 minutes if any of driver door, front occupant door or side load door is opened to avoid battery lack of power.



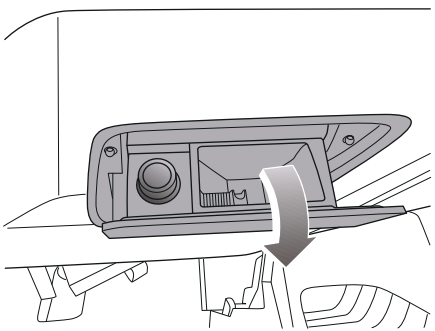


Ashtray

The ashtray is a fire risk. Putting lit cigarettes or matches in an ashtray with combustible materials can cause a fire. Do not use the ashtray as a waste receptacle.

The ashtray is located beneath the A/C control panel of the instrument cluster. Open the ashtray by opening its cover.

To empty the ashtray, hold one side of ashtray to remove it.



Cigarette lighter

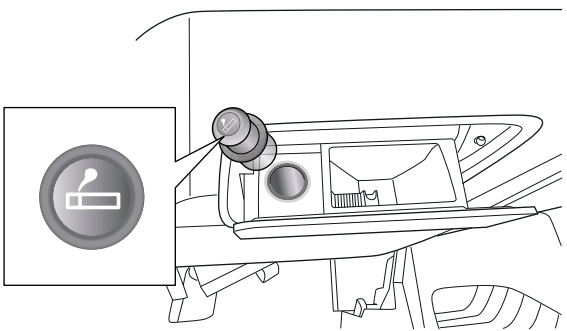
Never hold the lighter as this will result in damage.

Do not plug any accessory into the lighter socket.

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

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

The lighter is located in the ashtray which is beneath the A/C control panel of the instrument cluster. To operate, press the cigarette lighter knob fully in and release. When heated, the knob will partially eject automatically and can be withdrawn for use.



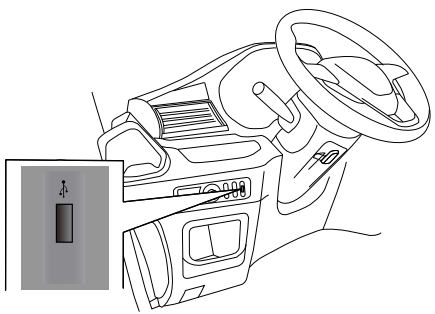
USB ports

The USB ports are located in the instrument cluster at the driver side, namely at the right side of center vent of the instrument cluster, which support the audio/video playback, picture browsing, charging and CarPlay feature.

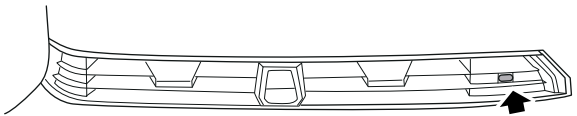
Note: Functions supported by the USB port may vary with the configuration of on-board entertainment system, please refer to the actual functional configuration of the vehicle.

USB port in instrument cluster at driver side

Note: It is applicable to the vehicle equipped with the USB port in instrument cluster at driver side.



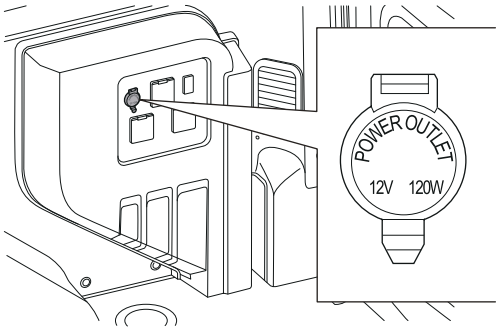
USB port at right side of center vent of instrument cluster



12V power socket

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

The power socket is located on the right rear side of the vehicle, which is mainly used for providing power supply connection for external electric devices. The position of 12V power socket on your vehicle shall be subject to the actual configuration of the vehicle you purchased.

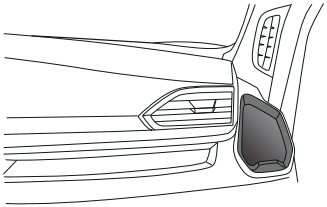


Caution
Please do not use the power socket for a long time when the vehicle is powered on but has not started, which may cause the battery to lose power.

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

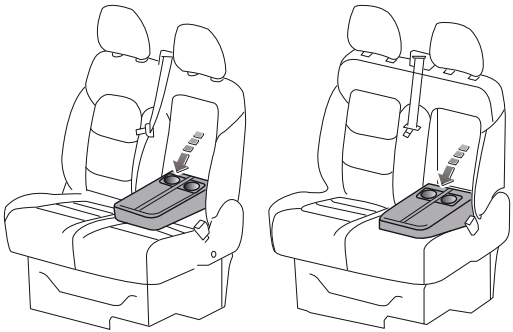
Cup holder

Cup holders at both sides of instrument cluster



Cup holder at front occupant dual seat armrest

Note: It is applicable to the integral front occupant dual seat and the fixed front occupant dual seat.

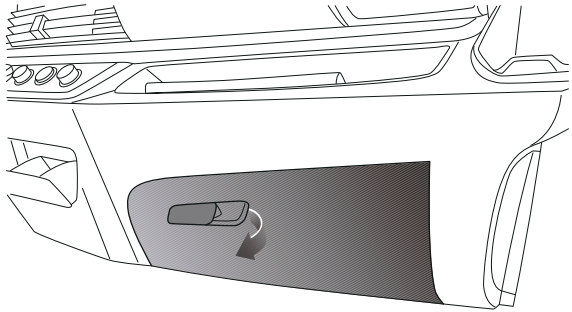


Glove box

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

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

Pull back the button at the upper left of the glove box to open the glove box. Close it with a firm push.

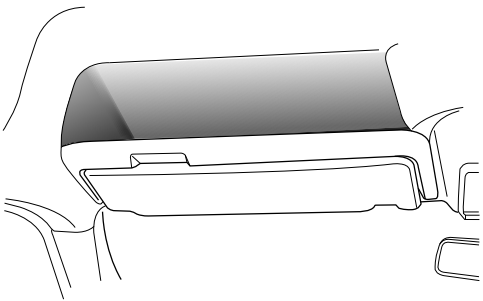


Overhead stowage

The overhead stowage bin is used to store papers or other light objects only. Do not put sharp, heavy or dangerous objects in the overhead stowage bins. They could become dislodged and fall on the driver or occupants and cause injury.

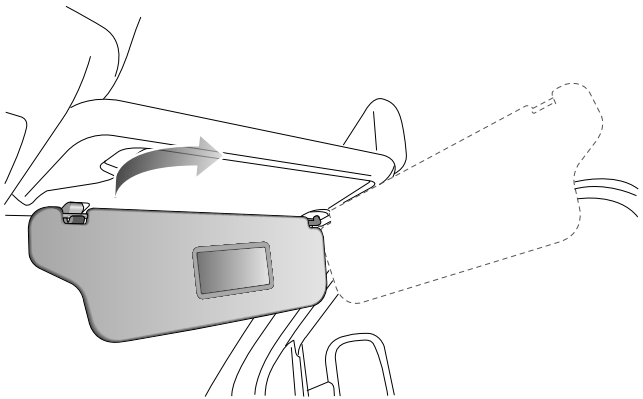
For middle and high roof vehicles, two open overhead bins are provided for the stowage of light items.

Note: For low roof vehicles, this feature is not equipped.



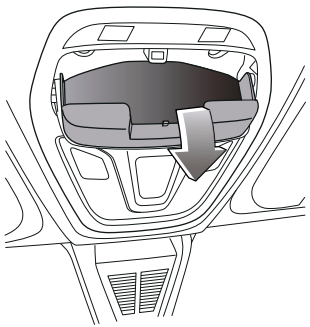
Sun visors

Both sun visors can be swung up and down to provide a shield through the windshield. In addition they can be pivoted as illustrated to shield through the side windows.



Glasses box

The glasses box is located behind the front roof vanity light, which is used to hold glasses.



Fire extinguisher

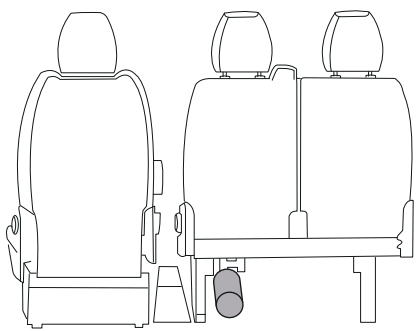
Note: It is applicable to the vehicle equipped with the fire extinguisher.

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

The dry powder fire extinguisher is placed on the floor next to the driver seat.

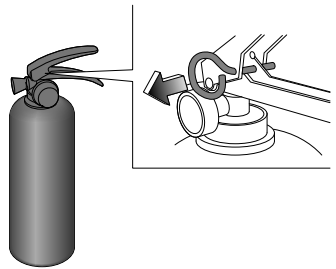
If the front occupant seat is a single seat or there is no seat, the fire extinguisher should be mounted at the edge of the driver seat.

If the front occupant seat is a dual seat, the fire extinguisher should be mounted under the dual seat.

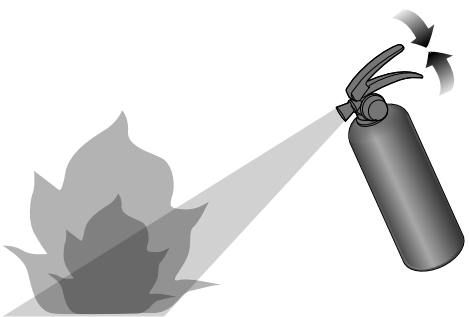


How to use a portable fire extinguisher

1 Pull the safety pin out.



2 Aim at the base of the fire and squeeze the lever simultaneously to spray powder to put out the fire.



When used outdoors, you should discharge the extinguisher in the wind direction. Intermittent discharging is also acceptable. To extinguish the flammable liquids, do not aim at the surface of liquid directly so as to prevent splashing of flammable liquids due to impact force from intensifying the fire condition, making the firefighting work even more difficult. To extinguish the ordinary solid materials, aim at the most intensely burning position and sweep the hose up and down, left and right. When conditions permit, you can discharge the extinguisher as you walk around the burning objects, so that the dry powder fire extinguishing agent can be sprayed evenly on the surface of burning object to put out the fire thoroughly. To extinguish the energized equipment (not the high voltage energized equipment), cut off the power first. The user of fire extinguisher shall pay more attention to avoid contacting the energized equipment so as to protect themselves from electric shock. Extinguish the fire thoroughly to avoid it flaring up again.

Inspection and maintenance for fire extinguisher

The user should inspect the fire extinguisher upon his/her receiving the vehicle and inspect at an interval of a quarter after then. In poor environment, the fire extinguisher should be checked more frequently. The contents to be inspected are as follows:

1 The pointer of pressure indicator of fire extinguisher should point to the green zone;

2 The safety pin and seal should be intact;

3 The barrel should be free of corrosion or deformation and all the parts free of deformation and damage.

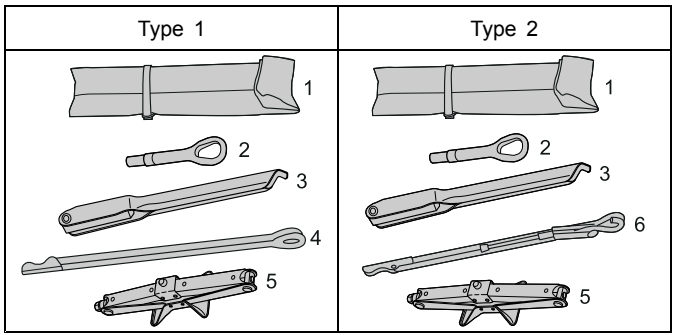
Note: Non-professional personnel shall not remove the fire extinguisher without any permission so as to avoid accidents.

Caution
• Each fire extinguisher shall be inspected annually as of the manufacture date of the vehicle; fire extinguishing agents shall be replaced every two years and the fire extinguisher every 10 years. • The annual inspection or after-use repair must be performed by an enterprise approved by Fire Department and having relevant qualifications to test, repair and annually inspect fire equipment. • If the vehicle is sold, its owner is obliged to notify the purchaser of the cautions listed.

Vehicle tools

Note: The type and location of vehicle tools shall be subject to the actual configuration of the vehicle you purchased.

The tools are placed in the storage box at the right front stepwell of the vehicle.



1 Driver tool package

2 Front towing hitch

3 Wheel nut wrench

4 Auxiliary rotary post of jack

5 Jack

6 Removal of spare tire/auxiliary rotary post of jack

Alarm/safety hammer

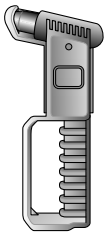
Note: It is applicable to the vehicle equipped with the alarm/safety hammer.

The alarm/safety hammers (if equipped) are located on the two sides or the rear roof, and the number, type and location of the hammer shall be subject to the actual configuration of the vehicle you purchased. When using the alarm/safety hammer, it emits an acoustic alarm.

Note: When using the car for the first time, the plastic insert at the battery of the safety hammer should be pulled out before the alarm function can be activated.

When using the safety hammer in an emergency, knock the four corners and edges of the window glass with the hammer; once the glass cracks, give more knocks to remove the broken glass.

Note: The window adopts tempered glass, the middle part is the most solid part, and the corner and edges are the weakest part. Therefore, please knock the corner and edges of the window glass with the safety hammer.



Replace the battery of alarm/safety hammer

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

To renew the battery, following procedures must be observed:

1 Remove the body of the alarm/safety hammer;

2 Release 4 retaining screws on the back of the hammer body to separate it;

Caution
Never pry out the circuit board.

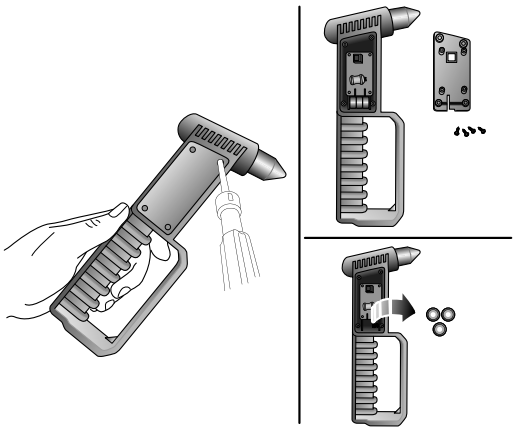
3 Remove 3 used batteries and install 3 new ones;

Note: An LR44 battery is recommended for use, normally, the battery on the circuit board shall be replaced once a year.

Caution
Pay attention to the positive and negative of battery.

4 Connect the body of hammer and secure with 4 screws.

5 Place the body of alarm/safety hammer into the mounting seat.



Power side stepwell

Note: The type and position of power side stepwell shall be subject to the actual configuration of the vehicle you purchased.

With the driver door unlocked, the power side stepwell at the side load door will be extended or retracted automatically when the side load door is opened or closed.

With the driver door unlocked, the power side stepwell at the front occupant side will be extended or retracted automatically when the front occupant door is opened or closed.

The power side stepwell will be retracted automatically when the driver door is closed and locked.

Note: When the vehicle is not turned off, the power side stepwell can work normally only when the vehicle is in P gear, the central control door lock is unlocked and the vehicle speed is less than 3 km/h. If you need to use the power side stepwell after the vehicle is turned off, please ensure that the vehicle is in P gear before turning off. When the power side stepwell is extended and retracted, if it encounters an obstacle, the anti-pich function will be triggered, after that the stepwell will be automatically extended or retracted, and this action stops after repeating up to three times.

Entertainment system

Precautions before use

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 head unit before you use this product.

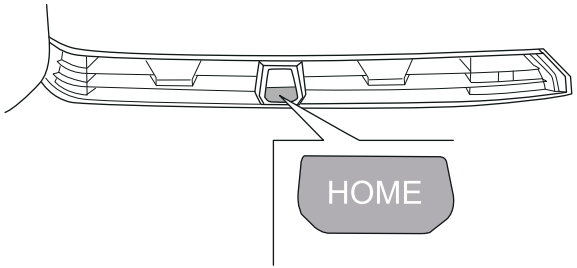
Please do not install or repair your product without authorization. If the product is installed or repaired by a person who does not receive the training on electronic equipment and auto parts, a dangerous situation may be posed. Never expose the product to any liquid, otherwise short circuit or damage may be caused.

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.

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

Caution
• The product shall be kept away from moisture. • If the product is started for the first time or reconnected after the disconnection of vehicle power supply, the date shown on each interface of the head unit 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. • To prevent the battery from running out, make sure to start the vehicle when using the system. • 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 car.



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 for about 10 seconds to restart the entertainment system.

Application center

1 On the HOME screen, click the "Application Center" icon ① to expand all application interfaces.

2 On the application interface, click the "User Manual" icon ② in the application center to view the instructions of the 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.

Starting and Driving

Starting and driving

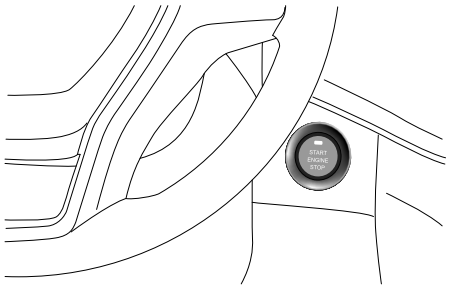
- Ensure that the daily/weekly maintenance checks have been done as detailed in the section "Maintenance and Service - Owner's Check".
- Check that the seat is in the right position.
- Check that the adjustment of all the rearview mirrors is in place.
- Check that all lights, signal systems and warning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

Move the ignition switch in "ON" position, and check all warning lamps and gauges operate 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.

Ignition switch

Keyless start



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

ACC - red light

- Start Failure

  In case of an vehicle start failure, the ignition switch will switch to ACC (N gear) or OFF (P gear).
- Abnormal parking

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

- Emergency flameout

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

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

ON - green light

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

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

START - green light

This position is used for starting the vehicle. When the drive motor shuts down, there is a valid remote key in the vehicle and the starting conditions are met, press and release the Start Stop button, and the vehicle will be started.

Starting conditions:

- Place the shift lever in P or N position.

  Depress the brake pedal and hold it.

OFF

The drive motor shuts down when the shift lever is switched to this position. When the shift lever is placed in P position, press this switch and the ignition switch will switch to OFF.

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

Keyless start system

Keyless unlocking

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

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

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

Keyless locking

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

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

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

Keyless start

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

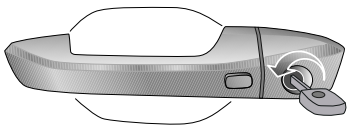
Starting conditions:

- Place the shift lever in P or N position.
- Depress the brake pedal and hold it.

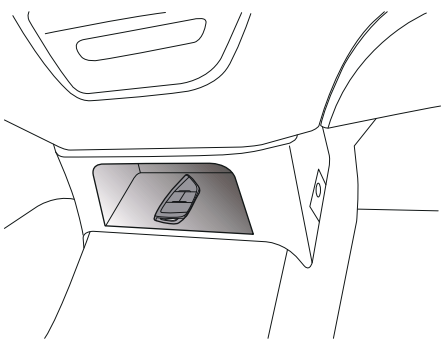
Note: If the starting conditions are not met, every time you press the start-stop switch, the power supply positions will be switched among OFF, ACC and ON in a cycle. If the remote key is not in the vehicle, after depressing the brake pedal, the indicator lamp will not go on; the power supply position switching or ignition action will not be performed after the start-stop switch is pressed.

Backup starting

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



On the premise that the starting conditions are met, place the key flat on the lower protective plate marked in the middle of the dashboard, and press the Start Stop button to start the engine.



Emergency Start and Shutdown

If you need to shut down the vehicle immediately during driving due to an emergency, there are two methods:

1 Keep pressing the Start Stop button within 3s;

2 Press the Start Stop button for 3 consecutive times.

EPB immobilizer

Key

If your vehicle is equipped with an EPB immobilizer, the keys have been electronically coded for your vehicle. The encoded key is only used in conjunction with the matched vehicle. Only the key included with the vehicle can start your vehicle.

When the immobilizer is effective, any illegal release of EPB will be disabled.

Enable/disable

If your vehicle is equipped with an EPB immobilizer and the ignition switch is turned to "ON" position, the EPB can be released normally upon successful certification.

In case the EPB immobilizer certification fails, the EPB will not be released, please contact Our Service Dealer immediately for maintenance.

Note: The remote key contains a microchip which guarantees the fault-free data exchange between the key and the vehicle. Do not shield the key with a metal object (such as another key). Prevent it from severe impact. The quantity of keys hung on the key ring shall not exceed 1.

Starting / Stopping

Starting

Check and make sure that the parking brake has been activated and the shift lever is in N gear / P gear.

Depress the brake pedal and maintain.

The key will be adjusted to the 'START' position, the vehicle will be started. After the motor starts to operate, the key will be immediately loosened; power switch will be automatically switched over to the 'ON' position.

Caution
The "READY indicator (green)" on the instrument cluster is used to indicate that the vehicle is ready for running. After the vehicle is started, the "READY indicator (green)" on the instrument cluster will be lit. This light will not go out in the running process.

Stopping

Turn the power switch from 'ON' to 'OFF' position to stop the motor.

For vehicles equipped with PEPS system, please see “Ignition switch” and “Keyless start system” in this section.

Enable the parking brake.

Driving

When driving, never place any portable container with fuel on the vehicle. Otherwise it may leak and a fire may result.

When driving on a risky road covered with water, snow, ice, mud, sand, etc., please:

- Slow down, drive with care and reserve longer brake distance.
- Avoid any sudden operation during braking, steering or acceleration.
- Apply sand or other anti-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.
- Do not drive faster than 10km/h.
- The wave caused by front vehicle and head-on vehicle may exceed the maximum allowed wading depth.
- To avoid damage to your vehicle, please drive away from the flooded road as soon as possible.

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)

Shifting to P (park) position during vehicle running will cause reducer damage. Do not use P (park) gear to replace the electronic parking brake. Make sure the shift lever is at P (park) gear and the electronic parking brake is completely set.

The vehicle must be stopped completely before shifting to P position.

R (Reverse)

Completely stop the vehicle before shifting to/out of R (reverse) gear; shifting to R gear during vehicle running will cause retarder damage.

R gear is used for reversing.

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

N (Neutral)

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

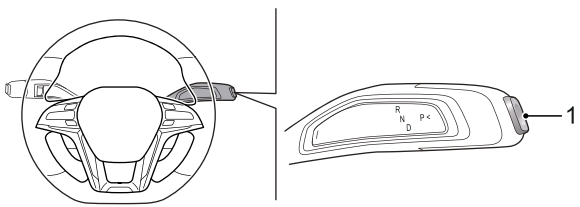
N gear is a non-power gear, and the transmission system does not transmit power in this gear. It's required to shift to N gear when driving into a car wash device.

D (Drive)

D gear is a normal forward gear, and you are suggested to use D gear during normal driving. The reducer can adaptively adjust the speed ratio, to achieve the optimum economy.

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 apply the parking brake and power off the vehicle.



1 P gear button

Shift to P gear

When the vehicle is stationary, press the P gear button (1) to engage the P gear.

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 N gear

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

- 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 D gear

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

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 speed is low, 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, 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.

In the process of charging operation, surrounding personnel cannot contact operators, vehicle and power supply 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.

In the charging process, key cannot be inserted for starting. It is strictly forbidden to charge when there is a person in the vehicle.

Do not conduct fast charging and slow charging simultaneously.

Requirements for charging equipment

Requirements for battery charger

- Insulation resistance ≥ 10MΩ.
- Low voltage auxiliary power supply of battery charger is between 15A and 20A.
- 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 high voltage output of the charger is greater than 410V.

Special requirements

- 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.

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 mm^2 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/13A (Users in British standard area) or 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 angiocarpy 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 angiocarpy defibrillator. Users who carry implantable heart pacemaker and implantable angiocarpy defibrillator may be injured or die.

If you carry implantable heart pacemaker and implantable angiocarpy 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.

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 Ⓚ 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.

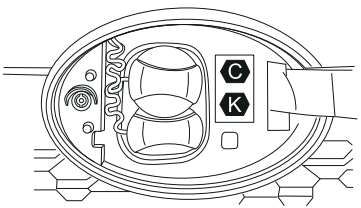
Over time, the power socket may wear out due to normal use and may even be damaged, making it no longer suitable for charging an electric vehicle.

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 Ⓒ 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	Ⓒ
FF	Vehicle inlet	50V ~ 500V	Ⓚ

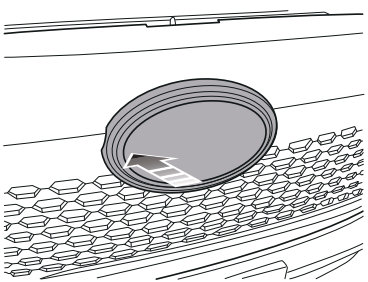
Fast charging

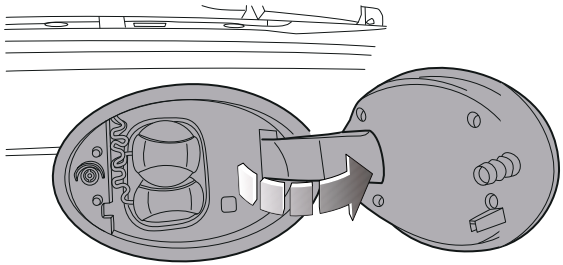
Note: Fast charging should be conducted by the personnel in the fast charging station according to the operation instructions for charging pile.

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

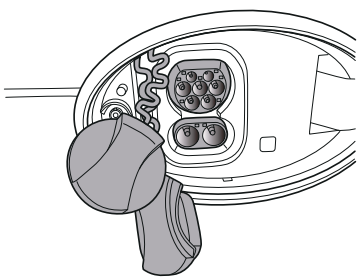
1 Select a standard DC charging connector that matches your vehicle.

2 After the vehicle is unlocked, at a position directly facing the front of the vehicle, lightly press the left side of the charging port panel (middle vehicle logo position) with your hand, after it ejects, open it to the maximum position.



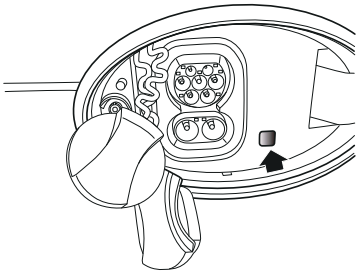


3 Open the cover on the charging inlet.



4 Remove the DC charging connector from the charging pile.

5 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.



See the table below for the status of the indicator at the lower right side of the charging socket:

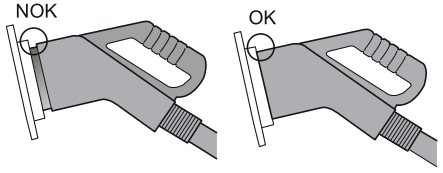
Charging status	Color of the indicator on the charging socket	Status of the indicator
Normal charging	Green	Flash
Charging completed	Green	Always on
Charging failure	Red	Flash

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, and the indicator (green) at the lower right side of the charging socket flashes. If there are no flashes 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: 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.

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

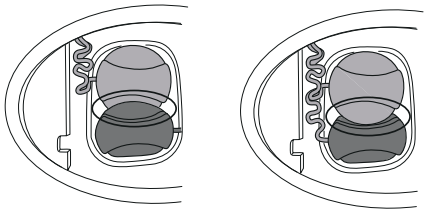
Note: Please make sure that the charging connector is fully inserted into the charging stand to avoid that the electronic lock cannot be locked, resulting in charging failure, as shown below.



7 In the charging process, the "charging status indicator (yellow)" on the instrument cluster illuminates, and the indicator (green) at the lower right side of the charging socket flashes.

8 After charging is completed, the "charging status indicator (yellow)" on the instrument cluster goes out, and an indicator (green) at the lower right of the charging socket stays on. Please turn off the power of the charging device first, and remove the charging connector after the indicator at the lower right of the charging socket goes out.

9 Close the cover on the charging inlet.



NOK OK

10 Gently close the charging port panel by hand to make it contact with the base, and then press the left side of the charging port panel (center vehicle logo position) until the charging port panel is completely closed.

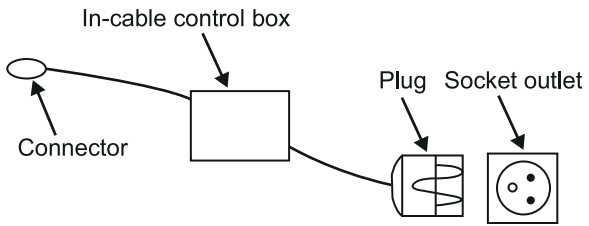
Note: After the vehicle is locked, the charging port panel is also completely locked. At this time, it cannot be opened by pressing the left side of the charging port panel.

Caution
Please select the standard DC Charging station or charging equipment matching your vehicle. After the vehicle is fully charged, the battery management system will have a power self calibration function. When you charge the vehicle lightly (not 100% charged) every 2 ~ 3 times, you need to fully charge the vehicle (fully charged).

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)

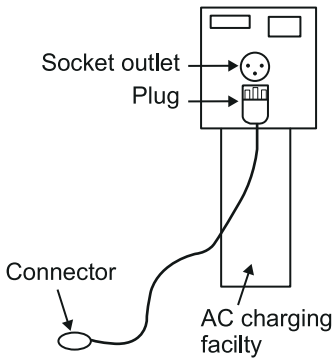


The LED words on the In-cable control box are as follows:

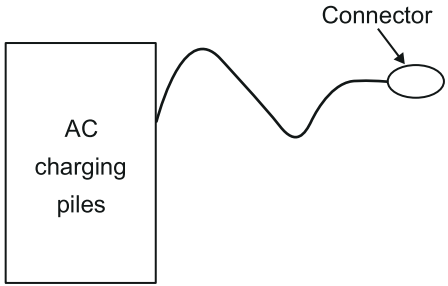
Functional state	LED				Explain
	LED1	LED2	LED3	LED4	
	POWER	Charge	Fault	Complete	
	Green	Red	Red	Green	
Initial state	on	Flash 1s	Flash 1s	Flash 1s	Power on self-check or reset.
Waiting for charging	on	off	off	off	The voltage on detection point 1 is 12V，Relay off. The voltage on detection point 1 transition from 12V to 9V.
Normal charging	on	on	off	off	The voltage of detection point 1 process of 12V-9V-6V，and CP=6V.
Charging completed	on	off	off	on	The voltage of detection point 1 transition from 6V to 12V (No Fault).
Self-check	on	off	Flash	off	Fault, Relay off.
Communication Fault	on	on	Flash	off	Abnormal voltage on detection point 1 ((the range of voltage value is outside [5.47-6.53]V, [8.37-9.59]V, [11.4-12.6]V)，The system enters the protection state; When the voltage on detection point 1 returns to normal, the system returns to normal operation.
Input Voltage over/under voltage	on	off	on	off	When the voltage is greater than or equal to 264V, the fault indicates that the output will be stopped after overvoltage lasts for 5 s.When the voltage drops to 254V, the system will return to normal operation for 5 seconds. When the voltage is less than or equal to 176V, the failure indicates that the undervoltage will stop output for 5 s.When the voltage rises to 186V, the system returns to normal operation after a delay of 5 seconds.
Ungrounded	on	off	on	Flash	Relay on，this option would require user intervention to reset the IC-CPD to restore normal operation.

Functional state	LED				Explain
	LED1	LED2	LED3	LED4	
	POWER	Charge	Fault	Complete	
	Green	Red	Red	Green	
Over current	on	Flash	on	off	The current value is within 2A more than the rated current and lasts for 30 seconds. The relay is separated and restarted after 10 seconds. If overcurrent occurs again, the relay will be opened again. After repeating for 3 times, the charging stops,the fault light is on, this option would require user intervention to reset the IC-CPD to restore normal operation. The current value is 2A more than the rated current,, the relay is opened within 0.1s ，this option would require user intervention to reset the IC-CPD to restore normal operation.
Leak current	on	off	Flash	Flash	Leakage current exceeds 22mA, the relay is opened within 0.1s.
Over-temperature protection	on	on	on	on	When the temperature exceeds 85℃ and lasts for 3s, the output is suspended; When the temperature is lower than 65℃, the output will be resumed after 3s. When the temperature exceeds 85℃ again within 3,300s, the output is permanently stopped, and the power must be reenergized to continue the work.

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)



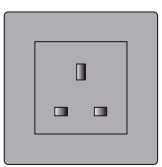
3 Direct charging with charging post.



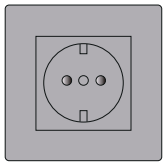
Note: Slow charging is a way of charging high-voltage battery pack to reach the optimal equilibrium state.

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

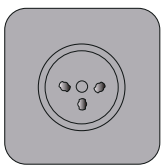
1 Select the standard 13A socket (British standard socket) or 16A socket (German standard socket or Israel standard socket) with reliable earthing or AC charging piles.
   - British standard socket.



- German standard socket.



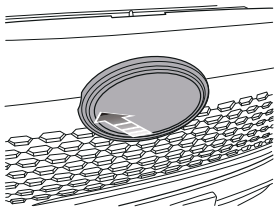
- Israel standard socket.

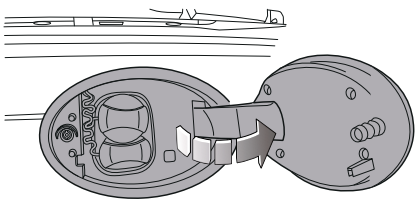


2 Take the charging connector out from its package.

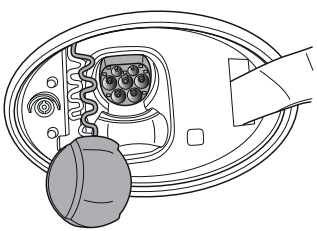
3 Insert the AC input cable plug of the charging connector into the socket or AC charging piles.

4 After the vehicle is unlocked, at a position directly facing the front of the vehicle, lightly press the left side of the charging port panel (middle vehicle logo position) with your hand, after it ejects, open it to the maximum position.





5 Open the cover on the charging inlet.



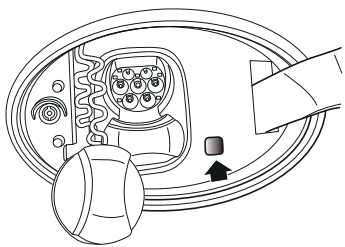
6 Connect the charging connector to the charging inlet.

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 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 jack will not be unlocked due to the anti-theft function. If you want to pull out the charging connector when charging is finished, you can unlock the electronic lock through the key.



See the table below for the status of the indicator at the lower right side of the charging socket:

Charging status	Color of the indicator on the charging socket	Status of the indicator
Normal charging	Green	Flash
Charging completed	Green	Always on
Charging failure	Red	Flash

Note: If it is required to end the charging in advance and remove the charging connector, unlock the vehicle with a smart key or an ordinary key, and the electronic lock of the charging interface will be automatically unlocked. Press the button switch on the charging connector in 27 seconds after the indicator light at the lower right of the charging socket goes out to remove the charging connector (If the charging connector is not removed in 27 seconds, the electronic lock of the charging interface will be locked again), and finally turn the start switch back to the Lock position.

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, and the indicator (green) at the lower right side of the charging socket flashes. If there are no flashes 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.

10 Close the cover on the charging inlet.

11 Gently close the charging port panel by hand to make it contact with the base, and then press the left side of the charging port panel (center vehicle logo position) until the charging port panel is completely closed.

Note: After the vehicle is locked, the charging port panel is also completely locked. At this time, it cannot be opened by pressing the left side of the charging port panel.

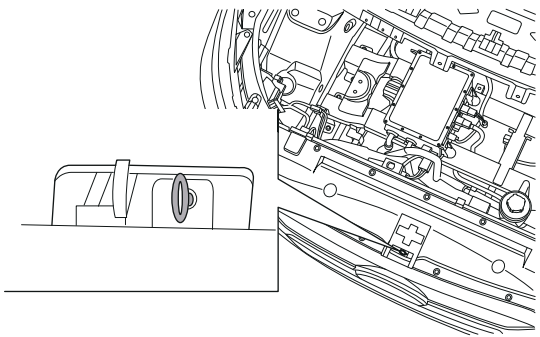
12 Stow the charging connector in its package.

Caution
Please select the standard AC Charging station or charging equipment matching your vehicle. After the vehicle is fully charged, the battery management system will have a power self calibration function. When you charge the vehicle lightly (not 100% charged) every 2 ~ 3 times, you need to fully charge the vehicle (fully charged).

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 inlet has an electronic lock function, which prevents children from touching or accidental unplugging of the charging connector in the process of charging. After the charging connector is inserted into the AC charging inlet, the electronic lock in the charging inlet locks along with the main control switch of the vehicle. Do not force the charging connector out, or it may cause damage to the vehicle. The charging connector can only be pulled out after the vehicle is unlocked using the key or the main control switch. If the key or the main control switch cannot be used to unlock the charging connector, you may pull out the emergency cable below the hood lock to unlock the charging connector.



Charging information

Rated charging voltage	Charging power	Charging stand standard	Slow charging standard	Fast charging standard	Anti theft of slow charging connector
389.6V	Max. 77kWh(78kW)	CCS2	IEC61851	DIN70121	Anti theft
448V	Max. 88.8kWh(90kW)	CCS2	IEC61851	DIN70121	Anti theft

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.

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.

Fast charging time

Under the normal temperature state, if the charging equipment has an output capacity of over 90 kW, it will take approx. 40 ~ 45 minutes to charge the high-voltage battery from 20% to 80%. Depending on the different high-voltage battery pack configurations it is divided into the following types:

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, from the alarm state (the low high-voltage battery pack warning lamp on the instrument cluster illuminates) to the full charge state, depending on the different high-voltage battery pack configurations and charging method, it is divided into the following types:

- About 8 hours (applicable to models equipped with 77kWh high-voltage battery pack which perform three-phase AC charging at normal temperature)
- About 12.8 hours (applicable to models equipped with 77kWh high-voltage battery pack which perform single-phase AC charging at normal temperature)
- About 9.3 hours (applicable to models equipped with 88.8kWh high-voltage battery pack which perform three-phase AC charging at normal temperature)
- About 14.9 hours (applicable to models equipped with 88.8kWh high-voltage battery pack which perform single-phase AC charging at normal temperature)

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 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 discharge handle 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 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.

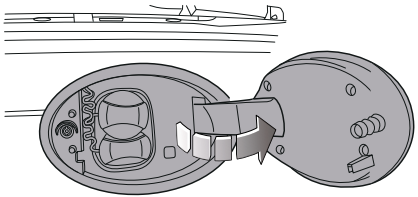
Requirements for discharge environment

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.

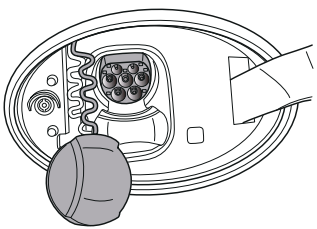
Discharge operation

Follow the instructions below during discharge:

1 The discharge port is located directly in the front of the vehicle, i.e. AC charging port of the vehicle; gently press the left side of the charging port door with your hand to open the charging port door.



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



3 Connect the discharger to the discharge socket.

4 After the discharger is connected, enter Exterior Discharge on the entertainment system display, set the battery discharge cutoff power, and tap the Start Discharge icon.

Note: Since the software of entertainment system will be updated constantly, please refer to the actual vehicle status.

5 After the above operations, the system will start discharge within 20s.

6 To end the discharge, tap the Stop Discharge icon under Exterior Discharge on the entertainment system display.

7 Unlock the vehicle, remove the discharger, replace the cover of the discharge socket, and close the charging port door.

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

Interior discharge

Note: It applies to vehicles configured the interior discharge function.

Discharge requirements

- Check whether the socket and jack are in good condition before discharge. Do not discharge with a discharger that is damaged, rusted, loose, damp or has foreign objects. Do not discharge with a discharge socket that is stained by water. Do not discharge with a discharge socket or plug that is deformed, blackened or ablated.
- It is recommended to connect the plug of an electrical appliance to the interior discharge socket before operating the entertainment system display.
- After discharge, turn off the electrical appliance, then unplug the electrical appliance from the interior discharge socket, and replace the plastic cover of the discharge socket.
- When the discharge socket fails, Our Service Dealer should be notified immediately to repair it, and the operator should not handle it without authorization.
- The maximum discharge capacity of a single discharge socket is 2.2kVA. Be careful not to use a high-power electrical appliance or use multiple electrical appliances with high power at the same time. When the current exceeds 10A, the vehicle will stop the interior discharge for protection.
- Ensure that the vehicle is started before interior discharge.

Requirements for discharge environment

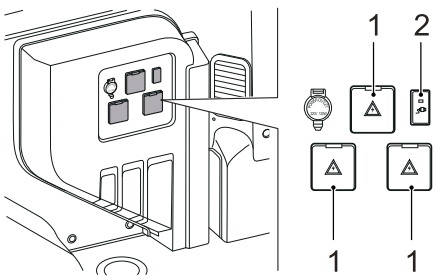
The discharger and electrical appliances may cause sparks during discharge. In order to avoid accidents, do not discharge at gas stations or places with inflammable gases or liquids.

Discharge operation

Follow the instructions below during discharge:

1 Open the protective cover of the interior discharge socket (The discharge socket is located in the cargo box near the rear door).

2 Connect the plug of the electrical appliance to be used to the interior discharge socket (1).



3 After connection, enter Interior Discharge in Energy Management on the entertainment system display. After setting the battery discharge cutoff power, tap the Start Discharge icon, and tap the discharge switch (2) on the discharge socket panel.

Note: Since the software of entertainment system will be updated constantly, please refer to the actual vehicle status.

4 After the above operations, the system will start discharge within 20s.

5 To end the discharge, tap to enter Energy Management via the app list on the entertainment system display, and tap the Stop Discharge icon.

6 Unplug the electrical appliance and replace the cover of the discharge socket.

Note: The interior discharge duration can be selected between 1 and 24 hours in the power-off delay option on the entertainment system display. After the interior discharge function is turned on, it will keep operating when the vehicle is powered off until the set duration ends; if you do not select the discharge duration or select Power Off When Locking the Vehicle, the interior discharge function will be automatically disabled when the vehicle is powered off. The interior discharge function will be disabled when the power battery reaches the discharge cutoff power even during continuous operation after the vehicle is powered off. Please reserve sufficient discharge SOC power when setting the power-off delay function. The interior discharge cannot be started when fast DC charging or slow AC charging is performed for the vehicle.

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

Acoustic vehicle alerting system (AVAS)

Battery electric vehicles are quieter when driven at low speeds, resulting in a higher probability of traffic accidents with pedestrians (especially blind people) than with conventional cars. The acoustic vehicle alerting system (AVAS) can emit warning tones or beeps at low speeds, helping reduce the probability of traffic accidents with pedestrians.

The balance between ensuring safety and reducing noise pollution is achieved through audible warning and sound effect design for different groups of people with different sound sensitivity.

Acoustic vehicle alerting system (AVAS) sound effect

When the vehicle travels at a speed of 0 to 20 km/h, the AVAS will simulate the sound of engine running and give out an audible warning. The warning tone gradually increases as the vehicle speeds up and decreases as the vehicle slows down, thereby reminding people outside that the vehicle is passing by. The minimum average frequency shift speed of this frequency meets ≥ 0.8% / (km/h).

Note: When the vehicle travels at 0 km/h, the AVAS will not give a warning sound.

When reversing, the AVAS will emit an audible warning that simulates the sound of engine running to remind people outside that the vehicle is reversing. The warning tone increases as the vehicle speeds up and decreases as the vehicle slows down

Note: When the vehicle is reversed at 0 km/h, the AVAS will not give a warning sound.

Electric power steering unit

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 running. 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 MIL

See “Warning lights and indicators” in Before You Drive section.

If the battery is disconnected or lacks power seriously, this light may illuminate. At this point, fully turn the steering wheel to the left (with appropriate force) then the right, and finally return the steering wheel to the center, thus the system initialization is completed, and the light will go out.

Brake system

Service brake

Dual brake hydraulic system

A failure in one of the hydraulic pipelines will be indicated by illumination of the "braking system warning light (red)"  **on the instrument cluster while driving; it will result in increased brake pedal travel and effort, 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. You should contact our Service Dealer immediately. Do NOT drive the vehicle.**

Should one of the hydraulic pipelines fail the other circuit will continue to function.

General state

Always ensure that floor mats or other objects do not disturb brake pedal movement.

Never rest your foot on the brake pedal as this may overheat the brakes, reduce their efficiency and cause excessive wear. If brake pads/shoes have worn excessively, a squealing or screeching noise will be heard when the brakes are applied, and braking efficiency will be affected. Contact our Service Dealer for service as soon as possible.

If the drive 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.

For a steep slope which requires to apply the brake constantly, a lower gear shall be selected before driving downhill to reduce the required brake force.

ABS (Anti-lock Brake System)

Your ABS prevents the road wheels from locking under emergency braking; thereby helping you to 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 Completely depress the brake pedal.

2 Bypass the obstacle. No matter how much brake force is used, you can always maintain the control on direction.

ABS in action

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 some 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 can better protect yourself and other road users from unnecessary risks. You still have a duty to drive within normal safety margins, having due considerations for the road surface, weather and traffic conditions.

If the force of your braking should exceed the available adhesion between the tires and the road, causing one or more wheels to lock, then ABS will automatically come into operation. You will hear the sound of a rapid pulsation which will also be felt through the brake pedal.

Even when making emergency braking on a slippery road surface, be sure to fully depress the brake pedal. ABS is activated immediately; it constantly monitors the speed of each

wheel and varies the braking pressure to each according to the amount of grip available.

This prevents the wheels from locking and enables steering control to be maintained.

Precautions for driving a vehicle with ABS

- In case of emergency braking, fully depress the brake pedal.
- Under normal braking, apply steady pressure to the brake pedal - DO NOT PUMP IT.
- Remember that steering control will always be available during braking.
- The availability of ABS does not eliminate the dangers of driving too close to the vehicle in front, aquaplaning, excessive cornering speeds, etc.
- ABS does NOT guarantee shorter braking distances.
- Do not be alarmed if you hear and feel a pulsing at the brake pedal. This is normal and indicates that the ABS is in operation.

ESP (Electronic Stability Program)

ESP function

ESP covers the functions of ABS, EBD, TCS, VDC, EBA, RMI and HAS.

ESP Indicator on the instrument cluster flashes when the ESP is operating. You may hear some noise or feel the vibration of brake pedal, which is normal.

When the ignition switch is placed in "ON" position, "ESP indicator (yellow)"  will illuminate and go off after several seconds. In normal driving conditions, ESP indicator keeps off, and ESP is in monitoring state. When the ESP indicator blinks, it indicates ESP is operating. You may hear some noise or feel the vibration of brake pedal, which is a normal phenomenon. In case of ESP failure, ESP indicator will stay On. Please take the vehicle to Our Service Dealer for ESP inspection.

ESP can be turned off with ESP OFF switch, and when ESP function is turned off, only ABS and EBD functions are available.

EBD (Electronic Brake-force Distribution)

EBD automatically detects the grip conditions between wheels and ground, distributes the brake force optimally to 4 wheels, so as to improve brake efficiency and driving stability.

TCS (Traction Control System)

TCS automatically controls the driving force at the start-off and acceleration to prevent wheels from spinning, so as to maintain the driving stability.

VDC (Vehicle Dynamics Control)

VDC is an advanced computer system, which can help you to control the vehicle driving direction in severe driving conditions. When the computer detects the deviation between the expected driving route and the actual driving direction, VDC system may selectively apply brake pressure on one or more brakes of the vehicle so as to keep the vehicle driving in the direction commanded.

EBA (Electronic Brake Assist)

In case of an emergency, the force applied by a driver on the brake pedal is usually insufficient. EBA can identify this rapid action with insufficient force on the brake pedal and automatically establishes a brake pressure up to the lock level to shorten the brake distance greatly.

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.

HAS (Hill-start Assist System)

When the vehicle drives uphill, HAS can prevent the vehicle from sliding backwards after the driver releases the brake pedal. The driver has up to 1.5s to move his foot from the brake pedal to the accelerator pedal for hill-start.

Precautions for driving a vehicle with ESP

ESP can detect and analyze vehicle conditions, and take preventive measures by correcting wrong driving operation. However, anything has its limit and no safety device is absolutely safe if the driver blindly drives the vehicle over-speeding.

EPB (Electronic Parking Brake)

Note: This applies to vehicles with EPB (Electronic Parking Brake).

The EPB (Electronic Parking Brake) switch Ⓟ is located on the left of the instrument panel, which is used to apply or release the parking brake.

Instructions before Using EPB

- The EPB can be used as long as the ignition switch is in ACC/ON position. Do not operate the EPB switch repeatedly when the vehicle is not running to prevent excessive discharging of the battery. The EPB cannot be applied or released when the battery is low.
- The EPB can prevent accidental slipping when starting off on a slope. The EPB will automatically release only when the vehicle traction is greater than the sliding force.
- 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 (Electronic Parking Brake) indicator (red)"  does not turn on or off when you operate the EPB switch, or the "EPB (Electronic Parking Brake) malfunction indicator (yellow)"  illuminates and the EPB cannot be released through normal operation, please contact our Authorised Repairer.
- Do not apply the electronic parking brake on the road with a slope greater than 20%, otherwise the vehicle may slip. If the EPB cannot be fully applied when parking on a road greater than the defined slope, the driver can prevent vehicle slipping by depressing the brake pedal.

Parking

Manual hold

1 The ignition switch is in "ON" position or the motor is running.

2 Keep the vehicle stationary.

3 Pull up the EPB switch Ⓟ to apply the parking brake. If the "EPB (Electronic Parking Brake) indicator (red)" on the instrument pack illuminates, the parking brake is applied successfully.

4 For vehicles with manual transmission, shift into 1st gear (level ground or uphill) or R gear (downhill) when parking. For vehicles with AT automatic transmission, shift into 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.

Auto hold

When the ignition switch is OFF and the vehicle in stationary (If the vehicle is not equipped with electronic shift, the Auto Hold switch should be turned on normally), the parking brake is automatically applied and the "EPB (Electronic Parking Brake) indicator (red)" on the instrument pack will illuminate to prevent accidental slipping.

Caution
When the vehicle is powered off, the released parking brake cannot be applied again. In this case, please park the vehicle on a level ground and shift into 1st gear (manual transmission) or place the selector lever in P gear (AT automatic transmission) to hold the vehicle.

Auto hold function disabled

If you do not need the EPB auto hold function in some special cases (such as when the vehicle is washed or the brake disc may freeze in cold weather), the vehicle will not automatically park by performing the following operation: The EPB is released before the power is turned off. The driver presses the EPB switch with one hand to release the parking brake, and turns off the power with the other hand. At this time, the EPB will not be applied. After the above operation, the driver can release the EPB switch. If the driver pulls up the EPB switch again before the EPB system enters the sleep state, the EPB will be applied again.

Start-off

Manual release of EPB

1 The ignition switch is in "ACC/ON" position.

2 Depress the brake pedal.

3 Press the EPB switch Ⓟ to release the parking brake. When the "EPB (Electronic Parking Brake) indicator (red)" on the instrument pack goes out, the parking brake is released.

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 The ignition switch is turned on.

2 The driver wears the seat belt.

3 The transmission is in any gear.

4 Depress the accelerator pedal. When starting off on a level ground or a slope, depress the accelerator pedal. When the traction is greater than the sliding force, the parking brake will automatically release, the "EPB (Electronic Parking Brake) indicator (red)" on the instrument pack will go out, and the vehicle starts to move.

Emergency braking function

Pulling up and holding the EPB switch Ⓟ will activate the emergency braking function. At this time, the vehicle will activate the hydraulic brake system to brake the four wheels, and its braking effect is like depressing the brake pedal firmly. The emergency brake will be released as long as the EPB switch is released or the accelerator pedal is depressed firmly.

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

AUTO HOLD

Note: This applies to vehicles with AUTO HOLD.

The AUTO HOLD switch Ⓐ is located on the left of the instrument panel, which is used to turn on or off the 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
The following conditions should be met to turn on the AUTO HOLD function: the driver door is closed; the driver seat belt is fastened; the vehicle is started.

When pressing the AUTO HOLD switch Ⓐ, the "AUTO HOLD indicator (white)" 

on the instrument pack will illuminate. When the vehicle is stationary and the "AUTO HOLD indicator (green)" on the instrument pack illuminates, the AUTO HOLD is operating and the driver can release the brake pedal. When the AUTO HOLD is operating, the ESP pressure hold parking will be performed first, and the ESP requests the EPB to apply parking brake if the vehicle is still stationary after 10 minutes.

The "AUTO HOLD Indicator (green)" goes out and the "EPB (Electronic Parking Brake) indicator (red)"  illuminates.

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 (Electronic Parking Brake) indicator (red)" illuminates.

If you engage a gear and depress the accelerator pedal as usual, the parking brake will automatically release and the vehicle will start. The "AUTO HOLD indicator (white)" on the instrument pack remains on, and the AUTO HOLD is in standby state.

AUTO HOLD OFF

When pressing the AUTO HOLD switch Ⓐ, the "AUTO HOLD indicator (white)" on the instrument pack will go out, and the AUTO HOLD function will be off.

Do not perform auto hold on the road with a slope greater than 25%, otherwise the vehicle may slip.

When the "AUTO HOLD indicator (yellow)" 

on the instrument pack illuminates and the AUTO HOLD system fails, please drive immediately to our Service Dealer for vehicle inspection.

Warning light

Warning lamps related to brake system include "brake system warning light (red)", "ABS warning light (yellow)", "EBD warning light (red)", "ESP indicator (yellow)", "ESP OFF indicator (yellow)", "EPB (Electronic Parking Brake) indicator (red)", "EPB (Electronic Parking Brake) malfunction indicator (yellow)" and "AUTO HOLD indicator", please see “Warning lights and indicators” in Before You Drive section.

Cruise control system

Cruise control can be dangerous where you can not drive safely at a steady speed. Therefore, do not use the cruise control on winding roads or in heavy traffic. It is also dangerous to use the cruise control system while driving on a slippery road. On such roads, fast changes in tire traction can cause excessive wheel spin, and you could lose control. Do not use the cruise control on a slippery road.

Your vehicle may be equipped with the cruise control system. With the cruise control, you can maintain the vehicle speed at 40km/h or above without keeping depressing the accelerator pedal. The cruise control system does not work when the vehicle speed is less than 40 km/h.

For vehicles with the traction control system or electronic stability control system, the system starts to limit wheel spinning when the cruise control system is working. In case of this situation, the cruise control will be automatically disabled.

When the vehicle starts the cruise control system, if it encounters a continuous climbing condition, it may cause the current driving speed of vehicle to be less than the set cruise control speed.

Cruise control settings

Setting cruise control

If the cruise control stays on when you do not use it, you may touch the button and accidentally enter the cruise state. Then you may get scared and lose control of the vehicle. Therefore, keep the cruise control switch "Off" until you need to use the cruise function.

The cruise control switch is located on the steering wheel.

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

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

RES+ : Cruise recovery/acceleration switch. If a set speed has been stored, press RES+ to resume that speed; press RES+ again to accelerate (1km/h per time). The instrument cluster will display the target speed.

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

Setting speed

1 Press to turn on the cruise control system. Meanwhile the "cruise indicator lamp (white)" in the instrument cluster will illuminate.

2 Accelerate to the desired speed.

Note: This speed must be higher than 40km/h.

3 Press SET- and then release it. Then the current speed will be stored and maintained. The speed set will appear in the instrument cluster display momently, and the "cruise indicator lamp" on the instrument cluster will turn green from white.

4 Release the accelerator pedal, and then the vehicle will cruise at a steady speed. The cruise control function will be disabled when the brake is enabled.

Resume the set speed

If you have set the cruise speed of cruise control system, the cruise control function will be disabled when you depress the brake pedal or press , but this set speed in the memory will not be cleared. To resume the pre-set speed, press RES+ when the vehicle speed reaches 40km/h or above, and then the vehicle speed will recover to the pre-set value.

Accelerating with cruise control enabled

There are two methods to accelerate:

- Accelerate by depressing the accelerator pedal.
- If the cruise control system has been enabled, press RES+, and hold it until the vehicle accelerates to the desired speed, and then release it. To accelerate by minor increment, short press RES+, and then release it. Each time this is done, the vehicle goes about 1.0 km/h faster, meanwhile the instrument cluster will display the incremental target speed.

Decelerating with cruise control enabled

If the cruise control system has been enabled:

- Press SET-, and hold it until the vehicle decelerates to the desired speed, and then release it.
- To decelerate by minor increment, short press SET-, and then release it. Each time this is done, the vehicle goes about 1.0 km/h slower, meanwhile the instrument cluster will display the decremental target speed.

Overtaking with cruise control enabled

Speed up with the accelerator pedal. When you release the accelerator pedal, the vehicle will decelerate to the pre-set cruise control speed.

Using cruise control on slopes

The performance of cruise control system on a slope depends on the speed, load as well as the gradient of the slope. When the vehicle runs uphill, it may be required to depress the accelerator pedal to maintain the vehicle speed. When the vehicle runs downhill, it may be required to brake or shift to a low gear to

maintain the vehicle speed. The cruise control function will be disabled when the brake is enabled.

Terminating cruise control

There are three ways to disable the cruise control:

- Slightly depress the brake pedal once; the "cruise control indicator lamp" in the instrument cluster will turn white from green when the cruise control is disabled.
- Press .
- Press to turn off the cruise control system completely. The cruise control speed will not be resumed.

Clearing speed memory

The cruise control set speed memory will be cleared when you press or turn off the ignition switch.

Parking assist system

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

Camera provides visual aids for the parking assist system. See "Camera" in Driver assistance system for details. Ultrasonic radar provides object detection for the parking assist system. See "Radar" in Driver assistance system for details.

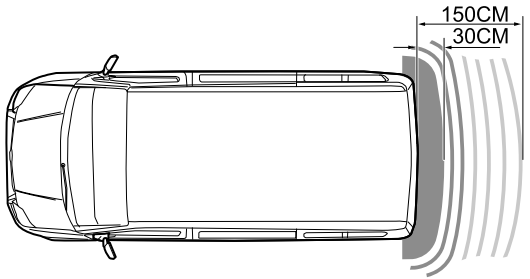
Parking sensor

The parking assist system is not always reliable and is only playing the role of guidance! The parking sensors might not detect some types of obstacles, including slim objects (such as wire nets and ropes), small objects 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.

Four parking 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 shifting into the reverse gear, if there is no fault with the park assist system, 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 gear is shifted to "R", it indicates that the system has a malfunction. Contact Our Service Dealer for service as soon as possible.

Parking process

When the vehicle is at about 150cm distance from the rear barrier, the system will start making alarm sounds. And the alarm sound become harsher when the vehicle is approaching the barrier.

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

Front and rear sensors

The parking assist system is not always reliable and is only playing the role of guidance! The sensors might not detect some types of obstacles, including slim objects (such as wire nets and ropes), small objects close to the ground, conic objects, and some objects with non-reflective surfaces.

The sensors shall be free of dirt, ice, and snow. The sediment on surfaces of sensors will impair the normal functioning of the sensors. Therefore, avoid directly flushing the sensors from a short distance by a high pressure water gun while washing your vehicle.

Four sensors located in the front bumper will scan the front area of the vehicle, and four sensors located in the rear bumper will scan the rear area of the vehicle to determine whether there is any obstacle. Upon detection of any obstacle, the parking sensors will calculate its spacing with the vehicle and send the information to the driver by alerting tones. It's really important that this system is only a parking assist system and can't function as the replacement for your observation and personal judgment.

Working status of parking assist system with front and rear sensors

Rear parking assist system

After R gear is selected, the rear parking assist system will automatically turn on. Shift out of the R gear and the rear parking assist system will automatically stand by.

Front parking assist system

When the ignition switch is in "ON" position, the front parking assist system will automatically turn on. When it is shifted to D gear, R gear or N gear and the parking brake is released, and when the vehicle speed is less than 15km/h and the front radar alarm tone switch is turned on, the front parking assist system will enable the detection function.

Note: When the ignition switch is in "ON" position, if the display screen gives out a 3-second prompt tone, it indicates that the parking sensor assist system has failed and Our Service Dealer shall be contacted for overhaul as soon as possible.

Parking assist system switch on the entertainment system display screen

The front and rear radar parking assist system can be switched on or off by pressing the parking assist system switch on the entertainment system display screen. When the vehicle is powered on, the parking assist system starts to output the

working status by default. After the parking assist system function is turned off, the reverse gear R is forced to be turned on in the same ignition cycle; when the reverse gear R is turned off, the parking assist system function is turned off by the switch; when the parking assist system function is switched off, it is automatically switched on at the next ignition cycle.

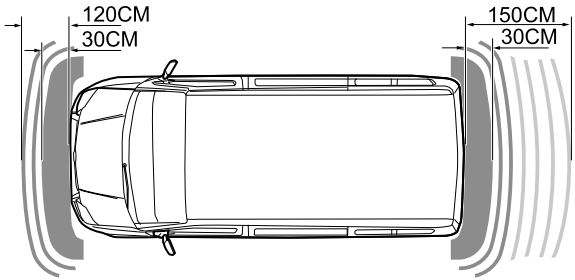
Note: If an icon ⃠ appears in the radar turtle image, it indicates that the corresponding position of the radar is damaged. Contact Our Service Dealer for service as soon as possible.

Parking process

When the two middle radars in the rear of the vehicle are about 150cm away from the 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 two middle radars in the front of the vehicle are about 120cm away from the barrier, or when the radars on both sides are about 60cm away from the barrier, the parking assist system starts make alarm sounds. And the alarm sound become harsher when the vehicle is approaching the barrier.

When the distance of the vehicle from the front or rear 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.



Note: When the front parking assist system works under D gear and N gear, the front radar will detect obstacles under normal working conditions and will produce alarm sounds. If the distance from obstacles does not change after 6 seconds, the system will stop sending alarm frequency signals. If the distance from obstacles changes again, the front parking assist system will resume sending alarms.

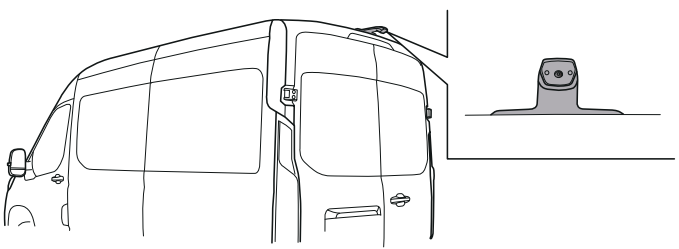
Parking camera

The parking camera assist system is not always reliable and is only playing the role of guidance! Due to limited visual field, the parking camera can't detect any obstacle beyond its visual field.

Working status of parking camera assist system:

After selecting R gear, the entertainment system display will be switched to the operation condition of parking cameras, displaying the scene behind the vehicle as reverse reference.

When selecting other gears, the parking camera assist system stops working and the display returns to the original state.



Note: When the vehicle enters the reversing state, cameras will output static reversing tracks which are displayed on the entertainment system screen, take the horizontal plane as reference, and identify the area behind the vehicle in segments divided by red, yellow and green lines. Adjusting the screen brightness of the entertainment system display screen will synchronously affect the reverse image interface.

Caution
When a camera malfunction icon appears on the reverse interface, you should contact Our Service Dealer for repair as soon as possible.

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.

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.

2D around-view system

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 main interface of entertainment system display screen.

After the function is turned on, 2D and front/rear/left/right viewing angles can be switched in the operation area.

Function off

- Click "✕" 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

Click the “Settings” on the screen under the panoramic interface, and users can choose to turn on/off the sub-functions such as "AVM triggered by turn signal", "Front guide line", "Wide view" and "AVM triggered by radar".

Note: Adjusting the screen brightness of the entertainment system display screen will synchronously affect the reverse image interface.

Caution
When a camera malfunction icon appears on the reverse interface, you should contact Our Service Dealer for repair as soon as possible.

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.

When there is a foreign matter in front of the radar, please clean it with soft cloth. Never use water cannon, or damage the lens 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, etc.
- Weather conditions with poor light or low visibility.
- Over exposure of camera due to direct sunlight.
- Dramatic light change (e.g in/out tunnel).
- Camera jolt due to bumpy road or other factors.

Radar

Millimeter wave radar is installed inside the front grille or inside the rear bumper. Millimeter wave radar provides target acquisition for the driver assistance system.

Caution
In order to avoid affecting the detection performance of radar sensor, it is strictly prohibited to paint or modify the body and front/rear bumper without permission. If the radar sensor hardware is damaged, it must be repaired or replaced. It is recommended to drive the vehicle to our service dealer for repair, and never replace it by yourself. It is not allowed to install license plate frame or other objects on the front/rear license plate board to prevent interference with camera or radar sensor; regular maintenance is required for the license plate to avoid deformation from affecting the radar sensor performance. Not all traffic environment, weather and driving conditions are suitable for the radar sensor to function properly, therefore, in a complex environment or bad weather, please drive carefully.

Radar maintenance

In order to keep the proper operation of radar, please ensure there is no foreign matter such as dust, ice and snow, and water on the front of radar.

When there is a foreign matter in front of the radar, please clean it with soft cloth. Never use water cannon, or damage the front surface of radar.

The replaced assembly structure of radar sensor must be our original part. After part replacement, the radar sensor must be re-calibrated at our service dealer, so as to ensure that all vehicle systems based on the radar sensor function properly.

Service restrictions

When the radar cannot work properly, the function that provides detection information based on the radar is restricted or abnormal.

The radar has limited detection range and capability, so that it cannot detect the target out of its detection range.

The performance of radar will be restrained in the following environment:

- The radar's surface is covered with foreign matters, such as dust, ice and snow, water, etc.
- The objects detected by radar may have wave-absorbing interference substance, such as cotton object, etc.
- Bad weather conditions, such as heavy rain, snow, fog, etc.
- Radar jolt due to bumpy road or other factors.

FCW and AEB (Forward collision assist)

Forward collision assist includes FCW (Forward Collision Warning) and AEB (Automatic Emergency Braking). The FCW function warns the driver of pedestrians, bicycles or vehicles in front of the vehicle with visual and audio signals. If the driver fails to take actions within a reasonable period of time, the system will trigger the AEB function.

Collision assist function may enable urgent and instantaneous braking to cope with different collision risks. These may make the driver feel uncomfortable, in this case, the driver shall perform active braking.

If the collision risks increase further, the system will brake dramatically and stop the vehicle in normal conditions. For most drivers, this is not a normal driving style and they may feel uncomfortable. After the collision assist function successfully avoids collision with the vehicle ahead, the vehicle will remain stationary for a while, at which moment the driver shall take actions as soon as possible.

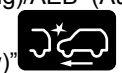
Generally, the collision assist function will not be perceivable to the driver or passengers until the vehicle is about to collide. The collision assist function will be enabled when the driver should start braking in advance, but it cannot help the driver in all conditions.

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->Advanced Driver Assistance->Collision Assist On.

When the function is activated, the "FCW (Forward Collision Warning)/AEB (Automatic Emergency Braking) warning light (yellow)"  on the instrument cluster goes out.

Function off mode

Set in the entertainment system screen: Settings->Advanced Driver Assistance->Collision Assist Off.

hen 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 “…” or “>” on the right of Collision Assist, the options “Low”, “Standard” and “High” will pop up; you may select applicable sensitivity according to your needs.

Information prompt

- Visual alarm
  - Indicator prompt: During the forward collision warning, the "FCW (Forward Collision Warning)/AEB (Automatic Emergency Braking) warning light (yellow)"  flashes; during the automatic emergency braking, the "FCW (Forward Collision Warning)/AEB (Automatic Emergency Braking) warning light (red)"  flashes.
  - Text reminder: Risk of collision/automatic emergency braking.
- Audible alarm: The entertainment system speaker alarms.

Caution
The collision assist is an auxiliary function that cannot work under all driving, traffic, weather and road conditions, which cannot replace the driving and accurate judgment. The performance of the system may be degraded by other factors, so that the driver should drive carefully and do not rely solely on the system. Before using the collision assist, the driver should check the restrictions they need to know by referring to this section.

Caution
The collision assist is designed to decrease the vehicle speed as much as possible to reduce the losses caused by collisions, instead of complete prevention of collisions. The driver should drive carefully and do not rely on the system. When the system gives visual and audible warnings, the driver should immediately take further measures to avoid risk of collision and do not rely solely on the system. The recognition range of front view camera and front millimeter wave radar realized by collision assist is limited, so you should not rely solely on the system to prevent collisions. Due to the inherent limitations, the system may give a warning or brake when there is no risk of collision. The driver should always pay attention to the traffic environment ahead and take appropriate measures immediately. The operating range of the collision assist system is 8 km/h to 130 km/h. With the collision assist activated, if the "FCW (Forward Collision Warning)/AEB (Automatic Emergency Braking) warning light (yellow)"  is always on, please go to our service dealer for repair.

Service restrictions

- When the vehicle speed is lower than 8km/h, the system will not give alarm. The system triggered occasionally due to low vehicle speed in congestion road may provide poor driving experience.
- The driver shall ensure the seat belt is fastened 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, please refer to “Camera”.
- For radar restrictions, please refer to “Radar”.

LDW (Lane Departure Warning)

LDW function provides assist for driver on expressway, fast roads and similar arterial roads. When the driver unintentionally departures 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->Advanced Driver Assistance->LKA On.

Function off mode

Set in the entertainment system screen: Settings->Advanced Driver Assistance->LKA 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.

Audible alarm

Set in the entertainment system screen, and click "…" button on the right of LDW, 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 departures 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

sections.A large area of shadows are formed by the projection of trees, large objects or landscape features on the lane.

- LDW may miss warning or send incorrect warning in the following conditions:
  - For camera restrictions, please refer to “Camera”.
  - Weather conditions (heavy rain, snow, fog, extreme hot or cold temperature) interferes with camera operation.

The warnings and restrictions above do not cover all situations that may interfere with LDW. There are many factors that may disable LDW function. To avoid departure from the current lane, the driver shall keep alert, and pay close attention to the road conditions, so as to take corrective measures as early as possible.

LKA (Lane Keeping Assist)

When activated, LKA function will determine the position of vehicle relative to the lane lines based on the road boundary information acquired by the camera, and in combination of the vehicle state and the driver input, alarm the driver or return to the vehicle to the original lane by intervening the turning if the driver unintentionally departures from the lane. The function is a safety function, which corrects the vehicle when the vehicle is about to departure from the lane. It is not a comfort function of lane centering, etc., so the driver shall hold the steering wheel at the time.

The LKA function will be enabled when the vehicle speed is at 60km/h - 120km/h and the road markings are visible. The system will not send alarm messages or automatically intervene the turning when the driver drives at low speed or takes active driving (judged by turning on direction indicator/changing lane in emergency).

Function on or off

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

Information prompt

When the driver unintentionally departures 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 observer 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 departure, 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.

Service restrictions

LKA cannot clearly detect the lane lines all the time. You may receive invalid warning or false interference in the following conditions:

- Road construction areas, sharp turn or narrow roads.
- Dark (poor lighting) or weather conditions (due to heavy rain, snow, fog and wind). The recognition capability of the camera is deteriorated under direct sunlight or oncoming strong light.
- The camera's view is blocked by the large vehicle ahead or vehicle running nearby. The windshield in the camera's view is blocked (by water mist, dust or paster, etc.).
- The width and quality of lane lines are unsatisfactory, for example, the lane lines are worn and blocked, the new and old lane lines coexist, or change of lane lines in construction sections.A large area of shadows are formed by the projection of trees, large objects or landscape features on the lane.
- LKA may miss warning or send incorrect warning in the following conditions:
  - For camera restrictions, please refer to "Camera".
  - Weather conditions (heavy rain, snow, fog, extreme hot or cold temperature) interferes with camera operation.

The warnings and restrictions above do not cover all situations that may interfere with LKA. There are many factors that may disable LKA function.To avoid departure from the current lane, the driver shall keep alert, and pay close attention to the road conditions, so as to take corrective measures as early as possible.

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 60 km/h and 120 km/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. Please refer to “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 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:
  - See "Camera" for camera restrictions.
  - Weather conditions (heavy rain, snow, fog, extremely high or low temperatures) interfere with camera operation.

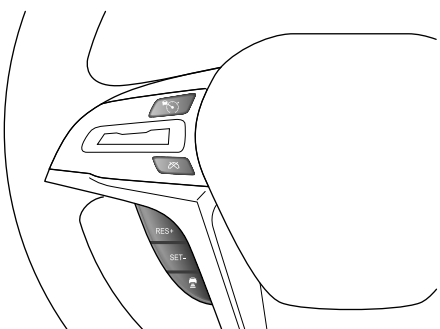
The above warnings and restrictions do not include all conditions that may interfere with emergency lane keeping assist. Many factors may cause the emergency lane keeping assist to be inoperative. In order to avoid the risk of collision with the adjacent vehicle or curb, the driver should remain vigilant 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 and front millimeter wave radar sensor detect that the vehicle ahead is slowing down, your vehicle will automatically slow down accordingly. When the road ahead is clear again, your vehicle will be restored to the selected speed.

Adaptive cruise control switch

The adaptive cruise control switch is located on the steering wheel.



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

When the adaptive cruise control is activated:

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

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

SET-: Decrease the stored vehicle speed.

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

Activating ACC

After the vehicle is started, if there is a target vehicle ahead or the vehicle speed is between 15 and 120 km/h, the function can be activated, and the function can take effect within 0 to 130 km/h.

When the "ACC (Adaptive Cruise Control) indicator (gray)" 

on the instrument cluster illuminates, you can use the adaptive cruise control function, which is in standby state.

In this state, you can press to activate the ACC (Adaptive Cruise Control) function.

When the ACC (Adaptive Cruise Control) function is activated, the "ACC (Adaptive Cruise Control) indicator (blue)" 

on the instrument cluster illuminates.

After the system is activated, your vehicle will cruise at the set speed when there is no vehicle ahead; when there is a target vehicle ahead which runs at a speed higher than your vehicle's cruise speed, the system will continue to run at the current cruise speed; when the vehicle ahead runs at a speed lower than your vehicle's cruise speed, the system will actively adjust the speed to keep the set time interval with the vehicle ahead for automatic following; when the vehicle ahead accelerates, the system will actively raise the speed to the set cruise speed.

ACC will perform intelligent speed limit at curves.

Adjusting cruise speed

When ACC is enabled, you may increase or decrease cruise speed by using RES+/SET-.

Short press RES+/SET-, and the cruise speed changes at 5km/h. Long press RES+/SET-, and the cruise speed changes at 1km/h.

With ACC in an override state, pressing SET- will synchronize vehicle speed, that is, cruise speed will change to current actual speed.

Cruise speed memory

ACC has been activated in this ignition cycle, and the cruising speed will be the previous speed when entering next time. The cruising speed is not stored in memory after the vehicle is powered off.

Adjusting cruise distance

Short press to switch the following distance from Level 1 to Level 3 cyclically for each press, and the current cruise distance can be confirmed through the display on the instrument cluster.

Exiting ACC

If you need to exit the cruise manually, you may do it by pressing the ACC deactivation switch or pressing the brake pedal. After exiting ACC, ACC indicator will change from blue to gray, or disappears.

Resuming ACC

ACC has been activated in this ignition cycle. If you want the cruising speed of the next entry to be the previous speed, press the RES+ button.

If you cruise at current speed, you may resume ACC through the same operations of enabling ACC.

In the following conditions, the system will enter functional state and will not recover, and the instrument cluster will provide relevant information to prompt the need of resuming cruise:

- The follow and stop time exceeds 10 minutes.

- Ultrasonic radar detects that there is a pedestrian ahead.

Caution
The driver must always pay attention to the traffic conditions, and make intervene if the ACC system has not kept an appropriate speed or correct distance. ACC system is unable to deal with all traffic, weather and road conditions. ACC is not a safety system, obstacle detector or collision warning system, but a comfort system, so that the driver must always remain in control and take full responsibility for the vehicle. ACC can assist the driver, but cannot replace the driver to drive. The driver must drive cautiously and obey speed limit rules even when ACC is active. If the driver steps on the accelerator pedal when ACC is active, the vehicle will be taken over by the driver. The distance control function of ACC system will not be activated. Only under special conditions, can ACC respond to stationary objects, such as the tail-end of traffic flow and toll station, which are very specific. In some cases (the relative speed of the vehicle ahead is too high, the lane change is too fast, or the safety distance is too small), the system does not have enough time to reduce the relative speed. In such cases, the driver must respond accordingly. The system is not able to send audible or image warning in every case.

Caution
When entering and leaving the curve, the selection of target may be delayed or interfered. In these cases, the ACC vehicle may not be braked as expected or braked too late. When driving on a road with sharp turns, such as on a serpentine road, the ACC vehicle may accelerate since the vehicle ahead is lost in the sensor's view due to restrictions. If the distance between the ACC vehicle and adjacent lane is too small (or adjacent lane), ACC may respond to and brake the vehicle. It is the driver's responsibility to determine and always maintain a safe following distance and never rely on ACC to maintain an accurate following distance. In uphill and downhill conditions, there may be some error of the actual ACC cruise speed from the set cruise speed due to system restrictions. It may not provide enough speed control due to limited braking capacity and being on a slope, and may misjudge the distance from the vehicle ahead.

Service restrictions

ACC relies on other systems, such as electronic stability control system. If the function of any system is disabled, the adaptive cruise control system will be automatically disabled. In the case of automatic deactivation, a sound signal will be emitted and a message will be displayed on the driver side display. The driver

must intervene to match the speed and distance of the vehicle ahead. The causes of automatic disabling may be:

- The driver opens the door.
- The 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 or front millimeter wave radar sensor is faulty.
- The vehicle speed is higher than the maximum failure speed 130km/h.
- The road curve radius is less than 250m.
- For camera restrictions, please refer to “Camera”.
- For radar restrictions, please refer to “Radar”.

SLIF (Speed Limit Information Function)

SLIF recognizes speed signs via intelligent front-view camera and sends relevant information to the instrument cluster, aiming to remind the driver the speed limit of current road to prevent overspeed. The system will not actively adjust the vehicle speed, which shall be controlled actively by the driver.

Function on or off

Set in the entertainment system screen: Settings->Advanced Driver Assistance->Speed Limit Assist, and select: SLIF On/Off.

Function on conditions

- The vehicle speed is lower than or equals to 130km/h.
- The sensor signal is normal (camera).
- Speed limit sign is detected.
- The front-view camera module at the front windshield is not blocked/fogged.

Note: When enabled, the function will not work temporarily when the vehicle speed is higher than 130km/h.

Information prompt

When the function is enabled, if the current vehicle speed is lower than that of the speed limit sign, the instrument cluster will display the current speed limit value.

When the current vehicle speed is detected to be greater than that of the speed limit sign, the traffic sign will flash with an audible alarm.

: It indicates the speed limit value of current road.

Caution
When the system cannot recognize the speed limit sign ahead, the instrument cluster will not display the speed limit sign information. The system only prompts the speed limit information, but will not control the vehicle speed. The recognition of speed limit signs by the system is not completely accurate, but recognition error occurs, so that the driver shall drive cautiously based on actual road conditions.

Service restrictions

SLIF can only function properly when the speed signs are clear and visible. It may be unable to work or function under some situations: For example:

- Poor conditions of speed limit sign: such as fading, on the curve, improper placement angle, rotated or damaged, blocked fully or partly, too far away or too high, attached on the road surface.
- Driving so close to the vehicle ahead that the detection range of the camera is obstructed.
- Change to the road or speed limit recently, such as construction, regulation, etc.
- Some LED speed limit signs.
- For camera restrictions, please refer to “Camera”.
- 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 Headlamp Control)

The IHC (Intelligent Headlamp Control) recognizes the traffic environment ahead through the front view camera on the vehicle, and automatically controls the switching of high and low beams to prevent dazzling the vehicle ahead and oncoming vehicles, and improve the driving safety and comfort in dark environments, especially at night.

Function on or off

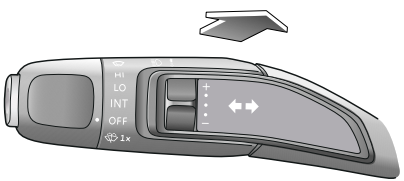
Function on mode

Set on the entertainment system screen: Exterior Lights -> Light Settings -> Activate Intelligent Headlamp Control Switch.

Function off mode

The intelligent headlamp control can be deactivated in two ways:

- Press and hold the high beam or turn signal lever switch towards the steering wheel for more than 2 seconds.



- Set on the entertainment system screen: Exterior Lights -> Light Settings -> Deactivate Intelligent Headlamp Control Switch.

Function on conditions

- The vehicle speed is greater than or equals to 40km/h.
- The light control switch is in AUTO position.
- The headlamp low beam illuminates.
- The front-view camera module at the front windshield is not blocked/fogged.

Note: When enabled, the function will not work temporarily when the vehicle speed is lower than 25km/h.

Information prompt

When IHC function is enabled, its operation state can be observed through the IHC indicator on the instrument cluster.

When the “IHC (Intelligent Headlamp Control) indicator (blue)” illuminates, it means the high beam on conditions are met, and the system will automatically turn on the high team.

When the “IHC (Intelligent Headlamp Control) indicator (gray)” illuminates, it means the high beam on conditions are not met, and the system will automatically turn off the high team.

When the IHC is faulty, the instrument cluster will prompt that the system is unavailable through the pup-up “IHC unavailable”.

Caution
Front-view camera module is installed on the front windshield. Note that the camera's view cannot be blocked by objects, which may suppress the IHC function. IHC cannot accurately perceive the surrounding environment, which may cause incorrect adjustment of the high beam/low beam. Please observe local traffic laws and regulations and use the function properly. IHC is only a comfort function, and drivers need to drive cautiously when using it.

Service restrictions

- IHC function may be limited to camera state and suppression conditions. If the front-view camera module is not properly calibrated, IHC performance will be reduced.
- IHC performance may be reduced due to limited field of vision caused by dust over, rain, snow, fog, ice, and other factors.
- IHC performance may be reduced due to the interference of ambient light source. IHC performance may be reduced by highly reflective objects in the perception range of front-view camera module during driving.
- When ABS or ESP function is activated, the high beam and low beam states cannot be switched.
- IHC may be degraded in adverse weather conditions, such as wind, heavy rain, dense fog, etc.
- For camera restrictions, please refer to "Camera".

Blind spot assist

BSA includes two active safety assist functions: BSD (Blind Spot Detection) and LCA (Lane Change Assist). When the subsystem detects that a vehicle is approaching at a fast speed in the blind spot of the rear-view mirror or from a distance, the system will warn the driver by LED lights on the left and right rear-view mirrors.

Function on or off

Set in the entertainment system screen: Settings->Advanced Driver Assistance->Blind Spot Assist, and select: BSA On/Off.

If the switch is grayed out and cannot be operated, please drive to our service dealer for service.

Monitoring diagram

Area ① About 3m behind the blind spot of vehicle; Area ② About 70m behind the blind spot of vehicle.

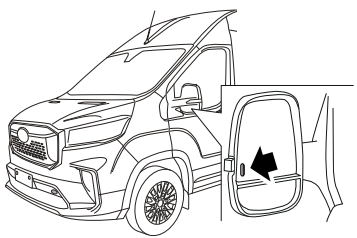
Blind spot refers to the blind area in the field of vision behind the left and right rear-view mirrors of the vehicle (as shown in Figure ① below). If there is a vehicle in this area, this function provides the driver with favorable prompts to avoid the collision risk caused by turning or lane change.

In the area as shown in Figure ② below, there is a vehicle runs fast at a speed (greatly higher than your vehicle), and in this case, the function will provide the driver with favorable prompts to avoid the collision risk caused by turning or lane change.

Warning and prompt

When the vehicle is running at a speed above 15km/h, if it is in Area ① or Area ② where there is a rapidly approaching vehicle, the system will actively prompt the driver, and the corresponding side indicator will illuminate, as shown in the figure below.

If the driver intends to change lane or turn (by turning on the direction indicator on the side of the approaching vehicle), the indicator on the corresponding side will flash to warn the driver.



Caution
BSD and LCA will not provide warning assist in the event of an emergency turn. BSA is a driver assistance function, which is unable to provide help in all conditions. BSA is designed to work with left and right rear-view mirrors to provide better assistance, and cannot replace the rear observation of rear-view mirror. If the indicator of exterior rear-view mirror is always on, please go to our service dealer for repair.

Service restrictions

- BSD cannot provide accurate alarm in all scenarios, and may produce unnecessary or miss warning due to many factors: such as large movable metals, complex metal walls, etc. in the blind spot formed by radar principle.
- The driver shall keep alert in driving, pay close attention to road conditions, and change lanes after making sure it is safe.
- For radar restrictions, please refer to “Radar”.

RCTA (Rear Cross Traffic Alert)

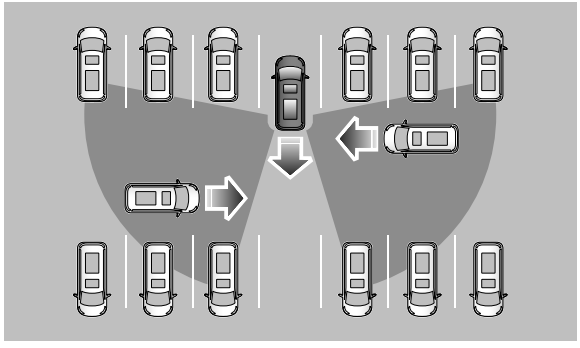
The RCTA (Rear Cross Traffic Alert) is a driver assistance function, which warns the vehicles or pedestrians crossing on both left and right sides when the driver reverses the vehicle; the speed range of the rear cross traffic alert function is between 0 and 10 km/h.

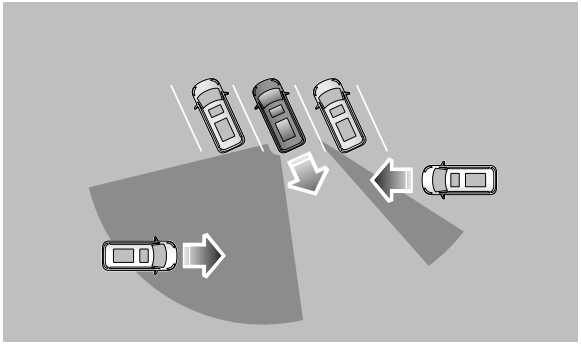
Function on or off

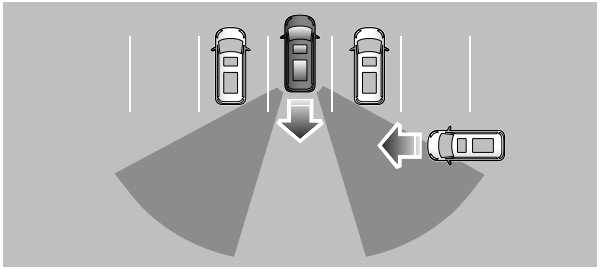
Set in the entertainment system screen: Settings->Advanced Driver Assistance->Blind Spot Assist, and select: BSA On/Off.

If the switch is grayed out and cannot be operated, please drive to our service dealer for service.

Monitoring diagram







Warning and prompt

When the vehicle is in reverse mode (R gear), if there are vehicles and pedestrians moving transversely on both sides behind the vehicle, the indicator on the rear-view mirror on the corresponding side will flash to alarm and produce prompt tone to warn the driver.

Caution
RCTA cannot replace the rear observation of rear-view mirror. RCTA is a driver assistance function, which is unable to provide help in all conditions. RCTA does not mean the driver can relax, and it is the driver's responsibility to reverse in a safe manner.

Service restrictions

- RCTA cannot provide accurate alarm in all scenarios, and may produce unnecessary or miss warning due to many factors: such as large movable metals, complex metal walls, etc. in the blind spot formed by radar principle.
- The driver shall keep alert in reversing, pay close attention to road conditions, and reverse the vehicle after making sure it is safe.
- For radar restrictions, please refer to "Radar".

DOW (Door Open Warning)

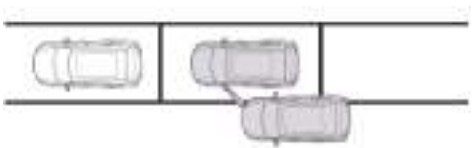
When the vehicle is stationary and not engaged in R gear, DOW function can detect vehicles, cyclists, pedestrians and other targets approaching the vehicle from the rear. If the driver or passenger's behavior of opening the door when an approaching target is detected, DOW will send a warning prompt to prevent the driver and passenger from scratching and bumping into the target when opening the door.

Function on or off

Set in the entertainment system screen: Settings->Advanced Driver Assistance->Blind Spot Assist, and select: BSA On/Off.

If the switch is grayed out and cannot be operated, please drive to our service dealer for service.

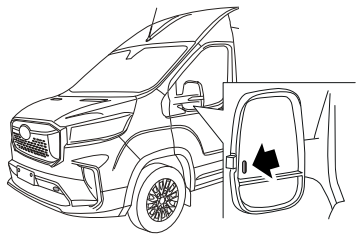
Monitoring diagram



Warning and prompt

When a target approaches the stationary vehicle, DOW indicator will illuminate, and the driver or passenger shall avoid opening the door and confirm the safety of the opening environment first.

In this case, if the driver or passenger opens the door on the alarm side, the warning indicator will flash, there will be corresponding pop-up window and prompt tone on the instrument cluster and corresponding side door atmosphere light will illuminate to remind the driver or passenger to pay attention to the safety when opening the door.



Caution
DOW is a driver assistance function, which is unable to work in all conditions or replace the rear observation of rear-view mirror. DOW function is limited by the sensor principle and the complexity of the traffic environment, which may cause to send unnecessary or missed alarms. Therefore, the active observation of the door opening environment before getting off is the most effective measure for drivers and passengers to ensure personal safety.

Service restrictions

- DOW function is effective only when the vehicle is stationary and not in R gear, and it will not work when the vehicle is moving.
- The door opening warning function can be activated only when the vehicle is in a gear other than R and the vehicle speed is lower than 5 km/h.
- This function can be activated only when the vehicle is stationary or its speed is lower than 3 km/h; an alarm can be triggered only when the target vehicle speed is higher than 10 km/h.
- DOW does not always work in all situations. Unnecessary or missed warnings may be produced for a variety of reasons, such as: small or stationary objects on the side or behind the vehicle; or other vehicles suddenly change lanes into adjacent detection areas.

The warnings and restrictions above do not cover all situations that may interfere with DOW. In order to avoid scratching when opening the door, drivers and passengers shall be sure to observe whether the door opening environment is safe and suitable.

Tires

DEFECTIVE TIRES ARE DANGEROUS!

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

Do NOT overload 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 kerbs.
- Driving over deep pot holes.
- Tire under-inflation or pressure overload during driving.

Uneven tread wear can be caused by faulty wheel alignment.

See “Tires” in Maintenance and Service section.

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℃.

When a vehicle is running under winter road conditions, winter tires can greatly improve the handling stability and braking performance. Non-winter tires have poor skid resistance at low temperatures or on icy roads due to their structure (tire width, rubber composition, pattern type, etc.).

It is recommended to use winter tires of the same size and load index as that of the original tires, and all the four wheels shall use winter tires.

When the tread depth of winter tires is worn to 4mm, the skid resistance will decrease obviously.

The maximum allowable speed of winter tires shall be subject to the speed code on the tires.

Speed symbol	Maximum speed (km/h)
C	60
D	65
E	70
F	80
G	90
J	100
K	110
L	120
M	130
N	140
P	150
Q	160
R	170
S	180
T	190
H	210
V	240
W	270
Y	300

When the temperature rises above 7℃, 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 Install anti-skid chains on the drive 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.

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.

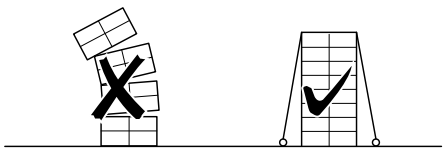
Hazardous loads

There is a legal requirement to display a specific type of external warning sign on the vehicle if certain hazardous goods are being carried.

Load restraint

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

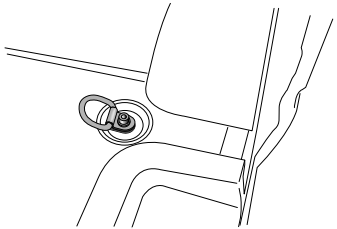
Note: The driver is obliged to ensure all goods have been fixed correctly.



Load restraint assemblies

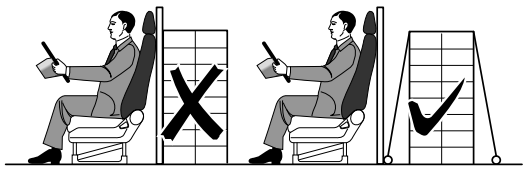
Load restraint assemblies, when installed, will stand out from the vehicle floor. To prevent people from tripping, it is recommended that they be removed when not needed.

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.



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

Instructions of trailer towing

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.
- 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 (Refer to "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 (Refer to "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.

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.
- 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.

Recommended towing weight

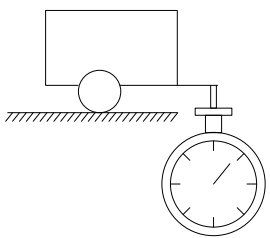
Towing capacity

Drive	Type	GVW (kg)	CVW (kg)	Payload(kg)(not exclude driver 75kg)	ATM(braked trailer) (kg)	GTM (kg)
FWD	VAN	3500	2460	965	1500	4250
FWD	VAN	3500	2530	895	1500	4250
FWD	VAN	3500	2480	945	1500	4250
FWD	VAN	3500	2550	875	1500	4250
FWD	VAN	3500	2520	905	1500	4250
FWD	VAN	3500	2590	835	1500	4250
FWD	VAN	3500	2645	780	1400	4250
FWD	VAN	3500	2715	710	1400	4250
FWD	VAN	3500	2540	885	1500	4250
FWD	VAN	3500	2610	815	1500	4250
FWD	VAN	3500	2580	845	1500	4250
FWD	VAN	3500	2650	775	1400	4250
FWD	VAN	3500	2695	730	1400	4250
FWD	VAN	3500	2765	660	1400	4250
FWD	VAN	3500	2600	825	1500	4250
FWD	VAN	3500	2670	755	1400	4250
FWD	VAN	3500	2520	905	1500	4250
FWD	VAN	3500	2590	835	1500	4250
FWD	CAB	3500	2155	1270	1500	4250
FWD	CAB	3500	2215	1210	1500	4250
FWD	CAB	3500	2165	1260	1500	4250
FWD	CAB	3500	2225	1200	1500	4250

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. • There are two rows of installation holes in the flange ball of the trailer device. The first row of installation holes is suitable for vehicles with a full load mass of 4000 kg or more, and the second row of installation holes is suitable for vehicles with a full load mass of 4000 kg or less. • 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 ≤10% *ATM.



Variant	Maximum nose weight
All models	350 kg

Installation of trailer device

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

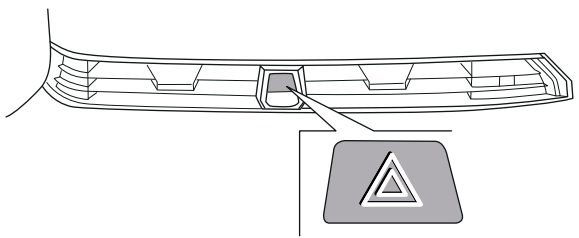
Maintenance

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

Hazard light

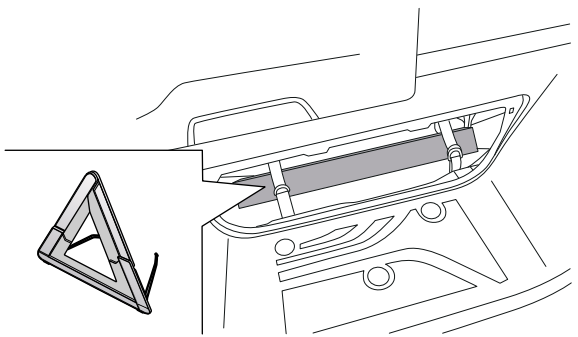
When your vehicle needs to stop or slow down, press hazard light switch ⚠ to light on "direction indicator (green)" on the instrument cluster and flash all direction indicators, warning others and making the police know you are in trouble.



Warning triangle

The warning triangle is placed in the storage box at the right front stepwell of the vehicle.

If you have to pull the vehicle over, you need to place a warning triangle about 100m right behind the vehicle to warm other vehicles incoming.



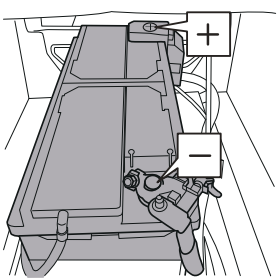
Jump start

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.

The battery is located under the driver's seat. To disconnect the battery, disconnect the negative (-) earth terminal first and then positive (+). Connect battery, install and secure positive cable (+) first and then negative (-) cable. Smear the terminals with petroleum jelly.



Caution
• Before disconnecting the battery, always shut down the drive motor and all electrical appliances for more than 2 minutes. While disconnecting, never allow the terminal to contact the metal parts of vehicle body. Otherwise short circuit may cause electric spark. • Electrical system may be damaged if connecting positive and negative cable reversely.

Jump start

Never pull or tow the vehicle to start.

Ensure the rated voltage of two batteries is the same (12 V) and the jumper cable is acknowledged as the cable used for 12V vehicle battery.

Jumper

- Pull two vehicles together as possible.
- Shut down all electric equipment immediately.
- 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 battery that need to be powered.
- Ensure all connection mechanisms are well connected.
- Check that the jumper cable is clear of any moving parts when the drive motor starts.
- Check that the handbrakes of the two vehicles are applied and gear lever is in N or P position.

Starting

Start the vehicle whose battery supplies power and allow it to idle for several minutes.

- Start the vehicle whose battery needs to be powered.
- After starting the vehicle, allow it to run for two minutes above.

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

Disconnecting

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

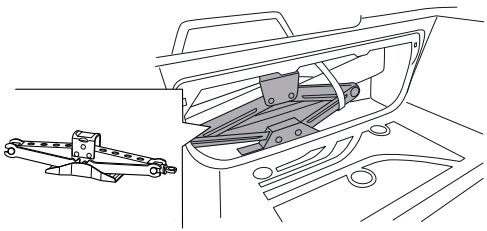
Caution
Before removing the jumper cable, never turn on any electrical equipment of the vehicle started.

Replacing wheel

Jack

Location

The jack and the vehicle tool are placed in the storage box at the right front stepwell of the vehicle.



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.

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.

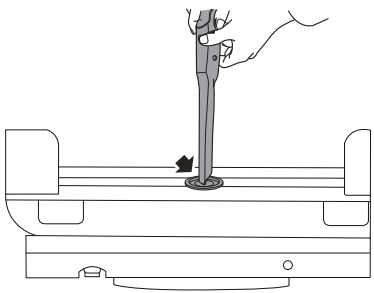
The spare tire is mounted at the rear bottom of the body; the wheel nut wrench and the auxiliary rotating extension bar for spare tire removal in the vehicle tool kit can be used to rotate the pillar bolt of drive mechanism, thus releasing or tightening the rope for the spare tire to achieve the function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

Removing spare tire

1 Take out the vehicle tool.

2 Release the spare tire bolt cap with the wheel nut wrench.

- Non-chassis cab models

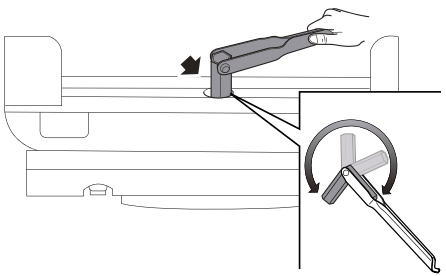


Note: There is no blanking cap in chassis cab models.

3 Lower the spare tire.

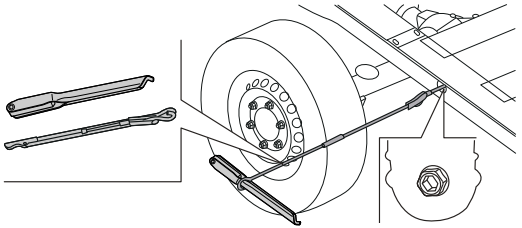
- Non-chassis cab models

  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.



- Chassis cab models

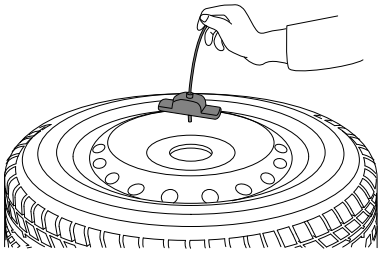
  Connect the auxiliary rotating extension bar for spare tire removal and the wheel nut wrench, insert the auxiliary rotating extension bar into the spare tire mainshaft bolt groove in the longitudinal beam next to the rear left wheel, and turn the wheel nut wrench counterclockwise to lower the spare tire until the spare tire reaches the ground.



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.



Caution
Be sure to fully lift and tighten the spare tire after the replacement. For steel wheel models, the replaced wheel can be placed at the spare tire position. Since the tire is damaged and flat, it may not be securely fastened. If the replaced wheel is not placed back to the spare tire position, and the wire rope is retracted under no-load condition, it may be easily to cause the wire rope to stagnate in the next use, thus leading to the failure to lower the spare tire smoothly. Therefore, it is necessary to have a person under the vehicle keep pulling the spare tire, to avoid wire rope stagnation. For aluminum wheel models, the replaced main tire cannot be placed back to the spare tire position. Please temporarily put it in the compartment and contact our Service Dealer for the repair of the damaged main tire.

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.

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.

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.

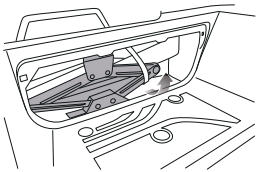
Never use jack if the ground is sloping. If jack is unsuitable to use or you are unsure to complete the task safely, please ask for assistance.

Front wheels must be straight-ahead.

While shutting down the drive motor, activate the electronic parking brake, and shift the lever to P position.

Taking out jack

Turn the rotary switch of the jack in the storage box at the front right stepwell of the vehicle to lower the jack to its lowest position and then take it out with the vehicle tool kit.



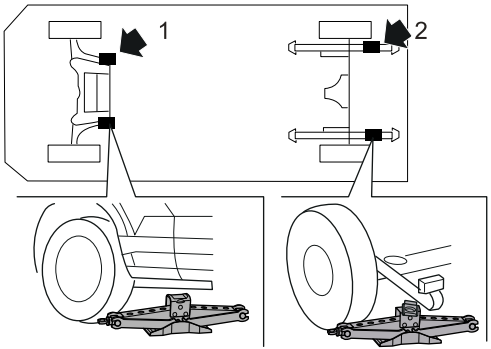
Positioning jack

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.

Set jacking points near the wheel to be replaced. Position the jack directly on the firm and level ground under the jacking points, apply the jack auxiliary rotating extension bar and wheel nut wrench and turn until the jacking head enters the jacking point.

The jacking point for the front wheel is at the bolt head of subframe and swing arm (1).

Jacking point for the rear wheel: with the jacking head turned by 45 degrees, the jacking point is at the leaf spring (2).



Replacing with spare tire

During the lifting, do not start the drive motor. 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.

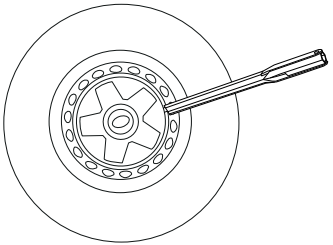
Replaced wheel, jack and vehicle tool kit must be stored in specified location. Otherwise they may cause damage or personal injury during impact or heavy braking if casually or improperly placed.

1 Remove the spare tire (See “Spare tire” in this section).

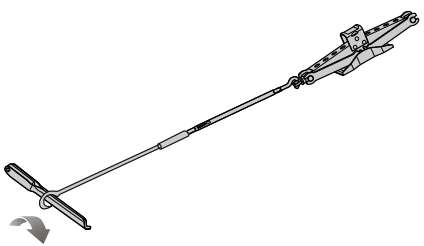
2 Check the jack is still perpendicular to the jacking points; Change position when necessary.

3 Slacken the wheel securing nuts counterclockwise with the wheel nut wrench in the vehicle tool kit, and remove the wheel securing nuts and wheel trim cover.

Note: For models configured with single tire center trim cover: before removing the wheel securing nuts, pry the wheel trim cover off with one end of the wheel nut wrench.



4 Lift the vehicle with the jack. Install the auxiliary rotating extension bar and turn the wheel nut wrench clockwise until the wheel to be replaced is just off the ground.

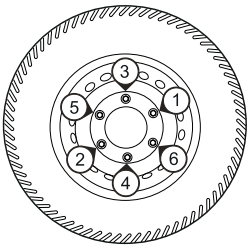


5 Carefully remove the wheel.

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±18Nm.



9 Install the wheel trim cover in the opposite way.

10 Put away the replaced wheel, wheel nut wrench, jack and vehicle tool kit.

Caution
Be sure to fully lift and tighten the spare tire after the replacement. For steel wheel models, the replaced wheel can be placed at the spare tire position. Since the tire is damaged and flat, it may not be securely fastened. If the replaced wheel is not placed back to the spare tire position, and the wire rope is retracted under no-load condition, it may be easily to cause the wire rope to stagnate in the next use, thus leading to the failure to lower the spare tire smoothly. Therefore, it is necessary to have a person under the vehicle keep pulling the spare tire, to avoid wire rope stagnation. For aluminum wheel models, the replaced main tire cannot be placed back to the spare tire position. Please temporarily put it in the compartment and contact our Service Dealer for the repair of the damaged main tire.

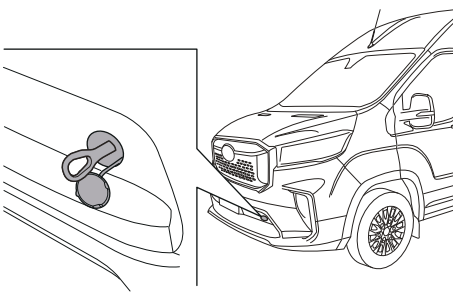
Towing vehicle

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

Towing hitch

Front towing hitch

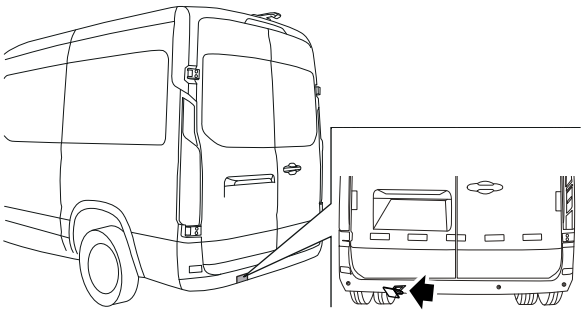
If this vehicle is to be towed from the front, tighten the towing hitch to the left side of front bumper. This towing hitch is placed in the vehicle tool kit.



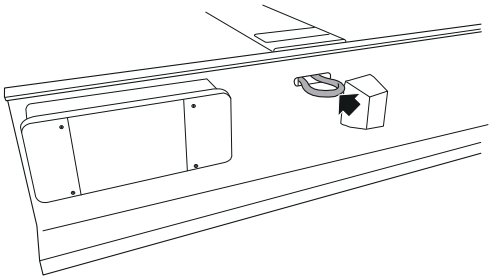
Rear towing hitch

Towing hitch in the rear of the vehicle can be used to tow other vehicles from behind. Before use, remove the plastic cap of the towing hitch.

Type 1



Type 2



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.

Towing

It is forbidden to tow the vehicle with its front wheels on the ground, otherwise it will cause serious damage to the drive system.

Never allow other vehicle to tow your vehicle only with rope or iron chain.

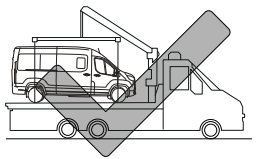
When moving the vehicle in emergency, the moving speed shall be less than 5km/h.

Caution
Inform the rescue personnel that the vehicle being towed is an electric car before towing. Please read the Driver's Handbook. • When the wheels are not locked:To prevent the reducer from entering P (parking) gear, before towing, please turn the ignition switch to "ON" position, apply the brake and put the transmission in N gear, release the hand brake or EPB, before towing, disconnect the manual service disconnect on the high-voltage battery pack. When being towed, the vehicle must be towed with the front wheels off the ground, and the following three towing methods are only recommended. When loading/unloading a vehicle from the towing vehicle or moving a vehicle, with its front wheels on the ground, the moving speed shall be less than 5km/h.

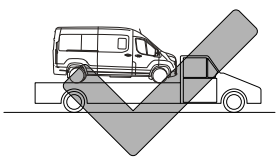
Caution
• The wheels are locked (i.e. under the circumstances where the reducer enters P gear or the wheels are locked and cannot be unlocked): 1 Use the crane flat-bed trailer to conduct the towing rescue, completely lift the vehicle on the flat-bed trailer, fix the vehicle on the trailer using eight-point strapping method, and start the towing. 2 When using the trailing trolley to tow the vehicle, please lift the front wheels of the vehicle, and place the rear wheels on the small trolley (off the ground). When the vehicle is towed with this method, the towing speed shall not be higher than 30 km/h (subject to the limiting speed of small trolley) and the towing distance shall not exceed 50 km.

Recommended method for being towed

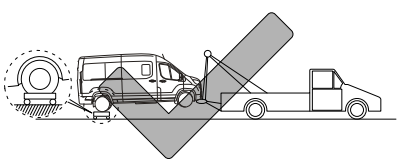
- Use the crane flat-bed trailer to tow (recommended first)



- Use the flat-bed cargo truck to tow

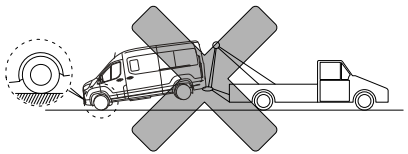


- Use the trailing trolley to tow

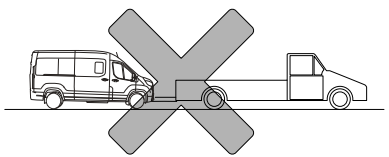


Prohibited method for being towed

- DO NOT tow the vehicle with its front wheels on the ground



- Do NOT tow the vehicle with ropes



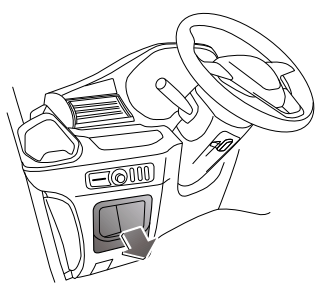
Replacing fuse

Fuses of this vehicle are located in the driver compartment fuse box, front compartment fuse box and the battery fuse box respectively.

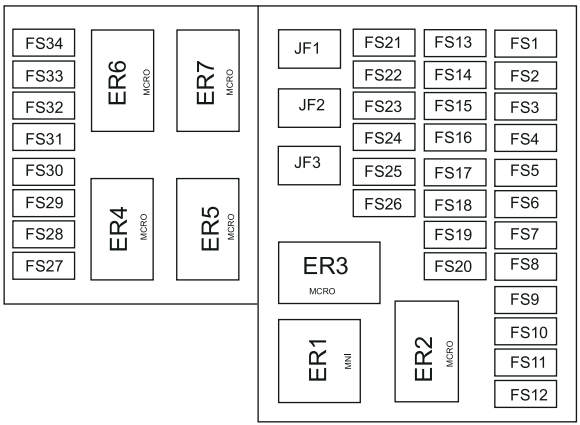
Caution
Spillage of liquid to any electric components in the vehicle may damage the components, so it is required to cover any electric components. The content of the fuse specification list according to the vehicle configuration and technical status will be constantly updated, please refer to actual state of your vehicle.

Driver compartment fuse box

The driver compartment fuse box is located at the lower left side of the steering wheel. Fuse can be accessed by just removing the cover of driver compartment fuse box.



Fuses in driver compartment fuse box can be identified with labels printed on the back of fuse box cover.



Specification

Code	Specification	Function
JF1	60A	Reserved
JF2	40A	Reserved
JF3	30A	Reserved
FS1	10A	A/C Control Panel / LCA / Alcolock / Blower Relay / Mirror Switch/ DAB
FS2	10A	Lane Departure Assist / Digital Video Recorder / Tyre Pressure Module / Rear Vision Camera / FVCM

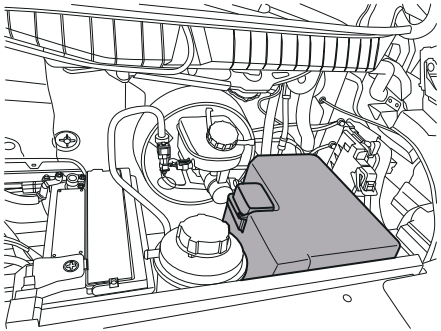
Code	Specification	Function
FS3	7.5A	Reserved
FS4	5A	Rain / Solar Sensor / Light Sensor
FS5	5A	Reserved
FS6	10A	Transmission Shift Lever
FS7	5A	Ignition Switch / Anti-theft Coil
FS8	5A	Fire Extinguisher Switch
FS9	10A	Rear Hot Blower Feedback
FS10	10A	Rear Blower Feedback
FS11	25A	Steering Wheel Heating KL15
FS12	15A	PEPS
FS13	5A	Lane Departure Assist / Rear Vision Camera / RF Module / Rear PTC / FVCM / DMS / DVR EU KL15
FS14	5A	PEB / CDU / VCU / BMS / AVAS / Fire Extinguisher KL15
FS15	5A	Electric Power Steering KL15
FS16	10A	Airbag Control Module KL15
FS17	10A	Instrument / Gateway / PEPS / EPB KL15
FS18	5A	ABS/ESP / Steering Angle Sensor / ESP CONTROLKL15
FS19	10A	Gear Shifter KL15

Code	Specification	Function
FS20	10A	Front/Rear A/C Control Panel / Headlamp Leveling Switch / Central Control Switch / Trailer / EPB Swtich / PDC / LCA / PTC_EV / Seat Heat / XBS / DCDC Regulator / EPB / Trailer Module / IBDU KL15
FS21	10A	Blower Feedback Signal
FS22	10A	Rearview Mirror Heating
FS23	10A	OBD / Window Brake / LCA
FS24	10A	Rearview Mirror Control / Radio / Driving Video Recorder / Front Blower / Rear Blower / PEPS / Rear Hot Blower / Ecall / MP5 / USB ACC
FS25	15A	Cigar Lighter ACC
FS26	10A	Gateway / BCM / VCU / AVM / Trailer ACC
FS27	30A	12V Socket
FS28	7.5A	Reserved
FS29	10A	Reserved
FS30	10A	Reserved
FS31	25A	Reserved
FS32	10A	Reserved
FS33	10A	Reserved
FS34	10A	Reserved

Code	Specification	Function
ER1	/	Rear Blower Relay / Ecall Mute Relay
ER2	/	IG1 Relay
ER3	/	ACC Relay
ER4	/	Rear Defrost Relay
ER5	/	Reserved
ER6	/	Reserved
ER7	/	Reserved

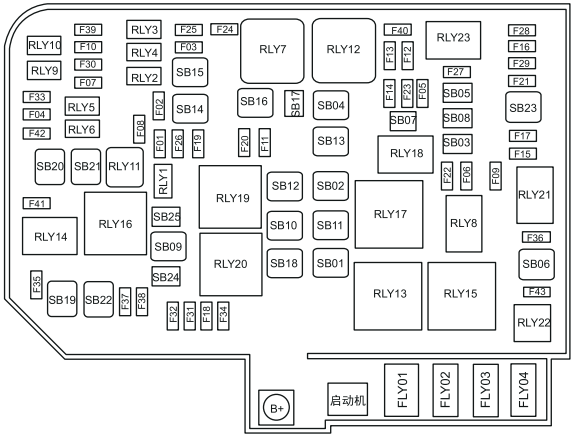
Front compartment fuse box

The front compartment fuse box is located at the right of front compartment (viewed from the front of vehicle).



Caution
Before opening the fuse box cover, make sure its surroundings are dry and no fluid flow from any direction into the opened fuse box, otherwise the fuse box will be damaged, leading to serious consequences.

Fuse can be accessed by just removing the cover of front compartment fuse box. Fuses in the front compartment fuse box can be identified by the label printed at the back of the fuse box cover.



Specification

Code	Specification	Function
FLY01	250A	CDU (Charging and Distribution Unit Assembly) / CCU
FLY02	100A	EPS (Electric Power Steering)
FLY03	80A	PWM Fan Fuse 1
FLY04	80A	PWM Fan Fuse 2
SB01	50A	Cooling Fan 1
SB02	50A	Cooling Fan 2
SB03	30A	Defrost
SB04	40A	Instrument /T-BOX / Screen

Code	Specification	Function
SB05	30A	IGN Power Supply
SB06	40A	ACC Power Supply
SB07	30A	Front Wiper
SB08	30A	Power Pedal
SB09	40A	Rear Blower
SB10	40A	XBS
SB11	60A	ABS/ESP Pump
SB12	40A	Front Blower
SB13	50A	Air Suspension
SB14	25A	Air Suspension
SB15	30A	Central Control Lock / Interior Lamp
SB16	30A	Exterior Lamp
SB17	30A	Vacuum Pump
SB18	40A	Rear Hot Blower
SB19	20A	EPP MCU
SB20	20A	EPP MCU
SB21	30A	Reserved
SB22	40A	Reserved
SB23	40A	ABS/ESP Valve
SB24	15A	Seat Heating
SB25	30A	Tire Repair

Code	Specification	Function
F01	10A	Reserved
F02	15A	Horn
F03	15A	Front Fog Lamp
F04	30A	Front Wiper
F05	10A	Main Relay Power Supply (FAN)
F06	30A	Reserved
F07	10A	Reserved
F08	10A	VCU/CDU
F09	15A	Reserved
F10	7.5A	Reverse Lamp
F11	30A	Trailer Control Module
F12	10A	Main Relay Power Supply 1 (VCU)
F13	20A	Main Relay Power Supply 3 / Water Pump
F14	20A	Main Relay Power Supply 2 (VCU)
F15	30A	EPB R
F16	10A	Compressor / EVCC
F17	15A	PEB
F18	30A	Cockpit Fuse Box / A/C / DLC
F19	15A	Freezer Car
F20	30A	Trailer Control Module

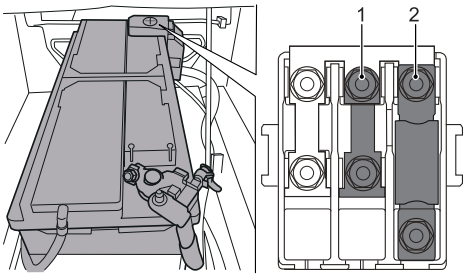
Code	Specification	Function
F21	15A	Radio/MP5
F22	25A	Reserved
F23	20A	Water Pump
F24	10A	Reserved
F25	30A	EPB L
F26	10A	Front Washer
F27	10A	Brake Switch / DCDC / Gateway 1
F28	10A	Instrument / Screen / T-BOX
F29	15A	Reserved
F30	10A	BMS
F31	25A	Power Window at Driver Side
F32	25A	Power Window at Front Passenger Side
F33	10A	Tail Gate Lock
F34	30A	Central lock
F35	20A	Electric Sliding Door
F36	30A	Reserved
F37	30A	Trailer Control Module
F38	30A	Reserved
F39	10A	ACU
F40	20A	Reserved
F41	20A	Reserved

Code	Specification	Function
F42	10A	Reserved
F43	15A	Reserved
RLY1	/	Reserved
RLY2	/	Horn Relay
RLY3	/	Front Left Fog Lamp Relay
RLY4	/	Front Right Fog Lamp Relay
RLY5	/	Front Wiper Relay
RLY6	/	Front Wiper High/Low Speed Relay
RLY7	/	Vacuum Pump Relay
RLY8	/	Reserved
RLY9	/	Reserved
RLY10	/	Reverse lamp relay
RLY11	/	Reserved
RLY12	/	Main Relay
RLY13	/	Primary / Secondary Fan Low Speed Relay
RLY14	/	Reserved
RLY15	/	Primary Fan High Speed Relay
RLY16	/	Reserved
RLY17	/	Secondary Fan High Speed Relay
RLY18	/	Reserved

Code	Specification	Function
RLY19	/	Front Blower Relay
RLY20	/	Rear Hot Blower Relay
RLY21	/	Reserved
RLY22	/	Reserved
RLY23	/	Reserved

Battery fuse box

The battery fuse box is located on the battery positive terminal under the driver's seat.



Specification

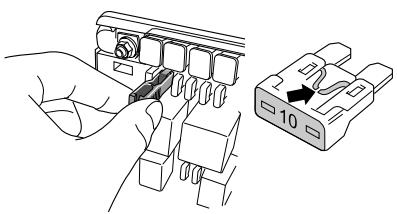
Code	Specification	Function
1	200A	Front Compartment Fuse Box
2	250A	CDU(Charging and Distribution Unit Assembly)

Fuse replacement

Only replace with fuses of the same specifications and rated current. Installing nonspecific fuse will damage electrical system and even cause fire. Before attempting to replace the fuse, ignition switch and all electrical devices shall be turned off. Any unauthorized change to vehicle electrical system will cause serious adverse effect and fire on the electronic management system.

Pull the fuse outward with puller provided in fuse box to remove the fuse. Internal wiring of the fuse can be used to identify blown fuse (arrowed).

Note: Repeated failure with the same fuse is the indication of circuit failure. Please contact Service Dealer.



Caution
Unauthorized changes to electrical system will make warranty invalid.

Replacing bulbs

Before replacing any bulbs, turn off ignition switch 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 bulb of the same category and specification as the original one.

Bulb specification

Bulb	Specs
Front fog light	H8
Front direction indicator	PY21W
High beam	H7
Low beam	H7
Rear fog light	P21W
Reverse light	W16W
Rear direction indicator	PY21W
Brake light (Type 1)	P21W
Rear position light/brake light (Type 2)	P21/5W
License plate light	W5W
Front roof vanity light	W5W
Rear roof vanity light	W5W
Stepwell light	C5W

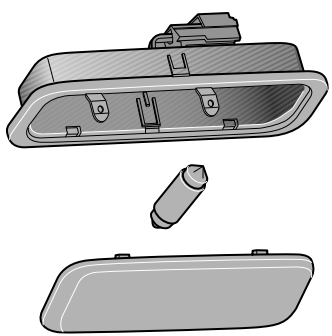
Bulb replacement

Bulb removal procedures are as below (no re-description for installing procedures as they are the reverse of removal) and for other bulbs not listed for replacement, our Service Dealer shall be contacted for inspection as soon as possible.

Rear roof vanity light

Carefully pry up the lamp shade with a screwdriver or equivalent.

Remove the faulty bulb.



Maintenance and Service

Scheduled 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 should make at regular intervals before driving to ensure reliable, economic operation:

Daily checks

- The function of lighting (make sure all lens are clean), horn, instrument cluster, warning lamps and indicator lamps, wipers and washers.
- Operation of seat belts.
- Correct functioning of brakes.
- Visually check if there is water, oil and other leakage under the vehicle.

Weekly checks or check before a long journey

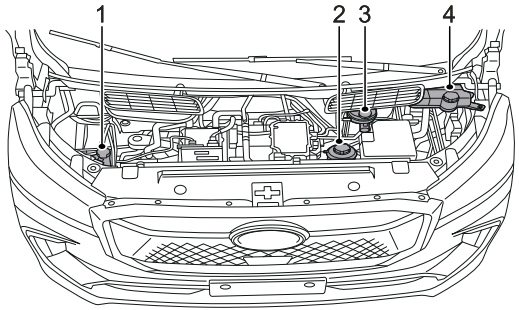
- Check for fluid level / fluid fill-up.
  - Coolant
  - Windshield washer fluid
  - Brake fluid
- Check for condition and pressure of all tires (including spare tires).
- Check and operate AC system.

Arduous use

For vehicles often subject to arduous use it is recommended that service intervals are reduced.

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

Front compartment



1 Washer fluid reservoir

2 Electric drive system coolant reservoir

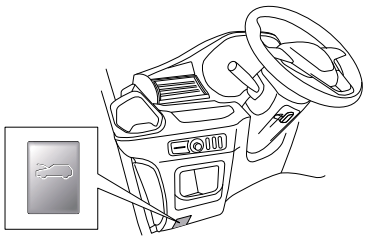
3 Brake fluid reservoir

4 Battery circulation coolant reservoir

Front compartment hood

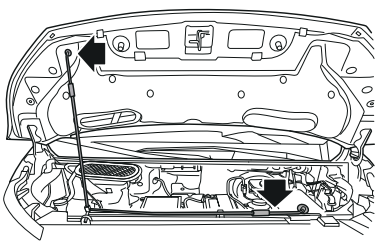
Open hood

1 Pull the hood release switch below the driver side lower guard to release the hood.



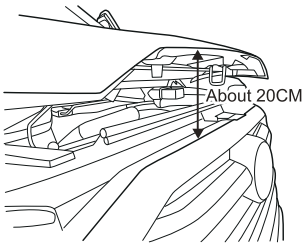
2 Lift the front of the hood slightly, fully push the safety catch all the way to the right side and lift the hood with your right hand.

3 Lift the support rod with your left hand, and install the end of it into the mounting slot in the hood.



Close hood

When closing, support the front of the hood with one hand, pull the support rod out of the mounting slot with the other hand and clip it into the fixing points horizontally, then close the hood. When the front of the hood is approximately 20cm from the front bumper, let the hood close by gravity. Finally attempt to lift the hood to check if the locking mechanism is properly engaged.



Caution
Before closing, check that no tools, rags, equipment, etc. left under the hood.

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 specifications see “Recommended fluids” in General Technical Parameters section.

At specified intervals the cooling system should be drained, flushed and refilled with the correct amount of coolant.

Caution
When charging 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.

Inspection and refill

Do not remove the reservoir cap while the system is hot, for escaped water vapor or hot coolant may cause injury. If coolant has to be charged when the system is hot, wait for 10 minutes, place a thick cloth over the reservoir cap and turn the cap slowly counterclockwise to release the pressure in the reservoir before removing the cap.

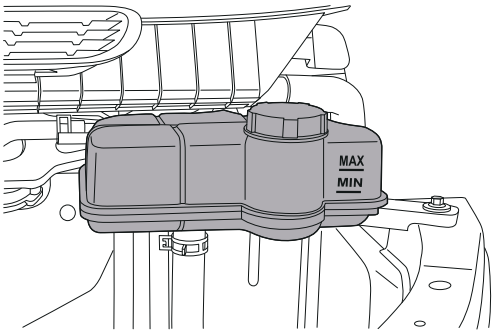
Always check the coolant level with the vehicle on level ground and the cooling system stationary (cold condition).

The level is visible on the coolant reservoir and the normal level shall be between MAX and MIN marks.

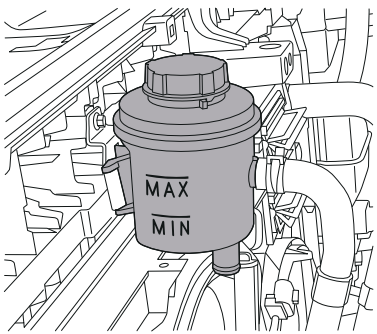
If the level drops to the MIN mark, clean the area around the coolant reservoir cap and rotate the cap counterclockwise to remove it. Top up with the specified fluid between MAX and MIN marks. Install the reservoir cap.

Note: The coolant may expand when it becomes hot, so the liquid level may be higher than the level mark.

Battery circulation coolant reservoir



Electric drive system coolant reservoir



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°C (with the mixture ratio of coolant stock solution and water of 1:1), it is necessary to park the vehicle in areas where the coolant temperature can be maintained above -35°C.
- If you are using your vehicle in extremely cold areas where the ambient temperature is below -35°C, please use the coolant of appropriate proportion based on the local temperature. (Refractometer T10007 can be used to detect the freezing point of the coolant)

Brake fluid

If there is an appreciable drop in the level of the brake fluid, contact Our Service Dealer as soon as possible.

Use only new, specified brake fluid. Use of old or unspecified fluids can cause loss of braking performance.

Brake fluid cleanliness is essential. Any dirt entering the system can cause loss of braking performance.

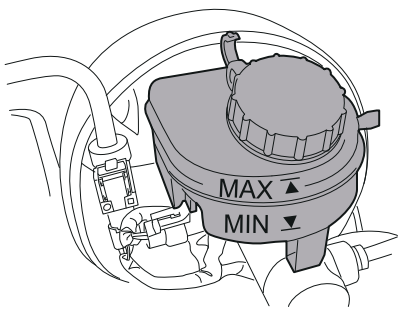
Do not allow brake fluid to contact the skin or the eyes; If it does, rinse immediately with plenty of water. Keep brake fluid out of the reach of children.

Caution
• Only top up the brake master cylinder with brake fluid complying with specification DOT4. Do not use any other type of brake fluid. • Brake fluid will damage paintwork if allowed to contact it. Wipe clean immediately and flush with water.

Never discard used brake fluid casually to avoid polluting the environment.

Inspection 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 counterclockwise to remove the reservoir cap. Fill up specified new brake fluid between MAX and MIN marks and install the reservoir cap.



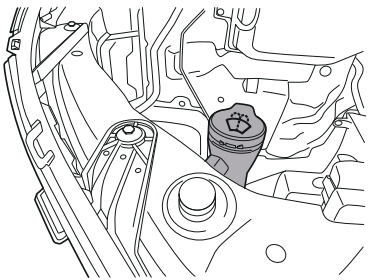
If the level falls below MIN mark, "brake system warning light (red)" on information cluster will light on. This indicates a fault in the braking system which must be investigated immediately. If driving, IMMEDIATELY bring the vehicle carefully to a halt. Contact our Service Dealer for service as soon as possible. Do NOT drive the vehicle.

Washer fluid

Inspection and refill

Driving with a non-operational washer system can be dangerous; always check it before driving.

The windshield washer reservoir is located in the front compartment. To top up, lift the front of the filler cap to fill washer fluid and then reinstall it. Washer fluid specification see “Recommended fluids” in General Technical Parameters section.



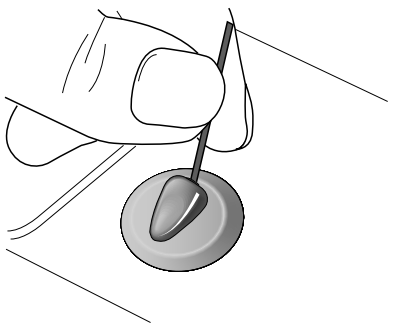
Caution
Do not use washer fluid that does not comply with requirements. Do not use tap water as mineral substance in tap water will easily block windshield washer fluid pipeline or jet.

Washer jet

Adjusting and cleaning

Prior to carrying out jet adjustment or cleaning, ensure that the washer reservoir is topped-up. Use a piece of thin wire or a pin to carefully clean the jets if the jet is blocked.

The direction of washer jet has been set in manufacturing works and normally no adjustment is required. If any adjustment is required, carefully insert a fine needle into the jet hole to re-position the jet to direct the spray direction towards the middle of the windshield.

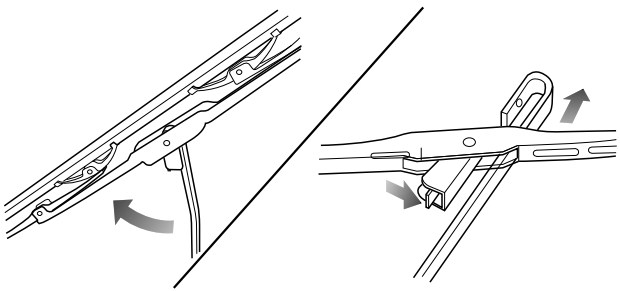


Wiper blade

Inspection

Examine the edge of the blade for roughness or damage, and check that the blade rubber is secure throughout its length.

Note: Traces of grease and other impurities on the rubber can prevent the wipers from working correctly, and can also damage the windshield glass.



Replacement

Removal

- Lift the wiper arm from the windshield, then make the blade and arm maintain at a right angle.

- Push down the clip (arrow direction), then slide the blade bracket to the lower side of the arm so that the pivot on the bracket can be separated from the hook on the arm.

Note: Remember the relative location of hook and bracket because the replacement blade is required to be fitted later in the same way.

Installation

- Install the blade holder on the hook.

- Snap the pivot into the hook and push it in place, until hearing an audible sound of snapping into place.

Maintenance and service

Wash with good cleaner or neutral detergent and wipe clean with soft dry cloth that is free of lint.

Seat belt

Inspection

The belts also have a sensitive retractor which is designed to lock only during heavy acceleration, deceleration or, for example, on tight bends.

Do NOT attempt to test the locking device by intentionally "launching" your upper torso in a forward direction.

Check ALL seat belts as follows:

- Inspect all belt anchorage points for security.
- Insert the tongue into the buckle and check for a positive locking action. Push the red button and check if the locking tab pops neatly.
- With the belt half unreeled, hold the tongue and give it a sharp pull. Check if the safety device 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 in warm water and mild soap; it can be naturally dried, and should not be directly heated or exposed to sunlight. Do not allow water to enter the retractor. Never bleach or color seat belt as its strength may be reduced.

Battery

Warning on battery :

 Wear goggles!

 The acid liquor in battery is strongly corrosive. Ensure to wear protective gloves and goggles!

 Any open fire, spark, hard light and smoking is strictly forbidden!

 Explosive gas mixture may be generated during battery recharging!

 Ensure to keep any child away from the acid liquor and the battery!

There may be risks of injury, corrosion, accident and fire during operations on the battery and any electric apparatus in the vehicle!

Ensure to wear goggles. Do not let any acid or leaded grains into your eyes or onto your skin or clothes.

The acid liquor in battery is strongly corrosive. Ensure to wear protective gloves and goggles.

Do not turn over the battery, or acid liquor may be discharged from the exhaust vent. If any acid liquor touched your eyes, immediately flush with clean water for several minutes before seeing the doctor. If any acid liquor spills onto your skin or clothes, immediately neutralize it with thick liquid soap, and then flush with plenty of water. If any acid liquor is swallowed accidentally, see the doctor immediately.

Any open fire, spark, hard light and smoking is strictly forbidden. During working on cables and electric devices and removing electrostatic loads, avoid generating any spark. The electrodes of battery can NEVER be short-circuited, or may cause injury due to large energy spark.

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 liquor and the battery.

Turn off the drive motor, ignition switch and all the electrical appliances before working on electrical appliances. Remove the negative cable of battery. When replacing bulbs, only the lights are required to be shut down.

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 of the electric devices should be shut down. First connect the positive cable, then the negative one. Never connect the cables incorrectly - risk of fire!

Unauthorized removing and installing of battery is strictly forbidden. In some cases, such operations may cause severe damage to the battery and fuse box. Please contact Our Service Dealer.

Do not disconnect the battery when the ignition switch is on or the drive 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 recharged. To avoid such case, charge the battery or disconnect the battery negative cable during the vehicle parking.

Note: Please pay attention to the warnings & instructions for battery before working on it.

Caution
Ensure to turn off the ignition switch during storing, otherwise the storing duration can be reduced significantly.

Operating in winter

There are some strict requirements on operating the in-car battery in winter. In addition, the battery can only provide the starting power which is a part of that in normal temperature. We suggest to have the in-car battery checked by Our Service Dealer before the cold season, and recharge it if necessary.

If the vehicle is not used for weeks in cold season, please remove the in-car battery and store in an ice-free room, to prevent it from freezing and damage.

Recharging the battery with ground equipment

Do not recharge any frozen battery, or may cause explosion! Even if the battery is unfrozen, there may

be acid liquor spilling out and cause corrosion. Any frozen battery must be replaced.

Turn off the ignition switch and all of the electric devices before recharging.

If the vehicle has been stored for long term and cannot be started due to undervoltage (general terminal voltage≤12V), the battery must be removed from the vehicle and recharged with ground equipment (follow the instructions provided by the manufacturer of the recharging equipment.

During recharging with low current (e.g., a small recharging device), it is unnecessary to remove the connecting cables of battery. However, please ensure to read the instructions from the manufacturer of the recharging device.

Before quick recharging (i.e., high current recharging), both of the cables must be removed.

Note: Please pay attention to the warnings & instructions for battery before working on it. During recharging, the recharging device can only be connected after the terminal clamps of recharging device is connected to the electrodes of battery as required. After the recharging is finished, firstly turn off the recharging device, remove the power cable, and then remove the terminal clamps of recharging device from the battery.

Caution
• Keep any child away from the battery, acid liquor and recharging device. • The battery can only be recharged in space with good ventilation. Smoking is strictly forbidden. Ensure to keep away from open fire and sparks, because explosive gas mixture may be generated during recharging of the battery. • Protect your eyes and face, never be too close to the battery. • If any acid liquor touched your eyes or skin, immediately flush with clean water for several minutes before seeing the doctor. • There is a risk to quickly recharge the battery, which should be done by Our Service Dealer due to requirements on the special recharging device 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 acid liquor and damage to the vehicle.

Removing the battery

Shut down the ignition switch and all of the electric devices before removing the battery.

To remove the battery, firstly remove the negative cable and then the positive cable. And then remove the bolt on the mounting bracket of battery to remove the battery.

Replacing the battery

The battery installed on your vehicle is designed for the corresponding mounting location. To replace the battery, please ensure to use one with the same voltage (12V), structure and safety label. The current strength and capacity should be same with the original battery. Our Service Dealer can offer you with genuine batteries.

When replacing the battery, please ensure that the ignition switch is powered off and all of the electric devices are shut down.

Concerning the disposal of used battery, it is suggested to have the battery replaced by Our Service Dealer. Additionally, the battery can never be treated as household garbage because it contains sulfuric acid and lead.

Installing the battery

Before installing the battery, please power off the ignition switch and shut down all of the electric devices. Locate the battery into the desired position, and fix it with battery bracket. When connecting the battery, please fix the positive cable before the negative cable.

Caution
To prevent the battery from discharging, please turn off the ignition switch when you leave the vehicle.

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℃. Vehicle cannot be parked for over 20 hours in a place where temperature is lower than -30℃. Vehicle shall not be parked for more than 7 days in a place where temperature is above 45℃. 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.

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 he 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 or damaged, or is inflated to an incorrect pressure.

Frequently inspect the tires and sidewalls for any sign of distortion (bulges), cuts or wear. Flints 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.

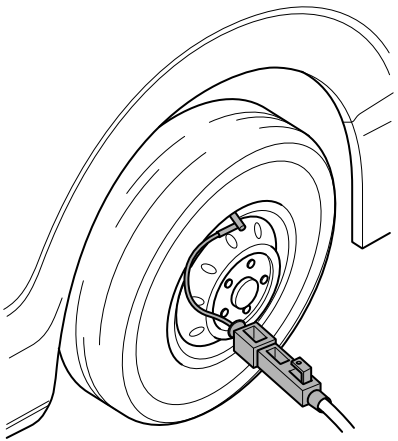
Check the tire pressures weekly, including the spare tire, and if necessary, adjust in accordance with pressure requirements on the "tire pressure sign" on the B pillar. This Handbook introduces the correct tire pressure in cold condition, see “Wheel and tire” in General Technical Parameters section.

The spare tire should be maintained at the highest recommended pressure and adjusted before use. Pressure

should be checked with an accurate Tire Pressure Gauge when the tire is cold instead of decreasing the value under warm condition as the pressure will be higher than normal pressure due to temperature. Always refit 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.

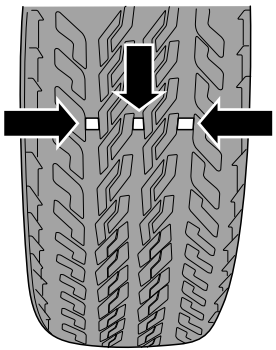


See “Tires” in Starting and Driving section.

Wear indicator

There is wear indicator in tread for all original tires. When the tire has worn down until 1.6 mm of the tread is remaining the wear indicator 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.

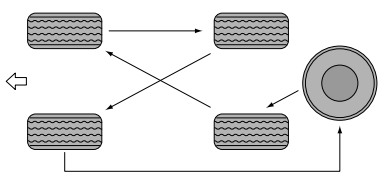


Tire check and rotation

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 cleaning

For the first driving after washing the vehicle, gently apply the brake pedal several times to ensure all moisture is removed from the brake discs.

Carefully clean tires. Never use a high pressure jet as it may damage tires. If any damage found, replace the tire.

Flushing water on the forepart of the interior car (close to the dashboard area) is prohibited so as not to cause any damage to some related parts.

Never flush the front compartment, battery compartment and surrounding connectors 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 impair vehicle paint in extremely cold weather.
- No vehicle washing under strong direct sunlight during hot weather.
- Use special vehicle cleaner to remove grease and tar spots on vehicle body and while still wet, wash the paintwork using a soft sponge and generous quantities of water containing car shampoo. Rinse thoroughly and dry off with a chamois leather.

- When cleaning the vehicle with a hose, it is prohibited to spray the water directly to the window, the door, or the brake through the gap of the wheel.
- After cleaning, inspect the paintwork for damage and stone chips; apply touch-up paint if necessary. Use the polishing wax to protect the paintwork from time to time.
- When using high pressure cleaning equipments, the water jet shall be kept moving. Do not directly wash the radiator, door gap, seals, electrical components or components connected to it.

Note: Remove apparently harmless looking but actually aggressive particles from the paintwork immediately - e.g. bird droppings, tree resins, insect remains, tar spots, road salt and industrial fall-out. 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 seal

To prevent rubber door seals freezing during cold weather, rubber maintenance products or silicone spray shall be used for protection.

Window glass

Often use glass cleaner to clean window glass.

The headlamp lenses are clear plastic. Use good cleaner or neutral detergent rather than abrasive or chemical solvent to wash.

Exterior trimming

Do not use chemical solvents to wipe, especially avoid using reagents containing benzene and naphtha solvents.

General Technical Parameters

Major vehicle dimension parameters

Model	SV63C-6610	SV63C-6620	SV63C-7620	SV63C-G629	SV63C-G639
Driving type	Front drive				
Length, mm	5546	5940	5940	6200	6680
Width, mm	2062	2062	2062	2052	2052
Height, mm	2515	2515	2730	2310	2310
Wheelbase, mm	3366	3760	3760	3760	4048
Front/Rear suspension, mm	1020/1160	1020/1160	1020/1160	1020/1420	1020/1612
Front/Rear track, mm	1734/1756	1734/1756	1734/1756	1734/1756	1734/1756
Minimum turning circle diameter, m	13.4±1	14.8±1	14.8±1	14.8±1	15.8±1

Vehicle weight parameters

Model	SV63C-6610				SV63C-6620							
Capacitance of high-voltage battery pack, kWh	77	88.8	77	88.8	77	88.8	77	88.8	77	88.8	77	88.8
Gross vehicle weight, kg	3500				3500							
Curb weight of a vehicle, kg	2460	2530	2480	2550	2520	2590	2645	2715	2540	2610	2520	2590
Axle load (Front/rear axle load under gross vehicle weight), kg	1660/1840				1740/1760							
Passenger capacity	3		3		3		7		3		3	

Model	SV63C-7620						SV63C-G629		SV63C-G639	
Capacitance of high-voltage battery pack, kWh	77	88.8	77	88.8	77	88.8	77	88.8	77	88.8
Gross vehicle weight, kg	3500						3500		3500	
Curb weight of a vehicle, kg	2580	2650	2695	2765	2600	2670	2155	2215	2165	2225
Axle load (Front/rear axle load under gross vehicle weight), kg	1750/1750		1765/1735		1750/1750		1660 ~ 1740/ 1760 ~ 1840	1685 ~ 1760/ 1740 ~ 1815	1715 ~ 1775/ 1725 ~ 1785	1735 ~ 1800/ 1700 ~ 1765
Passenger capacity	3		7		3		3		3	

Dynamic performance parameters

Model	SV63C-6610				SV63C-6620							
Capacitance of high-voltage battery pack, kWh	77	88.8	77	88.8	77	88.8	77	88.8	77	88.8	77	88.8
Gross vehicle weight, kg	3500				3500							
Max. speed, km/h	100				100							
Max. reverse speed, km/h	30											
Max. gradeability, %	25											
Accelerating ability (Accelerating time from 0 to 50 km/h), second	7											
Driving range (WLTP condition), km	294	328	294	328	294	328	289	323	294	328	294	328

Model	SV63C-7620					
Capacitance of high-voltage battery pack, kWh	77	88.8	77	88.8	77	88.8
Gross vehicle weight, kg	3500					
Max. speed, km/h	100					
Max. reverse speed, km/h	30					
Max. gradeability, %	25					
Accelerating ability (Accelerating time from 0 to 50 km/h), second	7					
Driving range (WLTP condition), km	284	318	279	313	284	318

General Technical Parameters

Model	SV63C-G629		SV63C-G639	
Capacitance of high-voltage battery pack, kWh	77	88.8	77	88.8
Gross vehicle weight, kg	3500		3500	
Max. speed, km/h	100			
Max. reverse speed, km/h	30			
Max. gradeability, %	25			
Accelerating ability (Accelerating time from 0 to 50 km/h), second	7			
Driving range (WLTP condition), km	181 ~ 200	221 ~ 238	172 ~ 182	202 ~ 220
	Note: These are the reference values. The driving range will be different with different conditions and modifications.			

Drive motor parameter

Model	TZ202XSSQC
Type	Permanent magnet synchronous motor
Rated speed, r/min	4215
Peak speed, r/min	15000
Rated power, kw	75
Peak power, kw	150
Rated torque, Nm	170
Peak torque, Nm	330
Working voltage of motor, V	384

Chassis technical parameters

Items	Parameters
Front suspension	Mcpherson independent suspension
Rear suspension	Leaf spring non-independent suspension
Leaf spring type	Taper leaf spring
Leaf spring specification	80, 100, 110 (N/mm)
Wheel dynamic balance requirement	Residual dynamic unbalance on both sides of wheel assembly shall be less than 10g
Sound free travel of brake pedal	within 10 mm
Reasonable application range of brake friction pair	At least 2mm remaining before wearable material reaching its wear limit

Recommended fluids

Item	Specification	Capacity
Electric drive system coolant, L	D-35(-35℃)	4
Battery(77kWh, 88.8kWh) circulation coolant, L	D-35(-35℃)	10.5
Brake fluid, L	Laike 901-4 DOT 4	1
Reducer lubricating fluid, L	Castrol BOT 352B1BEV	0.8±0.05
Washer fluid, L	General low freezing point detergent	4
Air conditioning refrigerant, g	R1234yf	650±30(It applies to vehicles configured with single air-conditioning non-liquid cooled) 700±30(It applies to vehicles configured with single air-conditioning liquid cooled)

Wheel and tire

Item	Parameter		
Wheel specification	6 1/2J×16		
Tire size	215/75R16C		
Tire load index	116/114		
Tire speed symbol	Not less than R (170 km/h)		
Vehicle type	Minibus/COMBI/VAN/Platform Vechile	CAB	CAB
Gross vehicle weight, kg	≤4050	< 4050	4050
Tire pressure of front/rear wheel (cold condition), bar	4.0/4.75	4.0/4.75	4.2/5.2
Tire pressure of spare wheel (cold condition), bar	4.75	4.75	5.2

Wheel alignment parameters

Item		Parameter
Front Wheels	Camber	0.067°±0.75° Absolute value of difference between left and right wheels≤0.75°
	Kingpin Caster	2.1°±0.75° Absolute value of difference between left and right wheels≤0.75°
	Toe	0.083°±0.083° Absolute value of difference between left and right wheels≤0.1°
	Kingpin Inclination	12.6°±0.5° Absolute value of difference between left and right wheels≤0.5°
Rear Wheels	Toe	0°±0.417°
	Camber	0°±0.75°
	Rear Axle Thrust Angle	0°±0.3°