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

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Introduction

About this handbook

This Handbook applies to T60 series multi-purpose truck.

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

The applicable executive enterprise standard is Q31/0110000019C034.

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

Indicative information

Warning

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

Caution

Caution
Relevant procedures must be followed to avoid the possibility of vehicle damage.

Note

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

Environmental protection

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

Arrows

It represents the described object.

It represents its direction of motion.

See

The contents are referred by the "Section" title.

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, power steering fluid, fuel, washer fluid, lubricants, refrigerant and various adhesives. Always read carefully the instructions printed on the labels or stamped on components and obey them implicitly. These instructions are for the sake of your health and personal safety. Please treat them with prudence.

For your safety, observe instructions contained in this Handbook.

Children / Animals

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

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

Personal safety

Seat belts are fitted to all seats in your vehicle to reduce the possibility of personal injury in the event of an accident. It is required that all passengers wear 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.

See "Occupant restraint system" in Before You Drive section. Mishandling of an airbag may cause personal injury.

Vehicle identification

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

The engine number may also be required if the engine is involved during communication.

Vehicle identification number (VIN)

Vehicle identification number (VIN) on the vehicle:

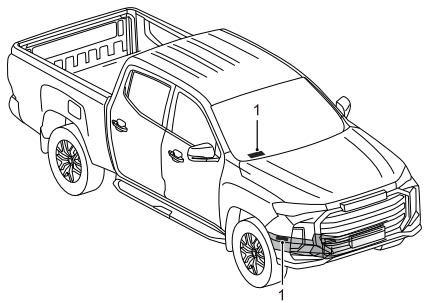
- On the right front girder of vehicle (seal position).
- On the VIN plate on the left B pillar.
- On the windshield lower cross member at the right lower corner of the windshield through where the VIN can be seen easily.

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

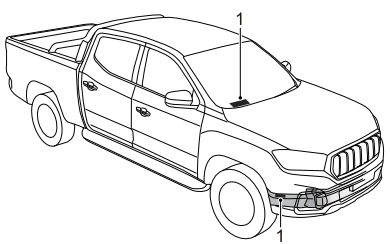
Engine number

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

Type 1



Type 2



1 Vehicle identification number (VIN)

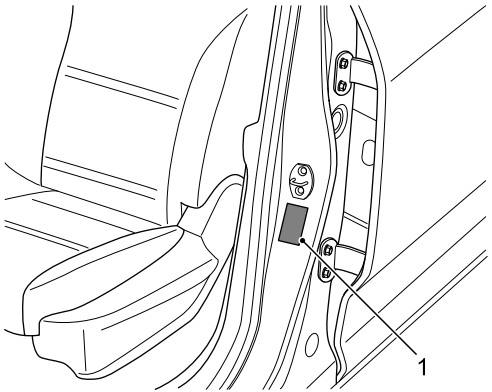
VIN plate

VIN plate may contain the following information:

- VIN
- Brand
- Model
- Engine model
- Maximum engine net power
- Engine displacement
- GVW
- Built date
- Name of production plant
- Country of manufacture

Location of VIN plate

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

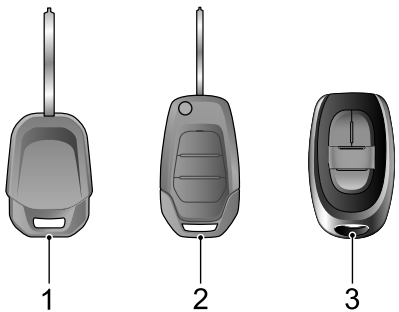


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Keys

The vehicle is equipped with 1 ordinary key and 1 remote key or 2 remote keys with passive entry passive start system (hereinafter referred to as PEPS).



1 Ordinary key

2 Remote key

3 Remote key with PEPS

Note: If a key is lost, you must provide the key number on the metal or plastic plate attached with the key, and the Our Service Dealer will provide the replacement. To ensure safety, you are recommended to keep the metal or plastic plate attached with key properly. For the sake of safety, the key has been electronically coded with the engine 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 engine but can lock/unlock doors.

Ordinary key

The common key is mainly used for activating the engine immobilizer system and starting the system and also can be used for locking/unlocking the driver door and passenger doors. Use of an ordinary key in either of these doors (driver's door excluded) will lock/unlock that door only. For further information on the use of the ordinary key, see "Doors and locks" and "Ignition switch and steering lock" in this section.

Remote key

Remote key is a control component of automobile central locking system. It can be used for locking/unlocking all doors; the car locating button on the remote key also can help you locate your car.

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 lock system" in this section.

Caution
The engine immobilizer system can accept 8 coded keys at most (including common keys and remote keys). The engine immobilizer system can accept 4 coded keys at most (for remote keys with PEPS function).

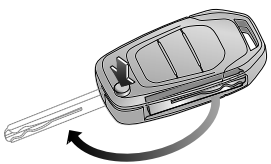
Extension/retraction of mechanical key portion

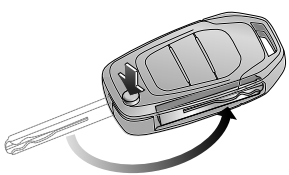
Mechanical Key Portion of Remote Key can be extended or retracted , hereinafter referred to as mechanical key portion.

Mechanical key portion

Press the release button on the remote key, and the mechanical key portion will extend from the key body.

To retract the mechanical key portion, press the release button on the remote key meanwhile rotate the mechanical key portion into the key body.

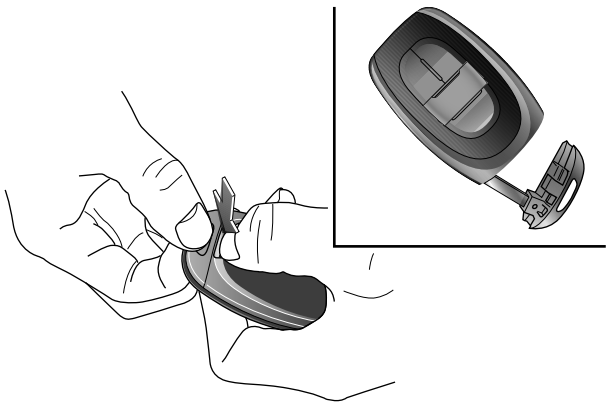




Mechanical key portion of a remote key with PEPS

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 a remote key

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

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

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

WARNING



To replace the battery, following procedures must be observed:

Replace the battery in a remote key

1 Extend the mechanical key portion;

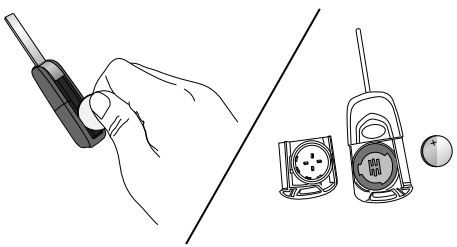
2 Pry the battery cover from the key body (with a coin);

3 Remove the used battery and install a new one;

Note: It is recommended to use a CR2032 battery.

Caution
Pay attention to the positive and negative of battery.

4 Then install the battery cover onto the key body.



Replace the battery in the remote key with PEPS

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

2 Pull the mechanical key portion from the key body;

3 Pry up the upper and lower panels of the body, and pour out the printed circuit board with the battery from the lower panel;

Caution
Do not pry the printed circuit board with any metal object.

4 Take out the battery and place a new one;

Note: It is recommended to use a CR2032 battery.

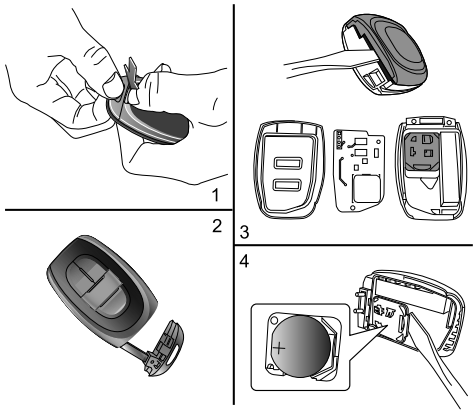
Caution
Pay attention to the positive and negative of battery.

5 Place the plastic bracket with the battery in the lower panel of key body, and then install the printed circuit board;

6 Close the upper and lower panels of the key body;

Caution
Do not forget to install the waterproof gasket inside the upper panel of key body.

7 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

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

Close all windows before leaving the vehicle.

Ensure all doors are fully closed before locking them.

Lock/unlock

You may lock/unlock all doors from outside with the ordinary key, remote key, or the remote key with PEPS. All doors can be locked/unlocked from the inside using central lock switch. All doors can be automatically locked according to the vehicle speed. See "Central door lock system" in this section.

Note: When all doors are successfully locked with the remote key, all turn signal lamps will flash once, and the horn will sound once to indicate successful locking.

Note: When all doors are successfully unlocked with the remote key, all turn signal lamps will flash twice to indicate successful unlocking.

Central door lock system

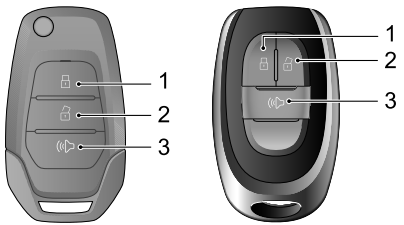
Using the ordinary key or mechanical key portion

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

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

Using the remote key

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



1 Central locking button

2 Central unlocking button

3 Car locator button

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

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

All doors locking

Press the button (1) to lock all doors, provided that all doors have been closed.

Note: All turn signal lamps flashing once represents the confirmation for locking; if any door is not fully closed, there will be no audio alarm, please press the button (1) again after closing all doors.

All doors unlocking

Press the button (2) to unlock all doors.

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

Car locator

Long press the button (3) for 1 second, the vehicle will emit audible and visual alarm.

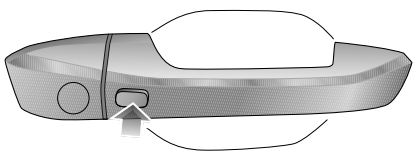
Remote door lock with PEPS

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 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

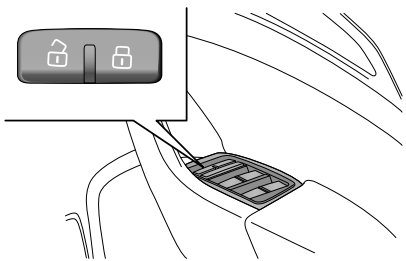


Turn off the ignition switch, leave the vehicle and close the door, then touch the micro switch on the door handle with your thumb, and the door will be locked, without pressing the lock button on the remote key.

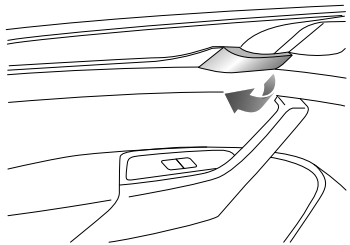
Using the central door lock switch

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

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



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



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

Power-saving transportation mode

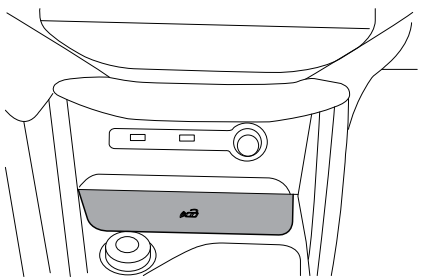
Note: Suitable for models equipped with power-saving transportation mode.

- Entering power-saving transportation mode

  Turn on the ignition switch as well as the hazard warning lamp, press and hold the center console Lock button for 15 seconds, the instrument cluster will display that the transportation mode is ON (applicable to the instrument cluster equipped with such function) when a “click” sound is heard, and a flashing “body theft deterrent warning light (red)”  indicates that the transportation mode is entered, then turn off the hazard warning lamp and lock the door with the mechanical key at this time.

Caution
After entering the transportation mode, the driver cannot locate the vehicle with the remote key, and can only lock/unlock the vehicle with the mechanical key, and the vehicle won’t enter the defensive state (in which the vehicle will give an alarm with sound and light if the door of the vehicle is opened without the key) when it is locked with a mechanical key.

Caution
After entering the transportation mode, the remote monitoring module will be powered off and the vehicle will no longer possess the remote function. For vehicles equipped with keyless start, the PEPS remote key needs to be placed in the marked area of the storage compartment in front of the shift lever for ease of finding as the vehicle is started in the transportation mode. When the ignition switch is turned on in the transportation mode, the "body theft deterrent warning light (red)" will flash continuously.



- Exiting power-saving transportation mode

  Turn on the ignition switch as well as the hazard warning lamp, press and hold the center console Lock button for 15 seconds, the instrument cluster will display that the transportation mode is OFF (applicable to the instrument cluster equipped with such function), and the “body theft deterrent warning light (red)” will be off, which indicates that the power-saving transportation mode is exited.

Locking according to the vehicle speed

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

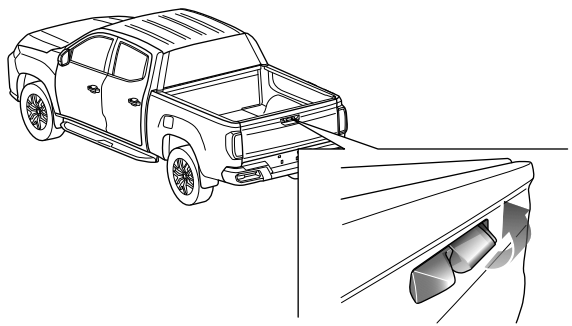
Note: When the key is turned to "LOCK" position, remove the key, and the doors will be automatically unlocked.

Tailgate

For models configured with tailgate key cylinder, the tailgate can be locked or unlocked by using the ordinary key or the mechanical key portion.

For models not configured with the tailgate key cylinder, the tailgate can be opened or closed directly through the outer handle on the tailgate.

You may open the tailgate through the outer handle on the tailgate, and fold the tailgate up to close it.



Note: During the driving, the tailgate shall be fully closed, so as to avoid accidental opening of tailgate.

Child safety lock

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

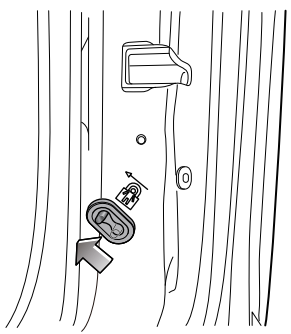
Your vehicle is configured with child safety locks on both right and left rear doors. These locks are used to prevent the passengers (especially children) from pulling the inner door handle inside to open the rear door.

To enable the child safety lock:

1 Open the rear door to be locked.

2 Find the control lever of child safety lock nearly in the central position of the rear door on one side.

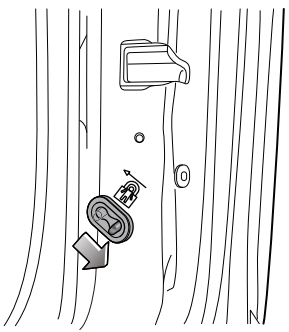
3 Move the control lever to the locking position.



Caution
Each rear door has its own lock. The child safety lock of each rear door (either on right and left) shall be respectively enabled and disabled manually. When the child safety lock is in the locking position, do not pull the inner door handle forcefully, which will damage the inner door handle.

After the child safety lock is enabled, the rear door only can be opened by operating the outer door handle from outside.

To disable the child safety lock, push the control lever to the unlocking position.



Windows

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

Power windows

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

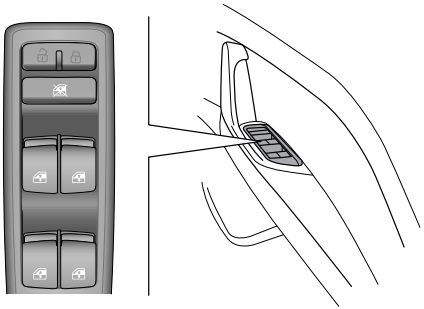
Driver door window

There are 4 window switches on the driver door. You can operate driver door window, front passenger door window and rear door windows respectively with these 4 switches.

Press the front of the switch to open the window. Lift the front of the switch to close the window.

The driver may operate the lock switch to disable the power windows of rear passengers. To enable this function, press the lock switch again.

Power window switches on the driver door



Automatic up/down function of window

Your vehicle may be configured with one-key up/down or one-key down function, please refer to the actual configuration of your vehicle. The window switch has 2 gears: automatic up/down and inching up/down, which can conveniently control the window glass up/down process. Briefly press the window switch up or down to the second gear, and the window glass will automatically move up or down.

Resume the automatic up/down function

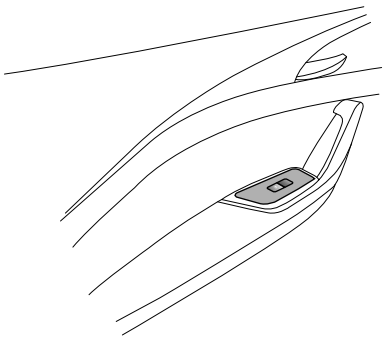
If the vehicle battery cable is re-connected after the disconnection, or the battery was drained once, or the anti-pinch function has been enabled for consecutive 3 times at the same position when the window glass moves up, the automatic up/down function may not work, it must be re-learned to restore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

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

Passenger door windows

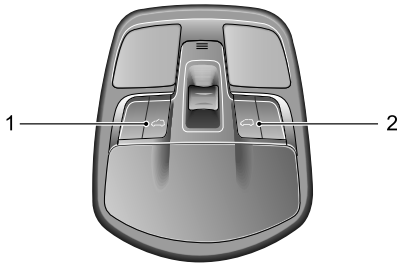
There is only 1 window switch on each passenger door, which can only operate the corresponding passenger door window.

Press the front of the switch to open the window. Lift the front of the switch to close the window.



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

Power sunroof



Open

First manually open the sunshade; to open the power sunroof, first press the sunroof switch (1) once, and the sunroof will be lifted to the position for ventilation. Short press it again, and the sunroof will slide to the fully open position. During the operation, the sunroof switch can be pressed once, to make the sunroof stop at the required position.

Close

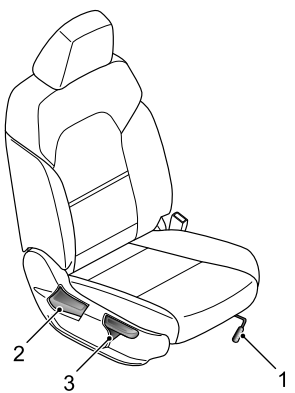
First manually open the sunshade; to close the power sunroof, briefly press the sunroof switch (2) once, and the sunroof will slide to the position for ventilation. During the operation, the sunroof switch can be pressed once, to make the sunroof stop at the required position.

Seats

Driver's seat adjustment

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

Manually adjusted driver seat



Forward/backward sliding

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

Backrest adjustment

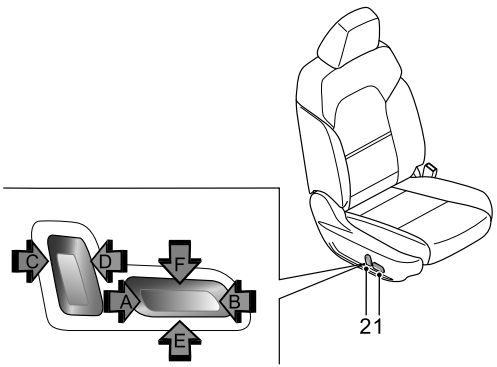
Do not recline the driver seat excessively, as the seat belt provides maximum protection only when the angle between the backrest and the upright position is near 25°.

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

Cushion height adjustment

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

Electrically adjusted driver seat



Caution
Regardless of where the ignition switch is placed, the seat can be freely adjusted. But the electrical adjustment is power consuming, which may drain the battery.

Forward/backward sliding

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

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

Backrest adjustment

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

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

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

Cushion height adjustment

When the button (1) is pulled upward (arrow E), the cushion will move upward, when the cushion raises to the desired position, release the button (1) to stop the cushion movement.

When the button (1) is pressed downward (arrow F), the cushion will move downward, when the cushion falls to the desired position, release the button (1) to stop the cushion movement.

Front passenger seat adjustment

Manually adjusted front passenger seat

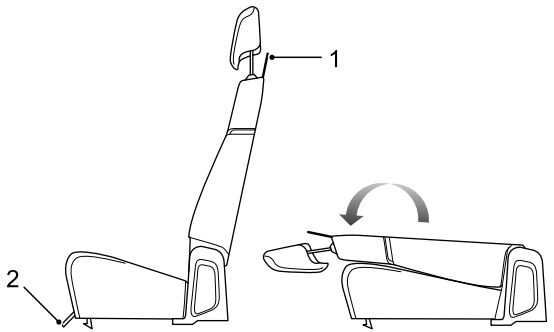
Only forward/backward sliding and seat backrest adjustment can be made, and its adjustment is consistent with that of manually adjusted driver seat.

Electrically adjusted front passenger seat

Its adjustment is consistent with that of electrically adjusted driver seat.

Rear occupant seat adjustment

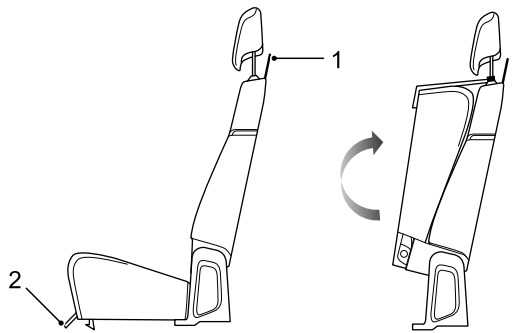
Forward folding of seats



Pull up the tether (1) to unlock the backrest, fold the backrest forward until it snugs against the cushion.

When restoring the seat to its original position, rotate the backrest to the utmost rear end, and press the seat backrest rearward to lock it on the body. When restoring the seat to its original position, please note not to get the seat belt buckle stuck between the rear seat and the panel behind the rear seat.

Rearward folding of seats

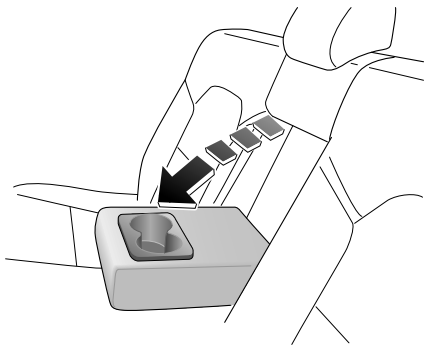


Pull the strap (2) forward below to unlock the cushion, fold the cushion backward until it snugs against the backrest. Take out the hook from the seat bag above the straps (2), then hook it to the head restraint guide rod.

When restoring the seat to its original position, withdraw the hook from the head restraint guide rod, fold the cushion to the utmost front end, and press the cushion down to lock it on the body.

Central armrest

Pull it down and push it forward for use.



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

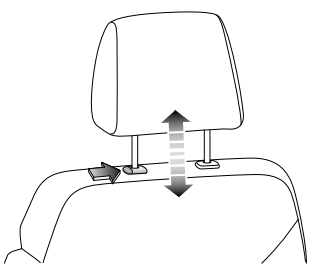
Headrest

Note: It applies to vehicles with adjustable headrest.

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

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.



Passenger restraint system

Sitting correctly

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

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

Seat belts

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

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

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

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

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

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

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

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

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

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

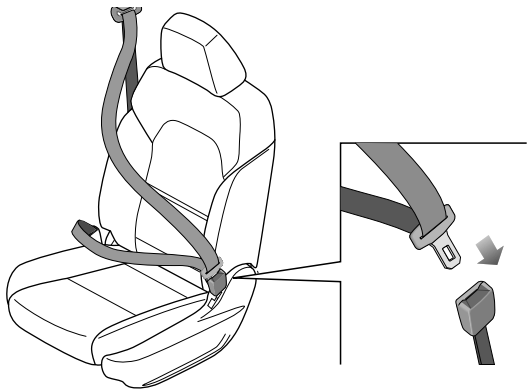
When the seat belt is not used, be sure to retract the seat belt webbing completely, straighten the webbing and put the tongue in place, and keep the webbing and tongue clean to prevent dust and impurities.

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

The driver and front passenger seats of the vehicles of this series can be configured with adjustable force-limiting seat belts without pretensioners and adjustable force-limiting seat belts with dual pretensioners, 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.

Adjustable force-limiting seat belt without pretensioner



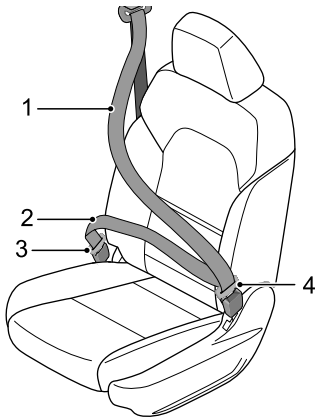
Fastening

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

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.

Adjustable force-limiting seat belt with dual pretensioner



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

Fastening

The seat belt is pulled out of the scroll, passes through the shoulder to be fastened in front of the body, verify that the belt is not twisted or tied, then push the movable tab (4) into the buckle that inside of the seat.

Loosening

Press the red button on the inner buckle, then the movable tab (4) 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.

The outer locking tab (3) does not need to be unlocked in the daily use.

Caution
The outer locking tab (3) should be unlocked by using the special tool, please ask Our Service Dealer to unlock it, if necessary.

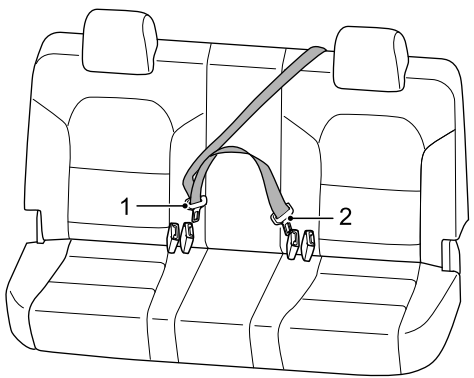
Three-point seal belt on both sides of rear seats

The fastening and loosening methods for the three-point seat belt on both sides of rear seats are the same as that for front seat belts.

Three-point seal belt in the middle of rear seats

Fastening

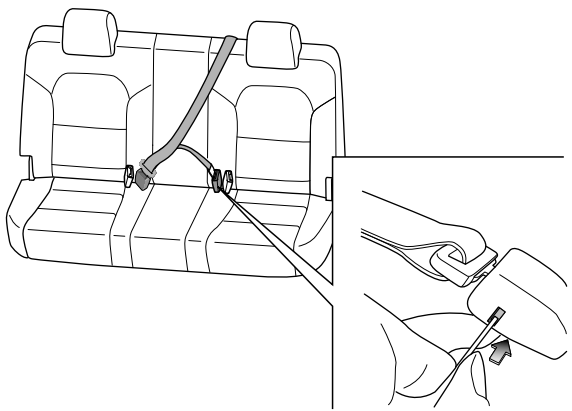
Pull the seat belt out of the rear quarter, push the fixed tab (2) into the left buckle, then the movable tab (1) is passed through the abdomen and pushed into the right buckle.



Loosening

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

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



Seat belt warning light

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

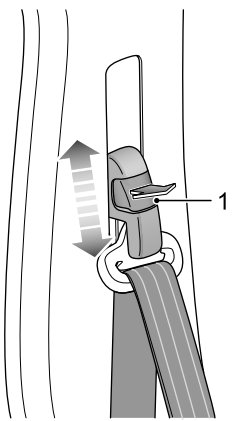
Seat belt height adjustment

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

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

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

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



Seat belt pretensioner

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

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

The seat belt pretensioner works together with the airbag to reduce the risk of injury in the event of a head-on collision. See "Airbag(s)" in this section for further information.

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 are inflated.

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

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

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

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

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

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

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

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

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

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

Do not modify the front of the vehicle in any way as this could adversely affect airbag deployment.

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

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

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

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

Airbag and pretensioner check

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

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

Airbag deployment

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

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

When the airbag is deployed, children not properly protected may suffer serious injury and even death. Do not allow children to ride on a vehicle without protection, and it is prohibited to stick any part of the body out of the window.

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

There must be no obstacle in the airbag inflation channel. It is prohibited to place any object between the passenger and the airbag. It is prohibited to fix or place any object on the steering wheel cover or the frontal airbag cover of instrument cluster and its vicinity. It is prohibited to place accessories around the airbag system. If there is obstacle between the passenger and the airbag, the airbag may not be properly inflated, or squeeze the obstacle into the body of passenger, causing serious injury or death.

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

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

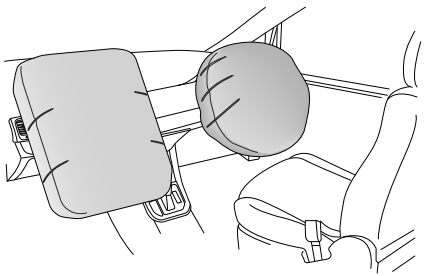
In case of crash, airbag control module detects speed change caused by crash to determine airbag deployment. The airbag will deploy instantaneously and powerfully with a loud noise.

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

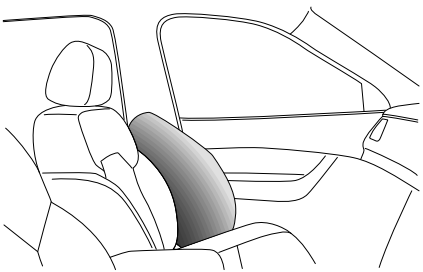
When you are sitting upright in the seat and leaning against the seat backrest, the seat belt and the airbag can provide the most effective protection. In case of a serious crash, the airbag deploys violently. At this moment, if you or other passenger does not properly use the seat belt, and tilts the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

Caution
• The airbag cannot protect the lower part of passenger body. • The airbag is not designed for rear collision or slight frontal impact or vehicle overturn, and it does not work during the emergency braking. • Airbag deployment and contraction are completed in a very short time, and will not provide protection from effects of possible subsequent second impact. • Upon deployment, the airbag will shrink immediately to ensure the driver could look forward without block.

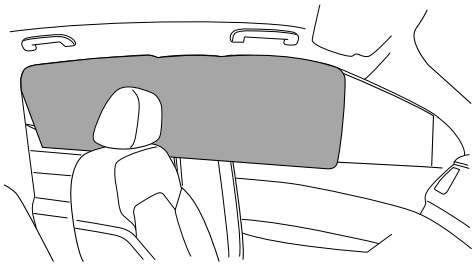
- Schematic diagram for deployment drea of driver and front passenger airbags



- Schematic diagram for deployment area of front seat side airbags



- Schematic siagram for deployment aea of side air curtains



Frontal airbag

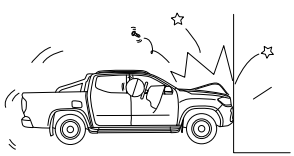
Do not install the children restraints on the front passenger seat. Frontal airbag deployment will cause serious injury or death to children.

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

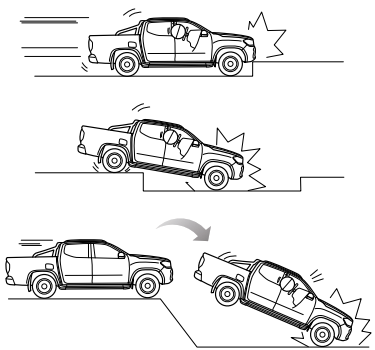
The airbag may deploy in the event of violent jolt or accidental impact to the vehicle chassis. Therefore, be extra careful when driving on a bumpy road, to avoid injuries caused by accidental airbag deployment.

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

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



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

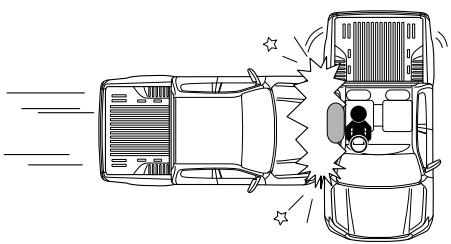


Side airbag

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

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

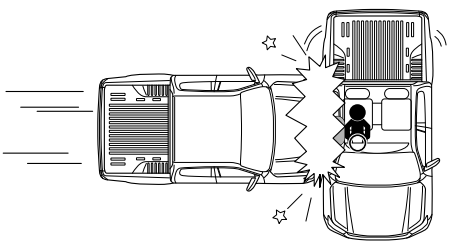
- Side impact occurs between the vehicle and the general passenger car at a relatively high speed.



Side air curtain

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

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



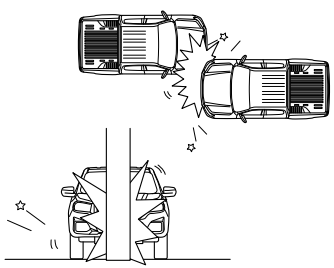
Conditions for airbag undeployment

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

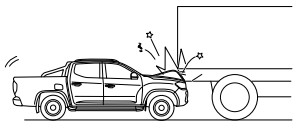
Frontal airbag

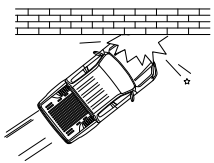
The side airbag may not deploy under any of the following situations or similar situations.

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



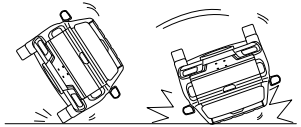
- Impact with lower part of truck tailgate; piercing-type impact with truck or vehicles with higher chassis.
- Front offset impact with guardrail.





- Side or rear impact.
- Vehicle rollover.

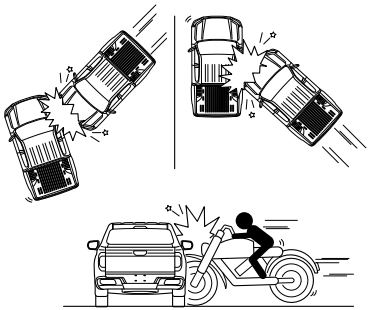




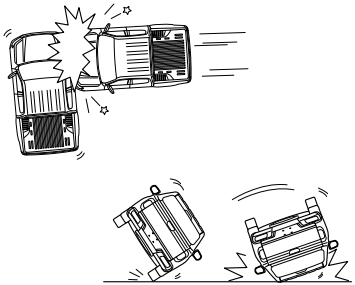
Side airbag and side air curtain

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

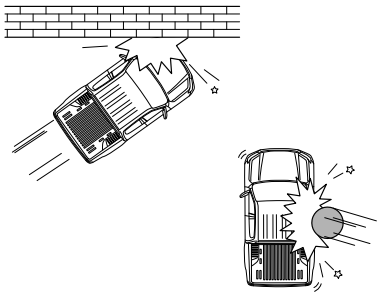
- Impact at a certain angle with the side.
- Side impact with a two-wheel motorcycle.



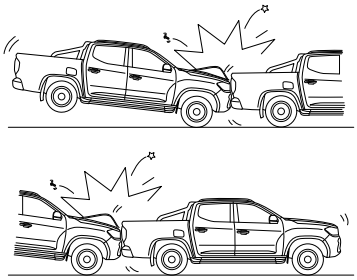
- Side impact with the front compartment of vehicle.
- Side impact with the rear of vehicle.
- Vehicle rollover.



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



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



Replace airbag system components after a collision accident

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

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

Child restraints (not supplied with the vehicle)

May result in death or serious injury!

The airbag can kill the children under 12-year old. The backward-facing child or infant restraint device is prohibited being installed on the front seat, otherwise it will result in the serious children or infant injury or death when the airbag is expanded. Seat yourself far away from the airbag as possible as you can.



Observe the instructions provided by the infant or child restraint device's manufacturer if you are installing or using such device.

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.

As a child is much easier to be injured by the expanded airbag than an adult, so a child under 12 years old is suggested taking the rear seat. Usually, infants under 2 years old shall use 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.

Child restraint anchor

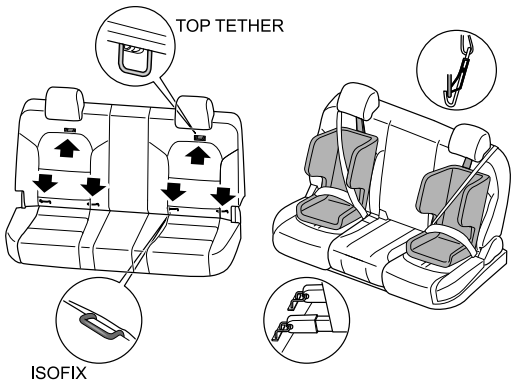
This vehicle has 4 ISOFIX standard interfaces on the three-abreast rear seat and some models also have 2 TOP TETHER interfaces on the seat back panel. Observe the instructions provided by the child restraint seat manufacturer for removal and installation.

Installation methods for child restraints

1 Route the top tether strap over the seatback and attach to the corresponding child restraint anchorage hook, being careful not to twist the strap. When securing, you must make sure that the top strap passes through the seat headrest(This step only applies to those models with TOP TETHER anchorage). Unless using ISOFIX lower anchorages, use the seatbelt complete the installation in line with the child restraint manufactures instructions.

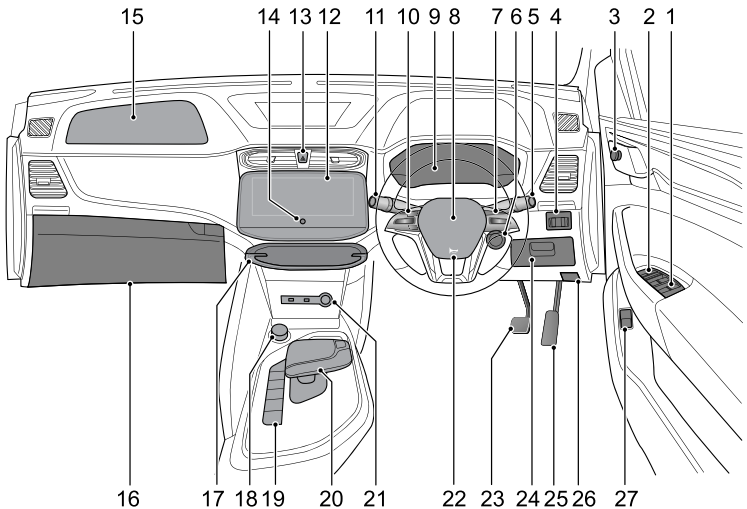
2 Insert the child restraint into the ISOFIX retaining rings until it is engaged reliably, the heard "click" sound indicates that it is installed in place.

3 When ISOFIX is correctly connected, press down the child restraint with your body and tighten the ISOFIX tether to fix the seat firmly on the vehicle.



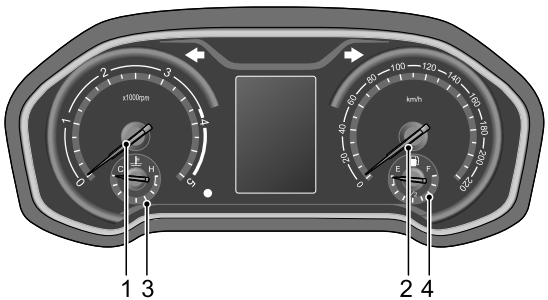
Caution
It is preferable to fit the infant or child restraint on the rear seat. In the case the infant or child restraint must be positioned on the front seat while the vehicle is in motion, the infant or child restraint must face forward. No matter what location, ensure properly secure the infant or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

Instruments and controls



1 Door window control switches
2 Central lock switch
3 Exterior rearview mirror power adjustment switch
4 Headlamp leveling switch, instrument panel illumination control switch
5 Combination lamp control and direction indicator lamp stalk, instrument cluster setting switch
6 Ignition switch
7 Volume control, mute, audio source and bluetooth phone switch
8 Driver airbag
9 Instrument cluster
10 Cruise switch
11 Wiper and washer stalk, instrument cluster menu switch
12 Entertainment system
13 Hazard warning lamp switch
14 Entertainment system control switch
15 Front passenger airbag
16 Glove box
17 A/C control panel
18 Four wheel drive system (4WD) switch
19 Switch group in the side of the shift lever
20 Shift lever
21 USB port, 12V power socket
22 Horn button
23 Brake pedal
24 Storage compartment
25 Accelerator pedal
26 Hood release
27 Fuel filler flap release switch

Instrument cluster



1 Tachometer

2 Speedometer

3 Engine coolant temperature gauge

4 Fuel gauge

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

Tachometer

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

Speedometer

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

Engine coolant temperature gauge

It indicates the approximate engine coolant temperature. If the coolant overheats, the "engine coolant temperature warning light (red)" will illuminate. If the coolant level is too low, the red warning light will illuminate with an audible alarm.

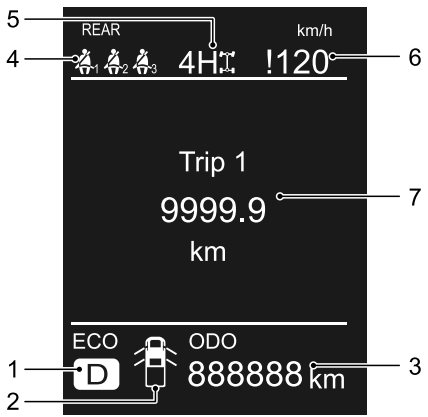
Caution
If the red warning light illuminates, please stop the vehicle as soon as safety permits, shut down the engine, to reduce the coolant temperature, and contact Our Service Dealer for checking the engine cooling system.

Fuel gauge

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

Information center

The information center display screen is located in the middle of instrument cluster.



1 Gear display

2 Door ajar reminder

3 Total mileage

4 Rear Seat Belt Warning Lamp

When the ignition switch is placed in ON position, the Rear Seat Belt Warning Lamp illuminates, the system will conduct a self-check, and the lamp will go off after several seconds. If the Rear Seat Belt Warning Lamp is on for a short time,

it indicates that the back seat belt is not properly secured, please fasten your seat belt. When the vehicle speed is higher than 25km/h, the Rear Seat Belt Warning Lamp is on for a short time or flash for a short time and sound a warming, it indicates that the back seat belt is not properly secured, please fasten your seat belt.

5 4WD-mode indicator lamp

6 Set Speed

7 Trip computer interface

Trip computer interface

Short press the instrument cluster menu switch button on the combination switch to switch between the following interface contents:

- Trip 1

  Displays the driving mileage of the vehicle since last setting. The trip will automatically reset to zero and continue counting after it reaches the maximum reading. Reset the trip by long pressing the instrument cluster setting switch SET button on the combination switch.

- Trip 2

  Displays the driving mileage of the vehicle since last setting. The trip will automatically reset to zero and continue counting after it reaches the maximum reading. Reset the trip by long pressing the instrument cluster setting switch SET button on the combination switch.

- Average Fuel Consumption

  Average fuel consumption displays the approximate average fuel consumption calculated on the basis of different fuel consumption values per 100km recorded in the menu item since last reset. It can be reset by long pressing the instrument cluster setting switch SET button on the combination switch.

- Instantaneous fuel consumption

  This function automatically displays the instantaneous fuel consumption of currently operating engine.

- Driving mileage

  This function automatically calculates and displays the remaining driving mileage for the vehicle before the fuel is used up. The mileage will change correspondingly after refueling.

- Remaining maintenance mileage

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

- Average speed

  Average speed displays the approximate average speed calculated on the basis of the accumulated mileage and ignition switch-on time recorded in the menu item since last reset. It can be reset by long pressing the instrument cluster setting switch SET button on the combination switch.

- Current speed

  It displays the current speed.

- Tire pressure information

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

Note: For vehicles equipped with the tire pressure monitoring system, after tires are inflated or deflated in static state, the tire pressure display value will not be updated until the vehicle speed reaches 30km/h.

Warning message interface

Prompt warning interface

- Rain sensor on
- Rain sensor off
- Automatic lighting on
- Automatic lighting off

Note: The interfaces above only pop up for warning, and the fault message interface does not include them.

Tire pressure monitoring warning interface

- Wait for learning
- Fast leakage and low pressure
- Low tire pressure
- High tire pressure
- System failure
- Low battery

Door ajar warning interface

- Door ajar

PEPS warning interface

- Place the key in the storage box
- No key is detected
- Low key battery
- Depress the brake pedal and press the ignition switch during starting
- Depress the clutch pedal all the way down and press the ignition switch during starting
- Start after the gear is shifted to P/N
- Please start the engine after warmup
- Please shift the gear to P for flameout

Other warning interfaces

- Release the parking brake
- Width lamps on
- Key in ignition
- Overspeed
- Lane departure
- Brake fluid insufficient
- Please service the airbag
- Please have the vehicle maintained immediately
- XXX KM before the next maintenance
- Please have a rest
- Please have a rest after a long drive!
- Low oil pressure
- Engine hood ajar
- Please turn the steering wheel to unlock

Note: When a warning interface pops up, short press the instrument cluster menu switch button on the combination switch to confirm the message in turn, or the system will automatically confirm the message if no operation is conducted within 10s. Return to the original interface after confirmation.

Caution
If multiple warning messages exist simultaneously, they will be displayed in turn according to the priority order.

Fault message interface

Long press the instrument cluster menu switch button to enter the menu selection interface; short press the instrument cluster menu switch button to select "Fault mssage".



Short press the instrument cluster setting switch SET button on the combination switch to enter the fault message interface. "No fault at present" will be displayed if there is no fault.



The corresponding warning message interface will be displayed if there is any fault.

Short press the instrument cluster menu switch button on the combination switch to switch between the warning interfaces. Long press the instrument cluster menu switch button on the combination switch to return to the previous interface.

Note: The fault message interface can be operated only when the vehicle speed is zero. It will automatically return to the Trip Computer interface when the vehicle speed is more than zero. It will automatically return to the Trip Computer interface if no operation is conducted within 10s.

Fatigue Reminder and Attention Assist (Fatigue Detection)

Fatigue Reminder and Attention Assist (Fatigue Detection) function is to remind the driver not to drive the vehicle in fatigue. The system will record the continuous driving time, while monitoring the steering wheel input in real time, to recognize whether the driver needs a rest or not.

Fatigue Reminder

- When the vehicle is running, once the system detects the steering wheel angle laws to meet the fatigue driving conditions, the instrument cluster display will show the following interface, accompanied with voice prompts.



It indicates that the system suggests the driver to take a short break, please stop and rest.

- When the vehicle is running, once the system detects that the continuous driving time exceeds 2 hours and the vehicle speed is higher than 65km/h, the instrument cluster display will show the following interface, accompanied with voice prompts.



It indicates that the system suggests the driver to take a short break, please stop and rest.

Caution
• Do not drive the vehicle in fatigue. The driver is always responsible for his ability to drive. • Long time driving needs enough regular rests. • The system does not recognize the need for rest in all cases.

Tire Pressure Monitoring System

Tire pressure monitoring system can make a real-time automatic monitoring on the tire conditions, thus providing an effective safety guard for driving.

When a tire is under-inflated, over-inflated, goes flat quickly or the system is malfunctional during the driving, "TPMS warning light (yellow)" on the instrument cluster will illuminate, accompanied with a voice prompt.

The instrument display will show a warning interface, please refer to "Tire pressure monitoring warning interface" in this section.

Warning lights and indicators

Direction indicator

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

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

Headlight high beam indicator

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

Position light indicator

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

Front fog light indicator

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

Rear fog light indicator

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

Airbag warning light

When the ignition switch is turned to the "ON" position, "airbag warning light (red)" illuminates, the system conducts the self-check and the light goes off after several seconds. If the warning light remains on or flashes after self-check, it indicates that the airbag system has a malfunction, please contact Our Service Dealer for service as soon as possible.

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

Driver seat belt warning light

When the ignition switch is placed in ON position, if the driver seat belt is not properly fastened, "driver seat belt warning light (red)" will illuminate. If any of the following conditions is met, the "driver seat belt warning light (red)" will flash, accompanied with alarm tones, and the alarm time is greater than 90 seconds:

1 When the seat belt is not properly fastened, and the engine starts for more than 50 seconds;

2 When the seat belt is not properly fastened, and the vehicle speed exceeds 20km/h;

3 When the seat belt is not properly fastened, and the vehicle has traveled for more than 400m;

4 When the seat belt is not properly fastened, and the vehicle has traveled for more than 50 seconds.

If any of the following conditions is met, the warning lamp will stop flashing, and the alarm tones will stop:

1 When the seat belt is not properly fastened, and the engine stops running;

2 When the seat belt is not properly fastened, and the reverse gear is engaged;

3 When the seat belt is not properly fastened, and the warning lamp flashes and the alarm tones sounds for more than 90 seconds.

When the seat belt is fastened, "driver seat belt warning lamp (red)" goes off.

Front passenger seat belt warning light

When the ignition switch is placed in ON position, if the front passenger seat belt is not properly fastened, "front passenger seat belt warning light (red)" will illuminate. If any of the following conditions is met, the "front passenger seat belt warning light (red)" will flash, accompanied with alarm tones, and the alarm time is greater than 90 seconds:

1 When the seat belt is not properly fastened, and the engine starts for more than 50 seconds;

2 When the seat belt is not properly fastened, and the vehicle speed exceeds 20km/h;

3 When the seat belt is not properly fastened, and the vehicle has traveled for more than 400m;

4 When the seat belt is not properly fastened, and the vehicle has traveled for more than 50 seconds.

If any of the following conditions is met, the warning lamp will stop flashing, and the alarm tones will stop:

1 When the seat belt is not properly fastened, and the engine stops running;

2 When the seat belt is not properly fastened, and the reverse gear is engaged;

3 When the seat belt is not properly fastened, and the warning lamp flashes and the alarm tones sounds for more than 90 seconds.

When the seat belt is fastened, "front passenger seat belt warning light (red)" goes off.

Engine immobilizer warning light

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

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

Body theft deterrent warning light

When the vehicle is in the armed state, "body theft deterrent warning light (red)" blinks.

When the vehicle is out of the armed state, "body theft deterrent warning light (red)" goes off.

If the theft deterrent alarm is triggered, the "body theft deterrent warning light (red)" blinks, accompanied with audible and visible alarm.

Engine coolant temperature warning light

When the ignition switch is turned to "ON" position, if the coolant overheats, the "engine coolant temperature warning light (red)" will illuminate. If the coolant level is too low, the red warning light will illuminate with an audible alarm.

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

Low fuel warning light

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

Oil pressure warning light

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

Caution
Even if the oil level is normal, do not restart the engine, please contact Our Service Dealer for service as soon as possible.

Glow plug indicator

Note: It applies to vehicles equipped with diesel engine.

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

Caution
If the indicator stays on after the engine is started, please contact Our Service Dealer for service as soon as possible.

Fuel filter water level warning light

Note: It applies to vehicles equipped with diesel engine.

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

DPF (Diesel Particulate Filter) warning light

Note: It applies to vehicles equipped with diesel engine.

When the ignition switch is turned to "ON" position, the "DPF warning light (yellow)" illuminates, the system conducts the self-check, and the light goes out after several seconds. If the DPF warning light flashes, it indicates a DPF Level 1 alarm, which requires high-speed driving or safe triggering of regeneration in situ; if the DPF warning light stays on, it indicates a Level 2 alarm, which requires immediate triggering

of regeneration in situ if it is safe to do so. See "Catalytic converter" in Starting and Driving section for details.

Emission MIL

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

Engine malfunction warning light

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

Transmission malfunction warning light

When the ignition switch is turned to "ON" position, if the "transmission malfunction warning light (yellow)" illuminates after the engine is started, it indicates that the transmission-related parts are faulty. 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, if the "ABS warning light (yellow)" illuminates while driving, it indicates that the ABS is faulty. Please contact Our Service Dealer for service as soon as possible.

Brake system warning light

With the ignition switch in "ON" position, if the parking brake handle is pulled up, the "brake system warning light (red)" illuminates, and goes out once the parking brake is released completely.

When the brake fluid level is below the normal range, "brake system warning light (red)" will also illuminate.

If the warning light stays on when the parking brake is released, it indicates that the brake system is faulty, stop the vehicle immediately, and contact Our Service Dealer for service as soon as possible.

EBD (Electronic Brake Distribution) warning light



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

ESC (Electronic Stability Control) indicator



When the ignition switch is turned to "ON" position, "ESC indicator (yellow)" flashes when the electronic stability control system is operating. If the indicator illuminates, it indicates that the electronic stability control system is faulty, please contact Our Service Dealer for service as soon as possible.

ESC (Electronic Stability Control) OFF indicator



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

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

HDC (Hill Descent Control) indicator



When the ignition switch is turned to "ON" position, if the HDC function is enabled, the "HDC indicator (yellow)" illuminates. When the HDC system is working, "HDC indicator (yellow)" flashes. When the HDC function is disabled, "HDC indicator (yellow)" goes out. See "Dashboard switch" in this section for information on the HDC switch.

If the hill descent is turned off or the system is faulty, "HDC indicator (yellow)" goes off. Please contact Our Service Dealer for service as soon as possible. See "Brake system" in Starting and Driving section for more information.

EPS (Electric Power Steering) system malfunction warning light

Note: It applies to vehicles configured with EPS (Electric Power Steering).



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

that the electric power steering system is in serious failure, please immediately stop the vehicle safely, and contact Our Service Dealer for service as soon as possible.

Part-time 4WD malfunction warning light

Note: It applies to vehicles configured with part-time 4WD system.



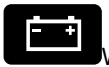
When the ignition switch is turned to "ON" position, "part-time 4WD malfunction warning light (red)" stays on after the engine is started or illuminates during driving, it indicates that the part-time 4WD system has a malfunction, please contact Our Service Dealer for service as soon as possible. See "Part-time 4WD system" in Starting and Driving section for more information.

Real-time 4WD malfunction warning light

Note: It applies to models with real-time 4WD system.


When the ignition switch is turned to "ON" position, "real-time 4WD malfunction warning light (yellow)" stays on after the engine is started or illuminates during driving, it indicates that the real-time 4WD system has a malfunction, please contact Our Service Dealer for service as soon as possible. See "Real-time 4WD system" in Starting and Driving section for more information.

Battery charging indicator


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

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

TPMS warning light

Note: It applies to vehicles configured with tire pressure monitoring system.


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

Cruise control indicator

Note: It applies to vehicles configured with cruise control.

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

Lane departure alert warning light

With the ignition switch placed in ON position, when the lane departure alert system is operating, "lane departure alert warning light (green)" illuminates.

If the alert conditions are met, "lane departure alert warning light (yellow)" blinks, accompanied with buzzer alarm.

When this feature is turned off or the vehicle can not recognize the lane line, "lane departure alert warning light (yellow)" illuminates.

If this system is not powered on or connected to the network, "lane departure alert warning light (yellow)" blinks.

See "Lane departure warning" in the Starting and Driving chapter for information on the lane departure alert system.

Towing indicator

When the ignition switch is turned to the ON position, "towing indicator (green)" illuminates, the system conducts the self-check and the lamp goes off after several seconds.

ECO indicator

With the ignition switch in "ON" position, when the ECO switch is pressed, the "ECO indicator" illuminates and the vehicle drives in the economic mode with a relatively weak engine power.

PWR indicator

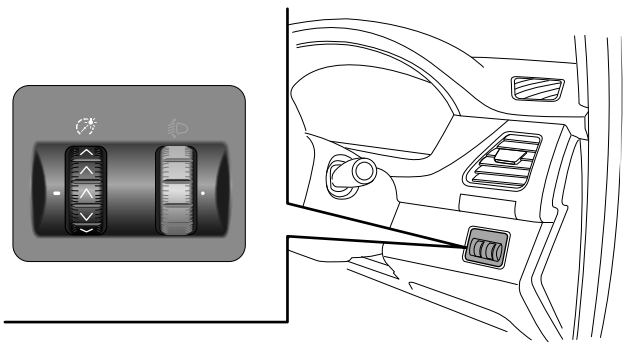
With the ignition switch in "ON" position, when the PWR switch is pressed, the "PWR indicator" illuminates and the vehicle drives in the power mode with a relatively strong engine power.

Instrument panel switch

Instrument panel illumination control switch

Note: It applies to vehicles configured with instrument panel illumination control function.

The instrument panel illumination control switch is located on the instrument panel at driver side, which is on the outboard side of the steering wheel.



Adjust the instrument panel illumination brightness with the instrument panel illumination control thumbwheel switch.

Move the thumbwheel switch up/down to brighten or dim the illumination lamp.

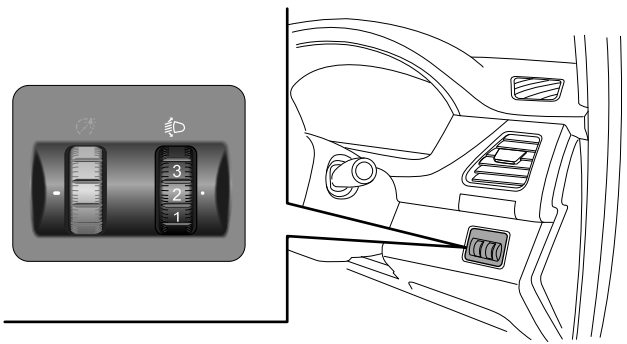
Headlamp leveling switch

Note: It applies to vehicles configured with headlight leveling function.

The headlamp leveling switch is located on the instrument panel at driver side, which is on the outboard side of the steering wheel.

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

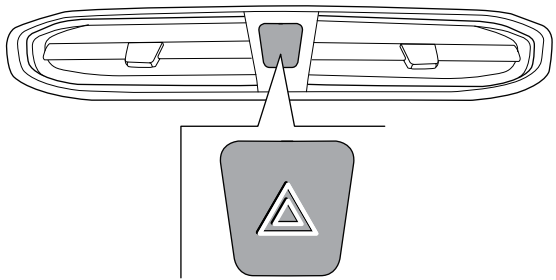
To adjust the headlamp leveling, headlamp low beam must be turned on.



Adjust the headlamp leveling by moving the thumbwheel upwards or downwards. With the change of vehicle load, please adjust headlamp leveling in accordance with the following requirements.

- Position 0: The front passenger seat is occupied.
- Position 1: All seats are occupied.
- Position 2: All seats are occupied and there is goods in the cargo compartment.
- Position 3: The driver's seat is occupied and there are goods in the cargo compartment.

Hazard warning light switch



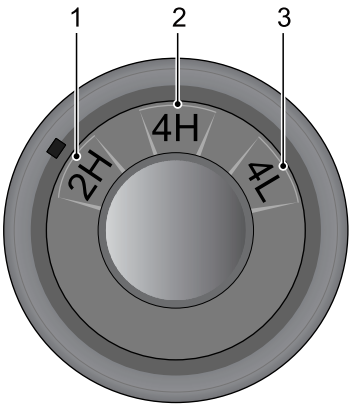
Press the hazard warning light switch⚠to activate all the turn signal lamps simultaneously, and the "direction indicator (green)" in the instrument cluster will illuminate and flash. Press the switch again to turn off the above lights.

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

Auxiliary fascia console switch

4WD switch

Part-time 4WD switch



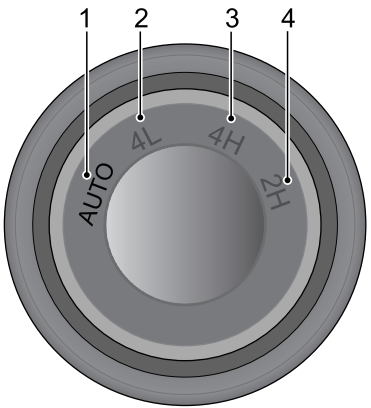
Position 1 -2H: High-speed 2WD switch.

Position 2 -4H: High-speed 4WD switch.

Position 3 -4L: Low-speed 4WD switch.

Note: See "Part-time 4WD system" in Starting and Driving section for more information.

Real-time 4WD switch



Position 1 -AUTO: Automatic mode switch.

Position 2 -4L: Low-speed 4WD switch.

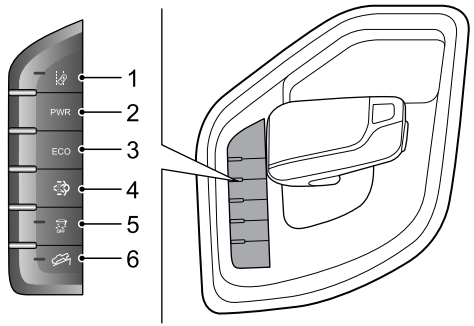
Position 3 -4H: High-speed 4WD switch.

Position 4 -2H: High-speed 2WD switch.

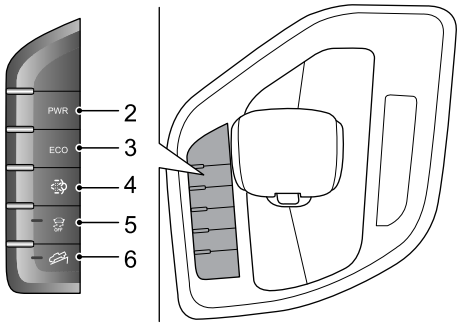
Note: When stopping and depressing the clutch pedal (for AT models, it is required to switch to N gear), switching can be made between 2H/4H/AUTO and 4L; about 5 seconds after select the switch, switch target gear indicator illuminates; please see "Real-time 4WD system" in Starting and Driving section for more information.

Switch group in left side of the shift lever

Type 1



Type 2



Position 1– : Lane departure warning switch. When the ignition switch is placed in ON position, the lane departure system will be on by default, and the indicator lamp in the switch will illuminate. Press to turn off the lane departure warning system. Then the indicator lamp in the switch will go off, and the "lane departure warning lamp" on the instrument cluster will illuminate in yellow. Press the button again to activate the lane departure warning system. See "Lane departure warning" in the Starting and Driving section for relevant instructions.

Caution
In some vehicles, the lane departure warning switch is located in the position of the front roof reading lamp. The position of this switch equipped on your vehicle is subject to the actual vehicle configuration purchased.

Position 2 – PWR: Power mode switch. Press PWR, then the vehicle will drive in the power mode with relatively strong engine power.

Position 3 – ECO: Economic mode switch. Press ECO, then the vehicle will drive in the economic mode with relatively weak engine power.

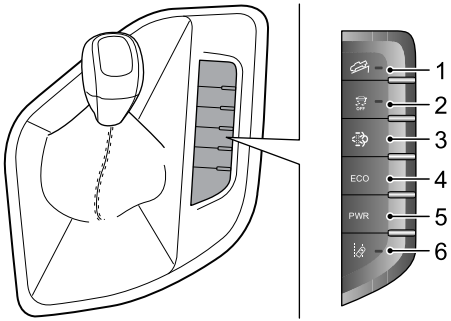
Position 4 – : When the "DPF warning light (yellow)" on the instrument cluster  is always ON or flashes, park the vehicle in an open and ventilated area to make sure there is no any flammable material (such as dry grass, oils, etc.)

around. Stop the vehicle, with the MT model in neutral gear (AT model in P gear), pull up the handbrake (or activate the parking brake), and turn off the ignition switch for two minutes; start the vehicle, and press down the one-key regeneration switch for 2 seconds, then release it, so the regeneration starts. See "Catalytic converter" in Starting and Driving section for more information.

Position 5 – : ESC OFF switch. Press , then the indicator lamp in the switch will illuminate and the ESC system will be turned off. Press the button again to activate ESC system; only ABS and EBD functions work after ESC is turned off.

Position 6 – : Hill descent control switch. Press , then the indicator lamp on the switch will go on and the HDC function will be enabled. Press the button again to turn off the HDC function. See "Brake system" in the Starting and Driving section for more information.

Switch group in right side of the shift lever



Position 1 – : Hill descent control switch. Press , then the indicator lamp on the switch will go on and the HDC function will be enabled. Press the button again to turn off the HDC function. See "Brake system" in the Starting and Driving section for more information.

Position 2 – : ESC OFF switch. Press , then the indicator lamp in the switch will illuminate and the ESC system will be turned off. Press the button again to activate ESC system; only ABS and EBD functions work after ESC is turned off.

Position 3– : When the "DPF warning light (yellow)" on the instrument cluster is always ON or flashes, park the vehicle in an open and ventilated area to make sure there is no any flammable material (such as dry grass, oils, etc.)

around. Stop the vehicle, with the MT model in neutral gear (AT model in P gear), pull up the handbrake (or activate the parking brake), and turn off the ignition switch for two minutes; start the vehicle, and press down the one-key regeneration switch for 2 seconds, then release it, so the regeneration starts. See "Catalytic converter" in Starting and Driving section for more information.

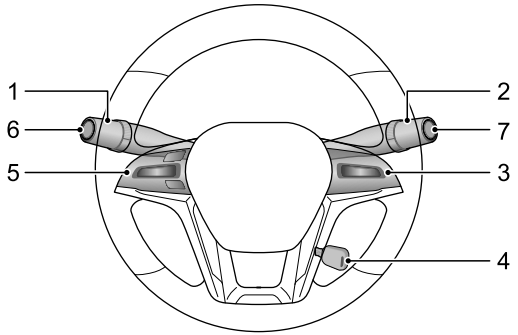
Position 4 – ECO: Economic mode switch. Press ECO, then the vehicle will drive in the economic mode with relatively weak engine power.

Position 5 – PWR: Power mode switch. Press PWR, then the vehicle will drive in the power mode with relatively strong engine power.

Position 6– : Lane departure warning switch. When the ignition switch is placed in ON position, the lane departure system will be on by default, and the indicator lamp in the switch will illuminate. Press to turn off the lane departure warning system. Then the indicator lamp in the switch will go off, and the "lane departure warning lamp" on the instrument cluster will illuminate in yellow. Press the button again to activate the lane departure warning system. See "Lane departure warning" in the Starting and Driving section for relevant instructions.

Caution
In some vehicles, the lane departure warning switch is located in the position of the front roof reading lamp. The position of this switch equipped on your vehicle is subject to the actual vehicle configuration purchased.

Switches on steering column and steering wheel



1 Wiper and washer stalk switch

2 Combination light control and direction indicator light stalk switch

3 Volume control, mute, audio source and bluetooth phone switch

4 Ignition switch and steering lock

5 Cruise switch

6 Instrument cluster menu switch

7 Instrument cluster setting switch

Ignition switch and steering lock

Pull out the key. Then the steering lock will be activated to prevent the steering wheel from rotating.



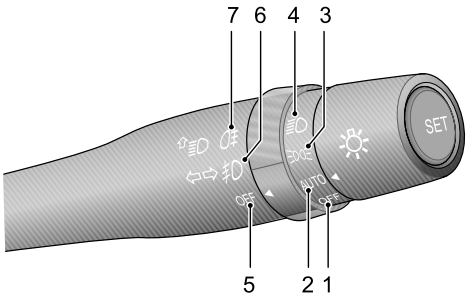
To remove the key from the ignition switch, turn it counterclockwise to position "ACC (unlocked)". Then press the key towards the ignition switch and continue to turn it counterclockwise to position "LOCK (locked)". The key can now be removed.

Note: If the key is not removed from the ignition switch, an audible warning will sound when the driver's door is opened.

For further information about ignition switch position, see "Ignition switch" in Starting and Driving section.

Combination light control and 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 engine 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 engine 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 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 engine may be unable to restart due to battery lack of power. An audible warning 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.

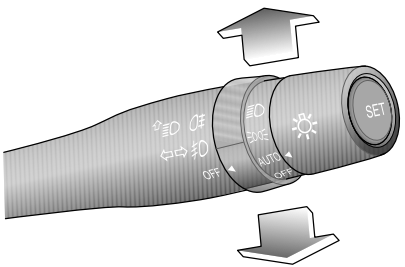
Position 6 – : front fog lights on. When the ignition switch is in position "ON" and the light control switch is in or position, rotate the switch to position to turn the front fog lights on. When the light control switch is in position AUTO, rotate the switch to position, the front fog lights illuminate 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 or position, rotate the switch to position to turn the rear fog lights on. When the light control switch is in position AUTO, rotate the switch 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).

Turn signal lamps and direction indicators

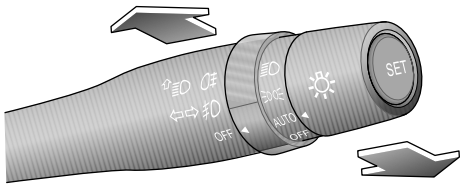


Right turn — push the stalk switch upward.

Left turn — pull the stalk switch downward.

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

Headlight high and low beams



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

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

Daytime running light

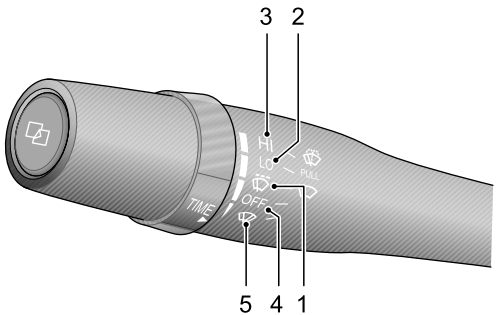
Daytime running lights make it easier for others to see the front of your vehicle clearly during the day.

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 stalk switch

Windshield wiper and washer



Rotate the stalk switch to the desired position.

Position 1 -: intermittent wipe. For a vehicle equipped with an automatic wipers, its rain sensor will detect the rainfall on the windshield and automatically adjust the wiping frequency of windshield wipers.

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

Position 2 -LO: low-speed wipe.

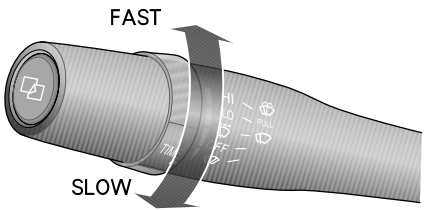
Position 3 -HI: high-speed wipe.

Position 4 -OFF: wiper off.

Position 5 -: single wipe.

Intermittent wipe/variable interval

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



For the vehicle that is not equipped with rain sensor, when the stalk switch is in (intermittent) position, rotate the switch to vary the interval between wipes.

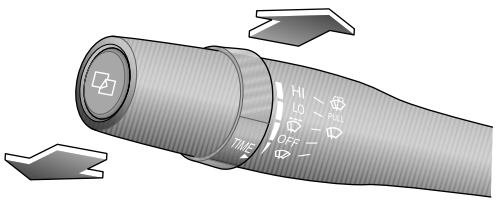
For the vehicle that is equipped with rain sensor, when the stalk switch is in (intermittent) position, rotate the switch to change the sensitivity of front wipers, and the rain sensor will adjust the wiping rate of front wipers

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.

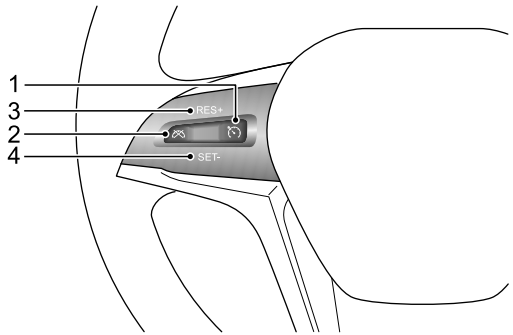
Washers

Pull the stalk 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 stalk switch is released.

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



Cruise switch



Position 1 -: 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.

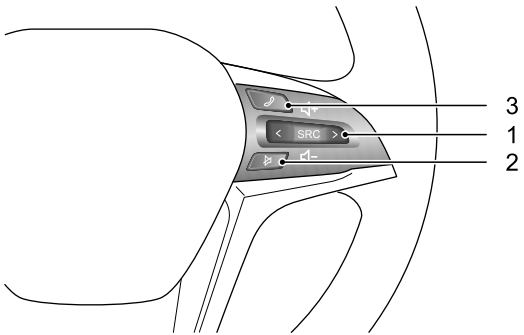
Position 2 -: cruise cancel switch. Press this switch to cancel the cruise function without clearing the set speed in the memory.

Position 3 -RES+: cruise recovery/acceleration switch. To store the set speed, press this switch to resume that speed; press this switch again to accelerate (1 km/h increase per time).

Position 4 -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: See "Cruise control system" in Starting and Driving section for more descriptions.

Volume control, mute, audio source and bluetooth phone switch





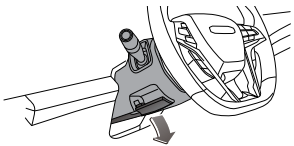
Position 1 - : sound source control switch. Press SRC to switch the radio/MP3 player interface; press upward to increase the volume and downward to decrease; short press ❮ to switch to the previous band/MP3 track; long press ❮ to fast-backward; short press ❯ to switch to the next band/MP3 track; long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

Position 2 - : mute switch.

Position 3 - : Bluetooth telephone switch. This switch is a phone call answer with bluetooth switch when Bluetooth is connected. In the general calling state: in case of an incoming call, short press this button to answer; long press this button to hang up; during a call, short press this button to hang up. In the call waiting state: short press this button to hang up the call waiting; long press this button to answer the call waiting.

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;

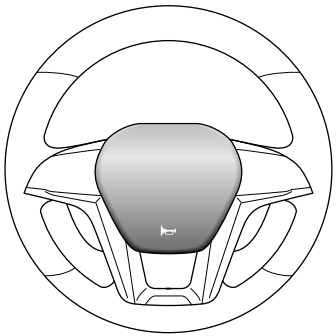
2 Grasp the steering wheel firmly with both hands, and move the steering wheel upwards or downwards to adjust it to a proper position;

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.

Horn

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



Heating, ventilation and air conditioning (HVAC)

The air conditioning system can cool down the air and remove the moisture and the dust (eg, pollen) in the air.

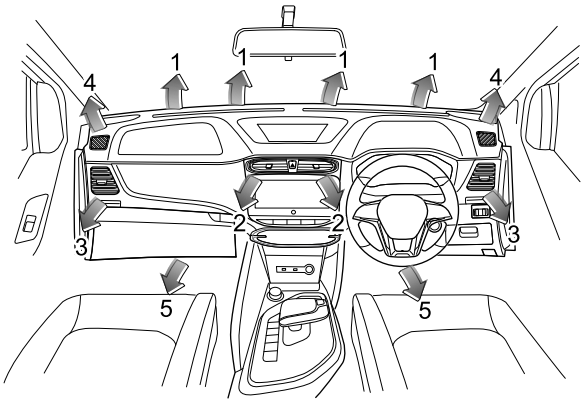
The heating system utilizes the heat generated by the engine, so it can heat the air in the vehicle sufficiently only when the engine gets to the normal operating temperature.

The ventilation system ensures the interior ventilation when driving.

The air speed selection button for the front and rear A/C controls the air volume.

HVAC is used to control the cooling, heating and ventilation of the air inside the vehicle. Fresh air is drawn into the vehicle through the air intake grille under the windshield, and flowing through the air conditioning filter. Always keep the air intake grille clean, free of obstructions such as leaves, snow or ice.

Front vents



1 Windshield vent

2 Center vent

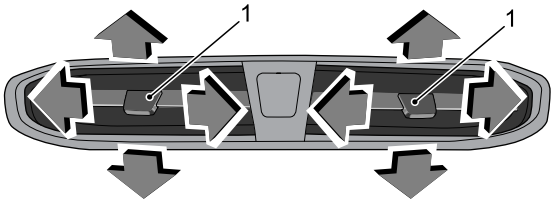
3 Side vent

4 Front window vent

5 Front footwell vent

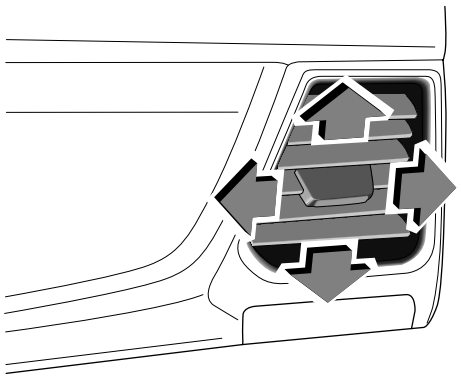
Center vent

Move the lever (1) in the center of the grille up and down, right and left to change the direction of the air distribution. Slide the lever in the central vent leftward and rightward to open or close the vent.



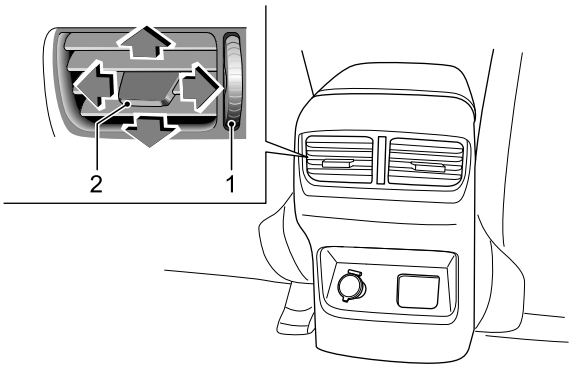
Side vent

Move the lever in the center of the grille up and down, right and left to change the direction of the air distribution. Slide the lever in the central vent leftward and rightward to open or close the vent.

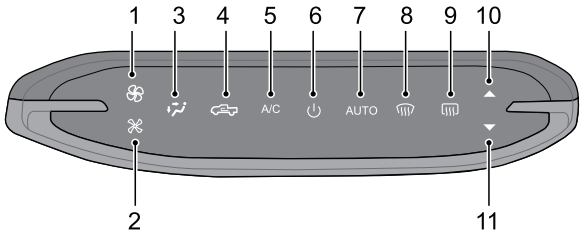


Rear vent

Rotate the thumb wheel (1) to adjust the air volume from the vent. Move the lever (2) in the center of the grille up and down, right and left to change the direction of the air distribution.



A/C control button



1 Volume increase button
2 Volume decrease button
3 Mode button
4 Internal/external circulation button
5 A/C button
6 Power button
7 AUTO button
8 Front defrost button
9 Rear defrost button
10 Temperature increase button
11 Temperature decrease button

Volume increase button

To turn the A/C on/off and increase the blower volume.

Each time it is pressed, the volume increases by one level, and the max. volume is the eighth level.

Volume decrease button

To turn the A/C on/off and decrease the blower volume.

Each time it is pressed, the volume decreases by one level, and the min. volume is the first level.

Mode button

Each time it is pressed, the mode is changed once in the following sequence: Face , Face and footwell, Footwell, Footwell and Defrost.

Internal/external circulation button

The internal/external circulation can be switched with the button. When the button is pressed, the character is lighted in yellow, which indicates that it is working in internal circulation. When the button is pressed again, the character is in red backlight, which indicates the entry of external circulation. The internal/external circulation state will be switched once each time the button is pressed.

The internal/external circulation can be controlled normally to provide relevant functions regardless of the ON/OFF of the air conditioning panel.

A/C button

To control the on/off of compressor.

When the A/C button is pressed, the compressor is enabled (the vehicle has started), and the character is lighted in yellow; when the A/C button is pressed again, the compressor is disabled, and the character is in red backlight.

Power button

To control the on/off of the air conditioning system.

When the power button is pressed, the air conditioning is turned on, and recovers to the state other than defrost before off, and the character is lighted in yellow. When the power button is pressed again, the air conditioning is turned off, and the character is in red backlight.

AUTO button

It is the button for automatic air conditioning control mode.

When the AUTO button is pressed, the A/C will enter full AUTO state, and all functions will enter automatic working state. The AUTO character is lighted in yellow, AC character is lighted in yellow, and Circulation character is in red backlight. At the time, you can operate the temperature knob as needed to set the required temperature, and the air conditioning system will automatically regulate the vehicle environment according to the set temperature to improve comfort and maintain a constant temperature.

In AUTO state, you can operate the mode button, volume button and A/C button to exit the full AUTO state, the AUTO character turns red, and the relevant functions will be subject to manual control, while the rest functions will remain in the automatic state.

Front defrost button

To enable front defrost state.

When the front defrost button is pressed, the character is lighted in yellow, it is defaulted to external circulation, A/C On and the distribution mode in deforst. In front defrost state, when the front defrost button or other mode button is pressed, it will exit the defrost state, and the character recovers to be in red backlight.

Rear defrost button

To enable rear defrost state.

When the rear defrost button is pressed, the character is lighted in yellow, and the rear defrost function is enabled, and the on/off of this function will not affect other states of the air conditioning.

For vehicles equipped with heated external rearview mirrors, the heated external rearview mirrors function will be automatically enabled when the rear defrost function is enabled, which helps to remove fog or frost from the surface of the rearview mirrors.

Note: The ON/OFF of this function will not affect other states of the air conditioning, and the rear defrost function will be automatically disabled after working continuously for 15min, and the corresponding indicator light will go out.

Temperature increase button

To turn the A/C on/off and increase the target temperature of the air conditioning.

Each time it is pressed, the temperature will increase by 1℃. The maximum temperature is 33℃ and HI is displayed.

Temperature decrease button

To turn the A/C on/off and decrease the target temperature of the air conditioning.

Each time it is pressed, the temperature will decrease by 1℃. The minimum temperature is 17℃ and LO is displayed.

Recommendation for A/C operation

- If the vehicle is parked in a place that is exposed to the direct sunlight, open the windows before operation.
- If the fogged windows need to be cleaned in a rain day, reduce the moisture in the vehicle by operating the air conditioning. This is very effective in rainy season and a season with heavy moisture.
- If the vehicle is driving in the city, the stop-and-go may cause the insufficient cooling.

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

Note: Condensation 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.

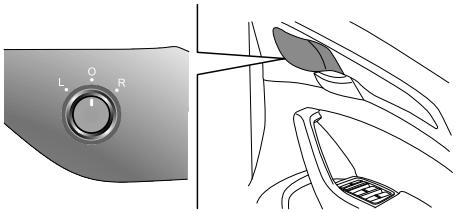
Caution
Always check all rearview mirrors for cleanliness and positioning before driving; clean and adjust if necessary.

Exterior rearview mirrors

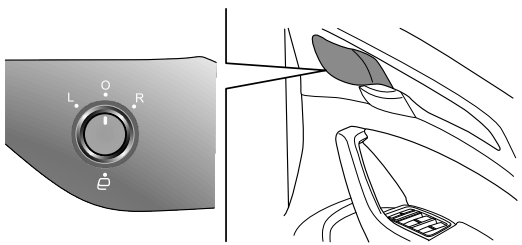
Power rearview mirrors

Press the switch 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. Move the switch to the middle position.

Switches not equipped with power folding function



Switches equipped with power folding function



Folding rearview mirrors

Manual folding of rearview mirrors

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

Power folding of rearview mirrors

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

- Manual folding/unfolding of rearview mirrors

  When rearview mirrors are folded, turn the ignition switch to ACC/ON position and move the switch to the L/O/R position. Then rearview mirrors will be unfolded.

  When rearview mirrors are unfolded, turn the ignition switch to ACC/ON position and move the switch to any of position, rearview mirrors will be folded.
- Automatic folding/unfolding of rearview mirrors

  When rearview mirrors are folded and the ignition switch is placed in OFF position, if doors are unlocked, then rearview mirrors will be unfolded automatically. Or, rearview mirrors will be automatically unfolded when the ignition switch is turned to START position.

  When rearview mirrors are unfolded and the ignition switch is placed in OFF position, if doors are locked then rearview mirrors will be folded automatically. Besides, when doors are unlocked but not opened, after 15s, doors will be automatically locked again and rearview mirrors will resume to folding state.

Heated rearview mirrors

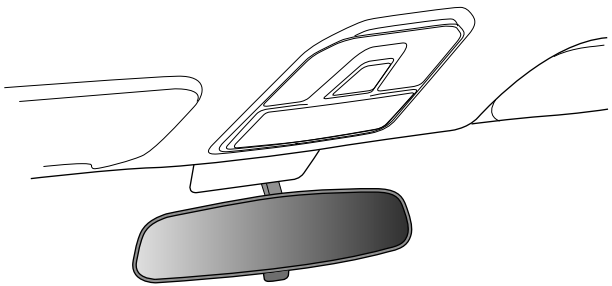
For vehicles equipped with the heated exterior rearview mirror, press the Rear Defrost Button on the A/C control panel to heat the exterior rearview mirror.

Interior rearview mirrors

Adjust the rearview mirrors to obtain the required rear view.

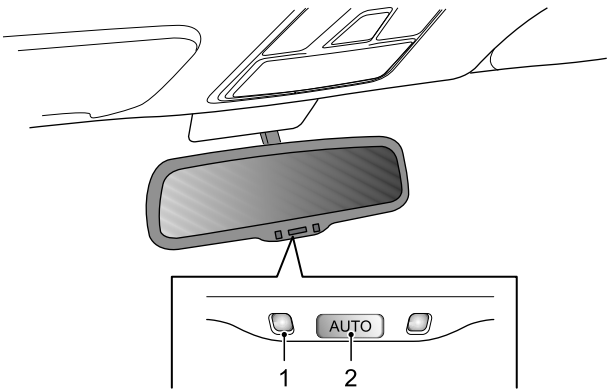
Manual adjustment of interior rearview mirror

Operate the adjusting rods at the bottom of rearview mirrors to reduce the reflected glare when driving at night.



Power adjustment of interior rearview mirror

For vehicles equipped with power adjusting interior rearview mirror, press the button (2) on the rearview mirror bottom. Then the yellow LED lamp will illuminate and rear light sensor will start operating to reduce reflected glare during night driving. Press the button (2) again. Then the yellow LED lamp will go off and rear light sensor will stop operating.



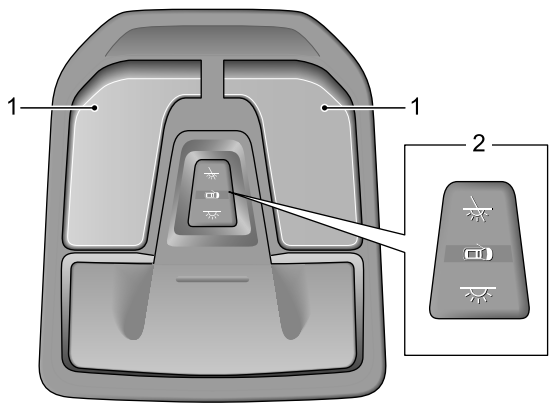
1 LED lamp

2 AUTO button

Interior equipment

Front roof vanity light

Type 1



1 Left/right front roof vanity light control switch

2 Three-gear switch

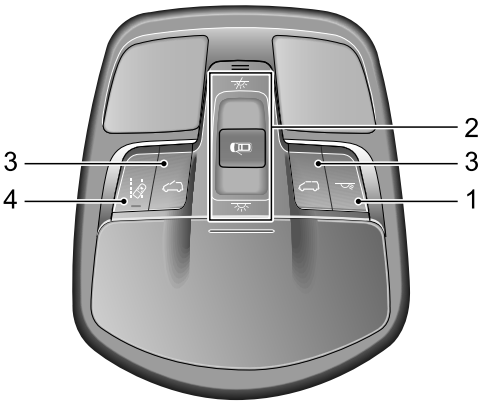
Front reading lamp control

When the three-gear switch (2) is located at , the front roof vanity light is turned on.

When the three-gear switch (2) is located at , the front roof vanity light will automatically illuminate after any door is opened and go off 30s after the door is closed. After the door is closed, press the left/right front roof vanity light control switch (1) to turn on and off the corresponding front roof vanity light.

When the three-gear switch (2) is located at , press (1) to turn on and off the corresponding front roof vanity light.

Type 2



1 Front roof vanity light control switch

2 Three-gear switch

3 Sunroof open and close switch

4 Lane departure warning switch

Front reading lamp control

When the three-gear switch (2) is located at , the front roof vanity light is turned on.

When the three-gear switch (2) is located at , the front roof vanity light will automatically illuminate after any door is opened and go off 30s after the door is closed. After the door is closed, press the front roof vanity light control switch (1) to turn on and off the front roof vanity light.

When the three-gear switch (2) is located at , press (1) to turn on and off the front roof vanity light.

Sunroof open and close switch

See "Power sunroof" in this section for detailed content.

Lane departure warning switch

With the ignition switch in "ON" position, press the lane departure waning switch , the indicator on the switch illuminates, and the lane departure warning system is enabled. Press again to turn off the lane departure warning system, the indicator on the switch goes out, and the "LDW light" on the instrument cluster illuminates in yellow. Please see "Lane departure warning" in Starting and Driving section for more information.

Rear roof vanity light



When the three-gear switch is located at , the rear roof vanity light is turned on.

When the three-gear switch is located at , the rear roof vanity light will illuminate when any door is opened. The rear roof vanity light will go out automatically after the door is closed for about 30 seconds.

When the three-gear switch is located at , to turn off the rear roof vanity light.

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

Vehicle inverter

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

Please pay attention to electric safety during usage. Prevent children from contacting this outlet. Danger! High voltage! Do not insert finger or a conductive object into this outlet. Please keep liquid objects away from this outlet. Do not use it in a humid, hot (more than 85℃) and unventilated environment. The maximum rated power of inverter is 150W. Do not use any electric appliance with a power more than 150W.

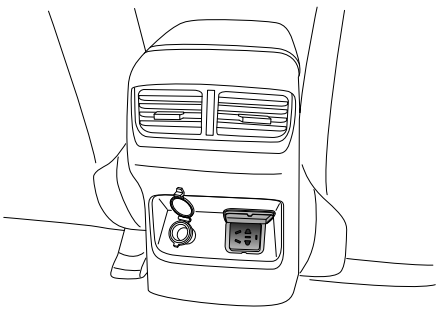
On-board inverter is located behind the bottom of central armrest between the driver and front passenger seats. Open the panel, and you will see the 220V AC power outlet, which can provide an output power of 150W. When the ignition switch is placed in "ACC" position, the on-board inverter will start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

1 Green lamp on: Normal operation.

2 Indicator off: low battery voltage. Please remove the electrical appliance, and wait for the battery voltage to return to normal.

3 Red lamp flashes:

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



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

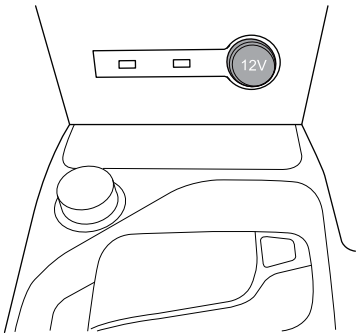
12V power socket

12V power socket provides power supply connection for external electric devices. 12V power sockets are respectively located at the center bottom of dashboard and on the rear bottom of central armrest, which are subject to the actual configuration of the vehicle you purchased.

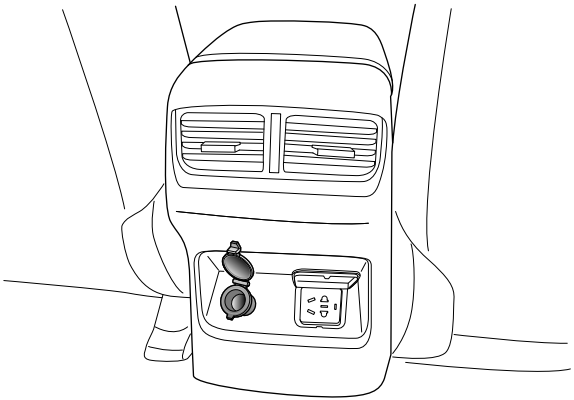
Caution
Please avoid using the power socket for a long time when the ignition switch is placed in "ACC (unlocked)" position, which will lead to battery drain.

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

12V power socket located at the center bottom of dashboard



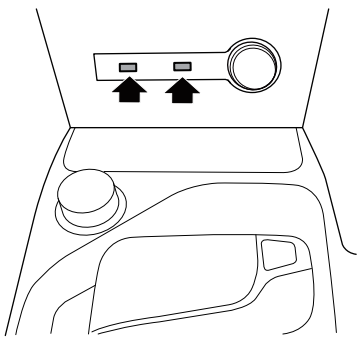
12V power socket located on the rear bottom of central armrest



USB port

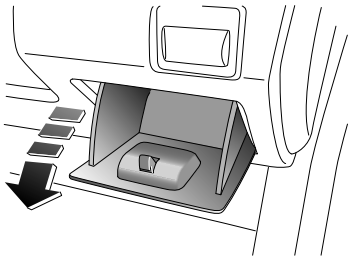
The USB ports are located at the center bottom of dashboard. The left USB port can support audio/video playback, picture browsing, charging and mobile phone interconnection. The right USB port can support audio/video playback, picture browsing, charging.

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



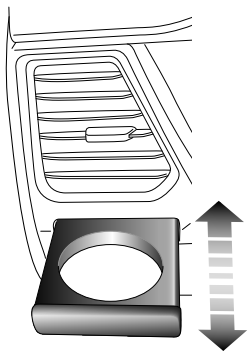
Storage box

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



Cup holders

The cup holders are located on both sides of instrument panel. To open a cup holder, push it inwards and then release it to unlock, and then pull it outwards completely. To retract the cup holder, keep pushing it inwards until it is locked.

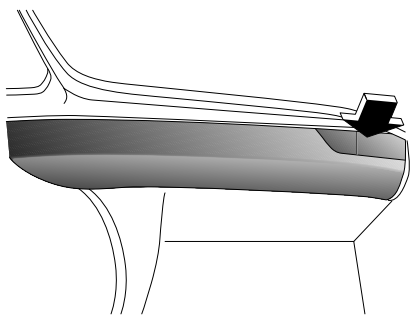


Glove box

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

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

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

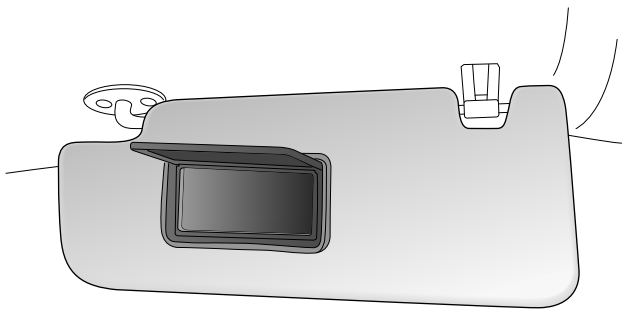


Sun visor and vanity mirror

Both sun visors can be flipped to the upright position or close to front windshield, to block the sunlight entering the vehicle through the front windshield. In addition, the sun visors can be pulled out from the hook, flipped to the side door window, and used for blocking the side sunlight.

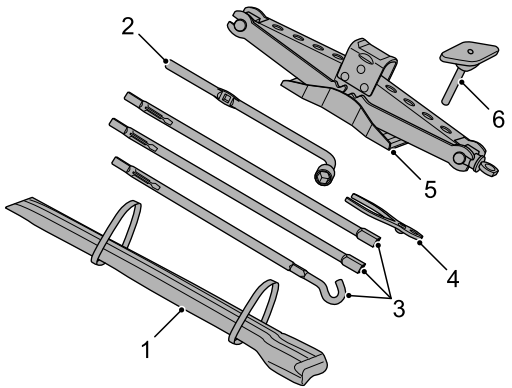
Turn a sun visor downwards and open the vanity mirror cover to use the vanity mirror.

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



Vehicle tools

The vehicle tools are placed below the second-row seats.



1 Vehicle toolkit
2 Wheel nut wrench
3 Auxiliary rotary post of jack
4 Fish-lip pincer
5 Jack
6 Retaining bolts for vehicle tools

MP5+Radio

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.

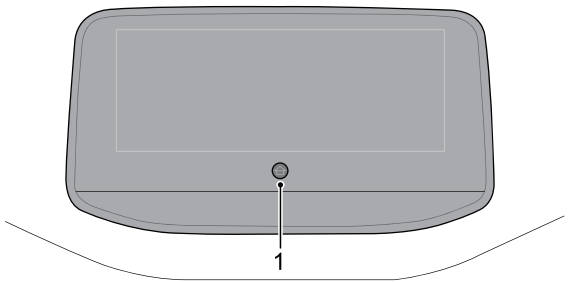
According to the relevant national regulations, watching videos and related operations are prohibited when driving, for the personal safety of yourself and others. Please do not watch the screen and perform related operations when driving a vehicle.

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.

Entertainment system control switch



1 HOME Button

In main interface mode, long press for about 3 seconds to power off, then press for about 10 seconds to restart.

Introduction and operation of desktop features

Status bar



1 Time display

2 Current playback display

3 Bluetooth/USB/wifi connection display

4 Volume display

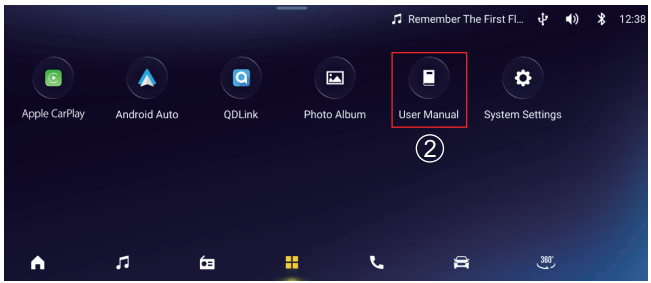
Application Center

For the related guide, we prepare for a user manual on the homepage of the screen. Please click and see.

1 Click the central icon on the bottom.



2 Click the User Manual.



Starting and Driving

94 Before starting and driving
94 Ignition switch
97 PEPS system
100 Engine immobilizer
101 Starting/stopping the engine
103 Driving
105 Catalytic converter
110 Fuel
113 Manual transmission
114 6AT automatic transmission
116 8AT automatic transmission
124 Power steering unit
125 Four-Wheel Drive (4WD)
131 Brake system
140 Cruise control system
143 Parking assist system
148 Lane departure warning
149 Tires
152 Loading
154 Trailer towing

Before starting and driving

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

Move the ignition switch in "ON" position, and check all warning lights and gauges operate normally. Please see "Warning lights and indicators" in 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

Key start

Never remove the key during vehicle driving, otherwise you will not be able to steer the vehicle.

Always remove the key after switching off, particularly if leaving children unattended in the vehicle.

Freewheeling with the ignition switched-off is dangerous as assistance from the brake booster and the power steering is not available under these conditions.

Note: Your vehicle is equipped with engine immobilizer system, see "Engine immobilizer" in this section.

Ignition switch can offer positions below:

LOCK: Ignition switch turned off. The key can only be inserted or removed in this position. After removing the key from "LOCK" position, the ignition switch shall lock the steering column to avoid turning the steering wheel.

ACC (unlock): With steering column unlocked, individual electrical device and accessory can work, such as radio, etc.

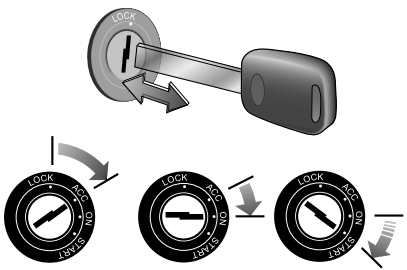
Note: You may need to slightly rotate the steering wheel to unlock the steering lock.

Note: Do not leave the key in "ACC" position for a long time, so as to prevent unnecessary battery power loss.

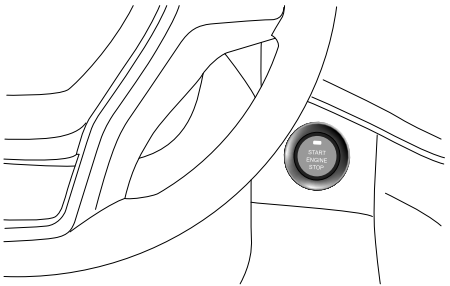
ON: The ignition is switched on and instruments, controls and electrical circuits become operative.

Note: When the engine is not running, do not leave the key in "ON" position.

START: The starter motor runs and engine is started. After the engine is started, release the key immediately, and the key will automatically return to "ON" position from "START" position.



Keyless start



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

ACC - red light

- Abnormal parking

  When the engine is running and the shift lever is not in N gear (for MT models) or P gear (for AT models), 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 within 3s, the ignition switch will switch to ACC.

ON - green light

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

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

START - green light

This position is used for starting the vehicle. When the engine shuts down, there is a valid remote key in the vehicle and the starting conditions are met, press the ignition switch, and the engine will be started.

Starting conditions:

- Manual transmission

  Place the shift lever in N position.

  Depress the clutch pedal all the way down and hold it.
- Automatic Transmission

  The shift lever will be adjusted to "P" or "N".

  Depress the brake pedal and hold it.

OFF

The engine shuts down when the shift lever is switched to this position. When the shift lever is placed in N gear (for MT models) or P gear (for AT models), 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 ignition switch will not work.

PEPS system

Keyless unlocking

When all doors are locked, enter the sensing area with a remote key and press the micro switch on the door handle, the central lock will unlock automatically. After unlocking, turn signal lamps 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 passenger door is unlocked, enter the sensing area with a remote key, and then press the micro switch on the door handle. The direction indicators will flash once, meanwhile the alarm horn will ring once for a short time (as appropriate). Then all doors will be locked, meanwhile the vehicle enters the fortification state. In any of the following cases, the doors will not be locked after the micro switch is pressed:

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

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

Keyless start

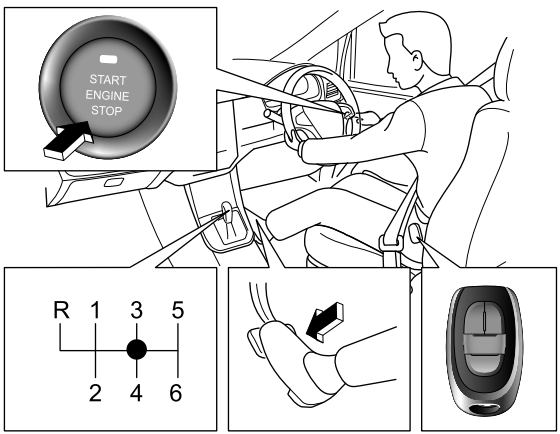
When the remote key is left in the vehicle and the starting conditions are met, press the ignition switch once at this time, and then the engine will be started.

Starting conditions:

- Manual transmission

  Place the shift lever in N position.

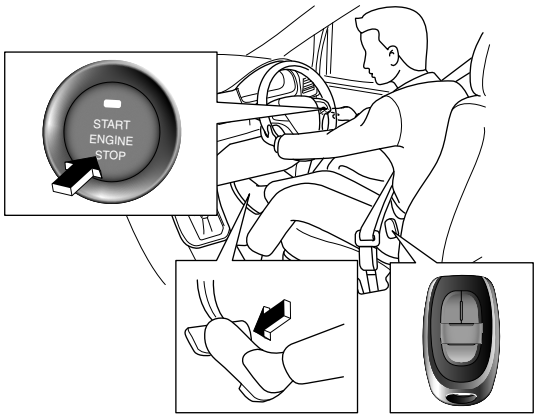
  Depress the clutch pedal all the way down and hold it.



- Automatic Transmission

  The shift lever will be adjusted to "P" or "N".

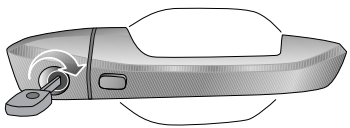
  Depress the brake pedal and hold it.



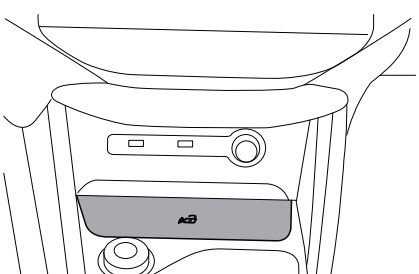
Note: If the starting conditions are not met, every time you press the ignition switch, the power supply positions will be switched among OFF and ON in a cycle. If the remote key is not in the vehicle, after depressing the brake pedal (for AT models) or clutch pedal (for MT models), the indicator will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

Backup starting

When the remote control battery is low, the keyless entry function will fail, but you still can start the engine. Open a door with the mechanical key and enter the vehicle. At this time, the system may be in IMMO state and the alarm may be triggered, which is a normal situation.



On the premise of meeting starting conditions, lay the key flat in the position with an identification in the storage box which is in front of the central armrest and press the ignition switch. Then the engine can be started.



Emergency flameout

If you need to shut down the vehicle immediately during driving due to an emergency, please press the ignition switch three times within 3 seconds.

Engine immobilizer

Keys

The key has been coded electronically for your vehicle. The coded key can be used for the corresponding vehicle only. Only the keys attached with the vehicle can start your engine.

For a vehicle equipped with the PEPS system, its engine can not be started only when the remote key is in the vehicle.

When the immobilizer is effective, any illegal behavior to start the engine will be prohibited.

Enable/disable

When the key is switched from "LOCK" position to "ON" position, if the authentication succeeds, the "IMMO warning light (yellow)" on the instrument cluster will keep off. If the "IMMO warning light (yellow)" flashes, it is shown that the immobilizer goes wrong and the engine cannot be started. Contact Our Service Dealer for service immediately.

For a vehicle equipped with the PEPS system, when the ignition switch is placed in "ON" position, if the authentication succeeds, the "IMMO warning light (yellow)" on the instrument cluster will keep off. If the "IMMO warning light (yellow)" flashes, it is shown that the immobilizer goes wrong and the engine cannot be started. Contact Our Service Dealer for service immediately. If the remote key is not in the vehicle or there is certain interference, the message center on the instrument cluster will display the prompt "Key not in the vehicle". If the battery of remote key shall be replaced, the message center on the instrument cluster will display the prompt "Please replace the battery of remote key". Please replace the battery of remote key as soon as possible.

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

Starting/stopping the engine

Starting

CO is a harmful gas and may cause coma, even death. Avoid inhaling vehicle exhaust because it contains colorless, odorless and tasteless CO. Do not start the engine or keep the engine running in an airtight and unventilated place. If you find there is exhaust in the vehicle, find out the cause as soon as possible and handle it. If you have to operate in this kind of environment, please open all windows completely.

- Manual transmission

  Place the shift lever in N position.

  Depress the clutch pedal all the way down and hold it.
- Automatic Transmission

  The shift lever will be adjusted to "P" or "N".

  Depress the brake pedal and hold it.

Vehicles equipped with diesel engine

Place the ignition switch in "ON" position, and wait for the "glow plug indicator (yellow)" on the instrument cluster to go off. Turn the key to "START" position to start the engine. After the engine begins running, release the key immediately, and the ignition switch will automatically return to "ON" position.

For vehicles equipped with PEPS system, see "Ignition switch" and "PEPS system" in this section.

Note: During starting, do not keep the starter running for 10s above. If the engine is not started, wait for at least 30s after turning off the ignition switch and try again. As the ambient temperature declines, the engine starting time may increase correspondingly. Therefore, please turn off all unneeded electrical appliance temporarily during starting. At a weather with the temperature below -25℃, please park the vehicle in the garage.

Caution
Avoid high-speed and full-throttle running before the engine reaches the operating temperature.

Warm-up

When the engine temperature is relatively low, there will be a poor effect if the engine is warmed up with the vehicle in stationary state. It is recommended to drive the vehicle as soon as possible after the engine is started.

Self-protection mode

In case of an engine fault which may affect the driving performance during driving, the engine system will enter the "self-protection mode". In this case, the "engine malfunction warning light (yellow)" on the message center display will start flashing or stay on. Please contact Our Service Dealer for service immediately.

Stopping

Turn the ignition switch from "ON" to "OFF" position to shut down the engine.

For vehicles equipped with PEPS system, see "Ignition switch" and "PEPS system" in this section.

Enable the parking brake.

Caution
Keep the engine idling for 10s before shutdown, in order to the ensure the turbocharger bearing is fully lubricated during the deceleration.

Driving

"Running-in" of new vehicle

This vehicle requires no deliberate "running-in", but in order to enhance the long-term running performance, we strongly recommend the following:

Within the first 3,000km:

- Avoid driving too briskly and vary the speed frequently.
- Never depress the accelerator pedal to the lowest position at any gear.
- Do not keep the engine run slowly with difficulty at any gear.
- If possible, avoid undue heavy braking.

After the mileage reaches 3,000km, you can gradually increase the vehicle speed to the maximum admissible speed.



Avoid using high engine speed to protect the engine, reduce fuel consumption, lower engine noise level and protect the environment.

Driving

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

Caution
During driving, do not place your foot on the clutch pedal for rest; otherwise the clutch may be worn/damaged.

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 55 cm.
- Do not drive faster than 10 km/h.
- The wave caused by front vehicle and head-on vehicle may exceed the maximum allowed wading depth.
- To avoid damage to your vehicle, please drive away from the flooded road as soon as possible.

Caution
If the vehicle stalls in water due to an accident, DO NOT restart the engine. Please contact Our Service Dealer immediately.

Water and mud can affect the braking system and lengthen braking distance, leading to an accident!

- **Slightly depress the brake pedal to keep brake parts dry and recover performance.**
- **Do not conduct an emergency brake when passing a slippery road.**

Note: The engine, drive system, transmission and electronic system of the vehicle may be severely damaged after the vehicle drives on a road with gathered water. Salt water is corrosive. The on-board components soaked by salt water must be washed with clean water.

Catalytic converter

The catalytic converter will release a lot of heat (even within a short time after engine shutdown), which may cause a fire.

Do not operate or park the vehicle on any flammable object (such as paper, dry grassland or dry fallen leaves).

When the engine is running or after it is shut down within a certain period, and before the catalytic converter cools down, prevent any body parts from contacting the exhaust system.

The catalytic converter installed in the exhaust system is used for reducing exhaust pollution.

Caution
In order to protect the catalytic converter from being damaged, the following precautions must be observed: • Use the fuel suitable for your vehicle. The Company assumes no responsibility for the mistake of filling a wrong type of fuel. If you fill a wrong type of fuel carelessly, contact Our Service Dealer for service immediately. Do not start the engine. • If the vehicle is difficult to start or driving performance degrades during driving, please drive the vehicle to a nearby Our Service Dealer for service. • Do not drive under extremely low fuel level. The engine may be unable to start during driving under fuel exhaustion. • Do not start the vehicle by pushing or trailing it. • Do not shut down the engine during driving.

Precautions for use of diesel-engine vehicle equipped with DPF (diesel particulate filter)

The main function of DPF is to collect particles in vehicle exhaust, and to remove particles collected in DPF through active and triggered regeneration in a certain period to achieve the function of recovering DPF to collect particles. Active regeneration refers to the function of the engine to automatically start and recover DPF to collect particles in vehicle exhaust according to actual working conditions. Triggered regeneration refers to the regeneration that the current working conditions of the engine cannot meet the active regeneration conditions and requires human intervention.

Switching regeneration of DPF one-key regeneration (applicable to vehicles equipped with such function)

Instrument alarm prompt

Level 1 alarm prompt: "Please drive at high speed or safely trigger DPF regeneration in situ" is displayed on the message center for 10 seconds, and the buzzer prompts three times. the "DPF warning light (yellow)" on the instrument cluster flashes .

Level 2 alarm prompt: "Ensure safety, and immediately trigger DPF regeneration in situ" is displayed on the instrument cluster message center for 10 seconds, and the buzzer prompts three times. the"DPF warning light (yellow)" on the instrument cluster stays ON .

The instrument cluster message center that cannot accept regeneration operation displays "DPF cannot be regenerated due to the reason of xx, please refer to the Owner's Handbook for details" for 10 seconds, and a buzzer prompts once.

The specific reasons why DPF can not be regenerated are as follows:

0: The engine is not in Normal operation mode
1: Coolant is not in the allowable temperature range
2: The oil temperature is not within the allowable temperature range.
3. The barometric pressure is not within the allowable pressure range
4: The fuel temperature is not within the allowable temperature range
5: Insufficient battery voltage
6: The clutch is depressed
7: Not in N gear
8: The vehicle speed is not equal to zero
9: The engine speed is not within the allowable range
10: The internal torque is not within allowable range
11: The accelerator pedal is not within the allowable range
12: The upstream temperature of DPF is not within the allowable range 1
13: The upstream temperature of DPF is not within the allowable range 2
14: The upstream temperature of DOC (Diesel Oxidation Catalyst) is not within the allowable range 1
15: The upstream temperature of DOC (Diesel Oxidation Catalyst) is not within the allowable range 2
16: DPF particles are not higher than the set limit value
17: DPF-related faults
18: Engine-related faults
19: The maximum allowable regeneration time comes
20: The upstream temperatures of DOC (Diesel Oxidation Catalyst) and DPF fail to reach within the allowable range 1 target value
21: The upstream temperatures of DOC (Diesel Oxidation Catalyst) and DPF fail to reach within the allowable range 2 target value
22: The Maximum Allowable Temperature 1 of upstream DPF is exceeded
23: The Maximum Allowable Temperature 2 of upstream DPF is exceeded
24: The Maximum Allowable Temperature 1 of upstream DOC (Diesel Oxidation Catalyst) is exceeded
25: The Maximum Allowable Temperature 2 of upstream DOC (Diesel Oxidation Catalyst) is exceeded
26: Regeneration command of service station has not been sent
27: The brake is depressed

Switching regeneration steps

1 Stop the vehicle; with the MT model in N gear (AT model in P gear), pull up the handbrake (or activate the parking brake), and turn off the ignition key (or ignition switch) for 2 minutes;

2 Start the vehicle;

3 Press the DPF one-key regeneration switch and hold it for 2 seconds, then DPF regeneration will begin.

Note: If the engine speed rises to 2,000 rpm, the regeneration trigger is successful; otherwise it is unsuccessful. Turn off the ignition key (or ignition switch) and wait for 2 minutes, and then operate again according to the above steps. After regeneration starts, unless you have to drive, please stay in N gear (for MT models)/P gear (for AT models) and keep the vehicle in stationary state. Do not perform other operations (e.g. depressing the brake pedal, the clutch pedal, the accelerator pedal, etc.) until the engine speed returns to idle speed.

Caution
DPF regeneration temperature is very high, please park the vehicle in an open and ventilated place, and make sure there are no inflammables (e.g. hay, oil, etc.) around when using. If it cannot be regenerated successfully for several times, please go to Our Service Dealer for processing.

Conditions of regeneration

- The DPF is overloaded, and the particle value exceeds the set value (the instrument panel has level 1 and level 2 alarms).
- The water temperature is above 40 degrees Celsius.
- No DPF-related function error.
- The vehicle speed is 0, the MT model is in N gear, and the AT model is in P gear.

Possible causes of regeneration failure

- The clutch pedal is depressed.
- The MT mode is not in N gear, and the AT model is not in P gear.
- The vehicle is not stationary state (The vehicle speed is not zero).
- The accelerator pedal is depressed.
- The brake pedal is depressed.
- The engine conditions are not satisfied (for example, the water temperature is too low and the exhaust temperature is too high).
- The engine has DPF-related fault(s).
- The regeneration steps were not followed.

Regeneration steps for high load driving

1 Carry out high-load conditions cycles, such as high-speed driving (vehicle speed is maintained at 80km/h and above);

2 Drive the vehicle for about 30 minutes.

Special driving conditions

Under the following circumstances, the vehicle has almost no triggered regeneration, and the efficiency of active regeneration is generally low or even zero, requiring the attention of the driver to try the best to avoid:

- Repeatedly start and stop the vehicle.
- Operate the vehicle at a low speed and a low load for a long time.
- The vehicle idles for a long time in stationary state.

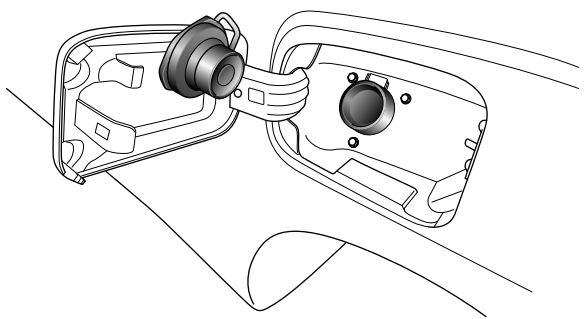
Caution
The cumulative amount of DPF carbon deposition will increase after a long time idling. If your vehicle needs to keep operating at idle speed for a long time, when the active regeneration function of the vehicle is enabled, please depress the accelerator actively to make the engine speed reach 2,000 ~ 2,500 rpm to assist regeneration.

Fuel

Fuel filler cap

Before opening the fuel filler cap, please turn on the fuel filler flap opening switch ⛽ on the driver's door first, and then open the fuel filler flap from the vehicle interior.

Rotate the fuel filler cap counterclockwise to remove it, and secure it on the bracket of the filler flap, then refuel. After refueling, 3 clicks need to be heard when tightening the fuel filler cap clockwise, which indicates that the fuel filler cap has been tightened in place, then close the fuel filler flap.



Refueling

It is prohibited to mix fuel with engine oil, kerosene, paraffin, water or other liquids for use, which may damage the fuel system.

Do not fill so much fuel that the fuel can be seen in the filling port or overflows, leading to a fuel contact risk for you and other persons.

Please select the required fuel according to the tag on the filler port of fuel tank. See "Main engine parameters" in General Technical Parameters section.

Caution
• It is recommended to use high-quality fuel free of additive or other engine cleaner. • If you fill a wrong type of fuel by accident, contact Our Service Dealer for service immediately. Do not start the engine at this time. If the engine is started with a wrong type of fuel filled, the fuel system components will be damaged severely. This kind of damage is not covered by warranty.

In order to prevent fuel from overflowing, please stop refueling when the fuel filler nozzle is automatically closed. If you continue refueling at this time, the fuel tank will be overfilled and the fuel will overflow when the outdoor temperature is high or the vehicle makes a turn.

Saving fuel

Fuel consumption is mainly influenced by three factors:

- Vehicle maintenance mode

  – Please go to Our Service Dealer for regular maintenance of the vehicle in accordance with the provisions in the "Warranty and Maintenance Manual".

  – Check the tire pressure periodically.
- Vehicle driving mode

  – Avoid high-speed driving at low gears (the gear shall be shifted), otherwise the vehicle will consume more fuel.

  – Frequent cold start and/or short-distance driving consumes a lot of fuel.

  – The vehicle will consume a lot of fuel when driving on a blocked or winding road or driving uphills.

  – Pre-consider possible risks to avoid emergency brake.

  – Make sure the parking brake is released completely during driving.
- Vehicle Load

  – The heavier the load is, the higher the fuel consumption is. Do not add unnecessary load.

The following driving precautions will help you to save fuel and protect the environment.

- **Ensure the tire pressures are correct.**
- **Avoid accelerating immediately after starting, and avoid depressing the accelerator pedal all the way down.**
- **The driving time at low gears shall not be excessively long.**
- **Try to use the top gear when the engine runs steadily.**
- **Pre-consider possible barriers, crossroads, sharp bends or traffic lights, and adjust vehicle speed correspondingly in advance.**
- **If it is predicted that the traffic may be blocked for a long time or it is required to wait for a long time, please shut down the engine if allowed by safety conditions.**

Precautions for cold weather

It is prohibited to use lamp oil (kerosene) as the additive.

In order to reduce possible problems which may occur in cold weather, please consider the following suggestions:

- Please use the fuel conforming to winter requirements.
- Park the vehicle in an area where the fuel temperature can be maintained above -9°C.
- Fill the fuel tank after driving every day. This practice will reduce the possibility of fuel condensation and accordingly reduce the influence of water generated due to temperature rise after condensation on oil quality.
- Replace the element of fuel filter according to the recommended time interval.
- Maintain the battery power in normal state.

Caution
Additive may degrade the lubricating property of fuel, accelerating wear and damage of engine and fuel injector.

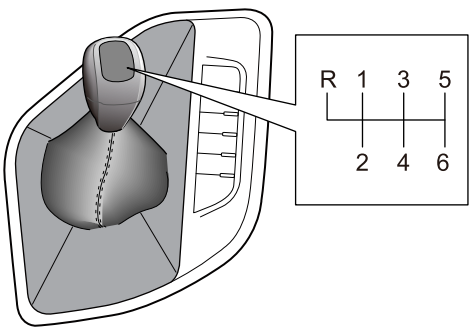
Manual transmission

Gear shifting

During the gear shifting, depress the clutch pedal completely, and then move the shift lever. After the gear shifting, release the clutch pedal slowly.

The shift lever knob is marked with all gears.

6-speed manual transmission



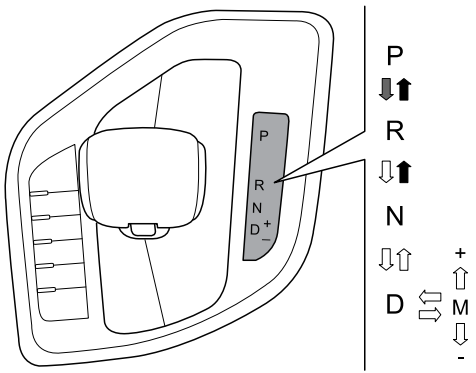
6th gear: Completely push the shift lever to the right side by the force greater than the spring stress, and then push it to the bottom. When shifting to the 5th gear, do not apply a lateral pressure towards left, otherwise the gear may be shifted to the 3rd gear by accident. Then the engine will overspeed as a result.

Reverse gear (R): Place the shift lever in N position. Press and hold the button at the front end of the shift lever handle to the left side, and then push it to the top.

Caution
Before shifting into/out of R gear, the vehicle must come to a full stop. Depress the clutch pedal, and shift to R gear after a while. Upshift must be done in sequence. It is prohibited to start off with the 2nd gear. Transmission shall not be shifted to N gear for coast down. It is prohibited to shift to N gear, especially when the vehicle drives downhill, so as to prevent the burning damage of the synchronizer and various types of bearings.

6AT automatic transmission

Operation



⇨When the vehicle is started or the ignition switch is in "ON" position, depress the brake pedal (and hold it) and press the lock release button in the upper front of shift lever during gear shift.

➡Press the lock release button in the upper front of shift lever when moving the lever.

⇨The shift lever can also be moved without pressing the lock release button.

6AT automatic transmission consists of 6 drive gears and 1 reverse gear. Each gear can be automatically engaged according to the position of shift lever.

For stable running, depress the brake pedal by changing from N (neutral gear) to the forward gear or reverse gear.

Situation of the mass surrounding the vehicle especially children must be checked before adjusting to D (forward) or R (reverse) gear.

Make sure the shift lever is in P (park) position before leaving the driver seat; then set the parking brake and shut down the engine.

Caution
To avoid damages to transmission, do not accelerate the engine under the condition of stepping on the brake pedal and engaging R (reverse) gear or other forward gears. When parking uphill, do not secure the vehicle with engine power but with the brake or parking brake. When the engine rotating at a speed higher than idle speed, do not shift from N (neutral) gear or P (park) gear to D (forward) or R (reverse) gear.

Gear

P (Parking)

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

The vehicle must be stopped completely before adjusting to P (parking) position. The transmission output gear is locked in this position to prevent driving wheel from moving.

R (Reverse gear)

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

This gear will be used to back off.

N (Neutral gear)

Neither the vehicle nor the transmission is locked. The vehicle will slide down freely from a slightly inclined slope unless the brake pedal is depressed or the parking brake is set.

D (Forward gear)

It is a common forward gear position. The transmission will automatically shift among 6 gears in sequence to provide the most fuel-efficient and the maximum power.

During overtaking or climbing uphill, when the accelerator pedal is fully depressed, the transmission will automatically downshift to provide extra power.

M (Manual)

No matter the vehicle is idling or running, you can choose the manual mode by switching the shift lever from D (forward) gear to M (Manual) position. To return to D (forward) gear, push the shift lever back to D (forward) position.

Compared to manual transmission, the 6AT automatic transmission allows gear shift to be done with accelerator pedal depressed under manual mode.

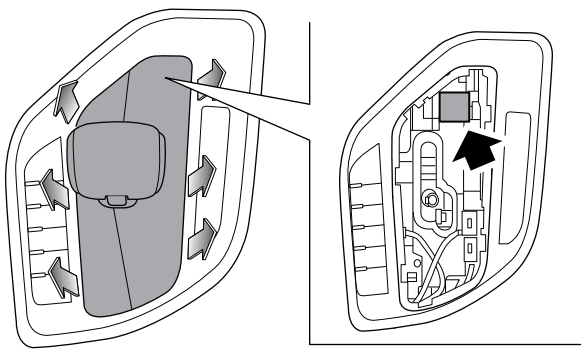
(+): Push up the shift lever once to a higher gear.

(-): Pull down the shift lever once to a lower gear.

Note: It does not need to press the lock release button in the front of shift lever and the lever can automatically restore.

Manually Release P Gear Lock

In case of a dead battery or transmission computer failure, the vehicle will be unable to identify signal from brake pedal, so that the P gear lock shall be released manually. Push the vehicle to a safe place, open the shift leather cover, press (without releasing) "P gear unlock button" (as shown in the figure, it is located at the upper right corner of the mechanism) on the gear shift mechanism with the mechanical key portion or hand, while holding the shift lever and pressing the lock button on the lever to pull back the lever from P gear to N gear. Then recover all removed parts, and shift to P gear after parking.



8AT automatic transmission

Gear

P (Park Gear)

Engaging P (park) gear during vehicle running will cause transmission damage. Do not use P (park) gear to replace the parking brake. Make sure the shift lever is at P (park) gear and the parking brake is completely set. The vehicle must be stopped completely before adjusting to P (parking) position. The transmission output gear is locked in this position to prevent driving wheel from moving.

P gear is used to assist in parking and starting the engine.

R (Reverse gear)

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

R gear is used for reversing.

N (Neutral gear)

When stopping temporarily in N gear, apply the parking brake or depress the brake pedal, otherwise there is a risk of slipping or accident.

While driving, please do not shift to N gear.

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

D (Forward gear)

D gear is a common forward gear, during normal driving, it is recommended to use D gear. The transmission can adaptively adjust the gear ratio for optimal economy.

M (Manual)

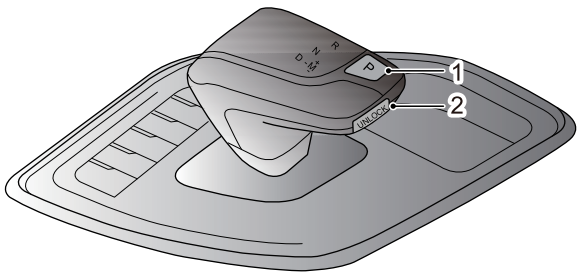
When accelerating the vehicle to overtake or driving uphill or downhill, it is recommended to use M gear.

Shifting operation (Type 1)

Situation of the mass surrounding the vehicle especially children must be checked before shifting to D (forward) or R (reverse) gear. Make sure the shift lever is in P (park) position before leaving the driver seat; then set the parking brake and shut down the engine.

To avoid damages to the transmission, do not accelerate the engine while depressing the brake pedal and shifting to R (reverse) or D (drive) gear. When parking on a slope, do not secure the vehicle with engine power. Please use the parking brake. When the engine rotates at a speed higher than 2,500 rpm, do not shift from N (neutral) or P (park) gear to D (drive) or R (reverse) gear.

After the engine is started, normal shifting operation can be performed.



1 P gear button

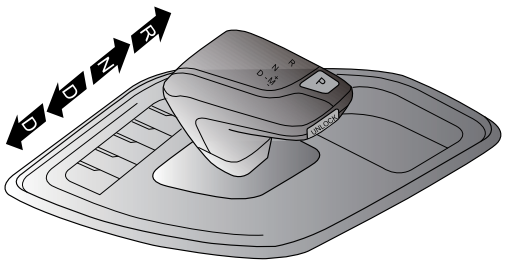
2 Unlock button

Shift to P gear

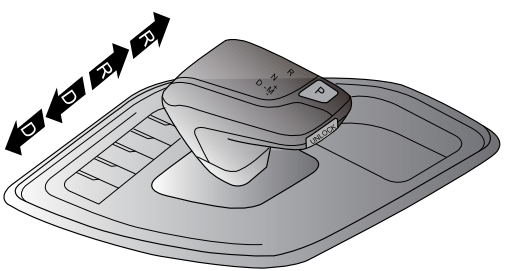
When the vehicle is stationary, press the P gear button (1), and the vehicle engages the P gear.

Shift to R, N or D gear

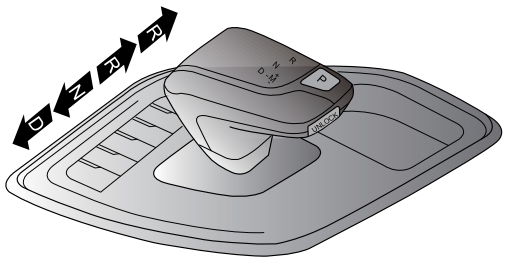
- Current P/D gear



- Current N gear



- Current R gear



Briefly push and pull the shift lever towards the required direction (two positions each for front and back). After releasing the shift lever, the shift lever will return to the middle position.

When moving out of P gear, it is required to depress the brake pedal and press the unlock button (2).

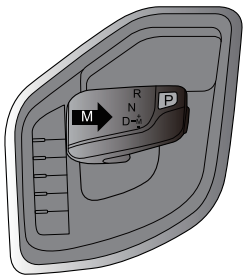
When shifting to P gear, it is required to depress the brake pedal and press the unlock button (2).

When shifting to D gear, it is required to depress the brake pedal.

The engaged gear will be displayed on the shift lever and instrument cluster message center.

M gear (manual mode)

M gear operation can be performed only when the shift lever is in D gear in automatic mode; when in other gears, please do not attempt to move the shift lever to the right.



When in D gear in automatic mode, switch to M gear to select manual mode by moving the shift lever to the right, and switch gears by pushing or pulling the shift lever forward or backward. To return to D gear operation, move the shift lever back to the left to return to D gear.

(+): Push forward the shift lever once to a higher gear.

(-): Pull backward the shift lever once to a lower gear.

The gear displayed in the instrument cluster will indicate the current gear with a single alphanumeric character (M1 ~ M8).

Note: In M gear mode, after completely stopping the vehicle, press the P gear button to directly engage the P gear.

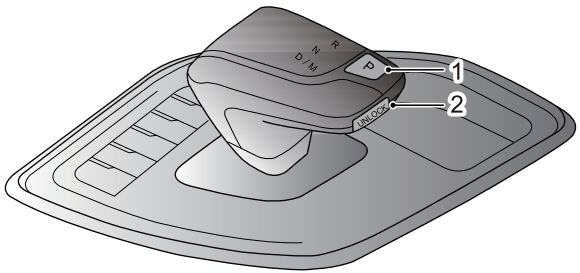
Caution
Under manual mode, if the gear shift time selected by the driver is unreasonable, or if upshift at low engine speed or downshift at high engine speed, the transmission will not respond, and the vehicle drives still in the current gear. When the vehicle drives in a certain gear, and the engine speed is lower than a certain value, the transmission will automatically downshift to an adjacent lower gear to avoid engine flameout; when the vehicle accelerates, and the engine speed rises up continuously to the maximum speed allowable by the gear, the transmission will automatically upshift to an adjacent higher gear to protect the engine if there is no upshift request.

Shifting operation (Type 2)

Situation of the mass surrounding the vehicle especially children must be checked before shifting to D (forward) or R (reverse) gear. Make sure the shift lever is in P (park) position before leaving the driver seat; then set the parking brake and shut down the engine.

To avoid damages to the transmission, do not accelerate the engine while depressing the brake pedal and shifting to R (reverse) or D (drive) gear. When parking on a slope, do not secure the vehicle with engine power. Please use the parking brake. When the engine rotates at a speed higher than 2,500 rpm, do not shift from N (neutral) or P (park) gear to D (drive) or R (reverse) gear.

After the engine is started, normal shifting operation can be performed.



1 P gear button

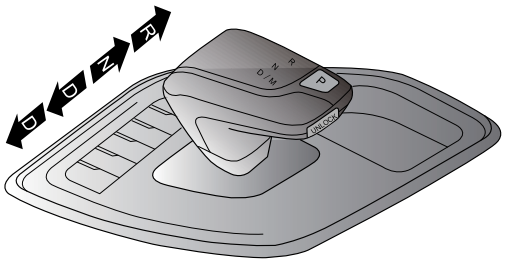
2 Unlock button

Shift to P gear

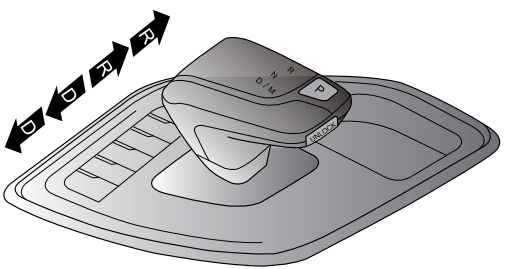
When the vehicle is stationary, press the P gear button (1), and the vehicle engages the P gear.

Shift to R, N or D gear

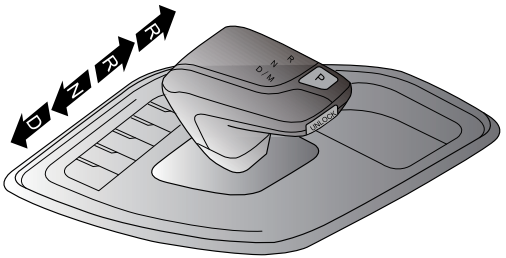
- Current P gear



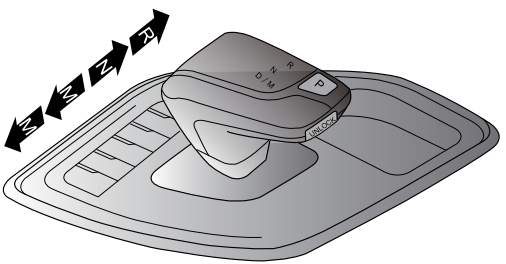
- Current N gear



- Current R gear



- Current D gear



Briefly push and pull the shift lever towards the required direction (two positions each for front and back). After releasing the shift lever, the shift lever will return to the middle position.

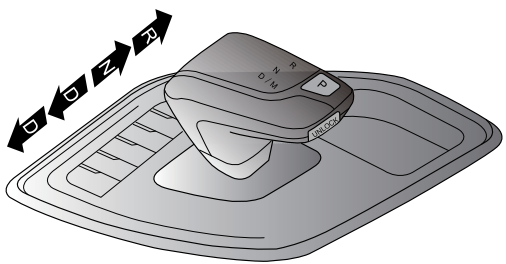
When moving out of P gear, it is required to depress the brake pedal and press the unlock button (2).

When shifting to P gear, it is required to depress the brake pedal and press the unlock button (2).

When shifting to D gear, it is required to depress the brake pedal.

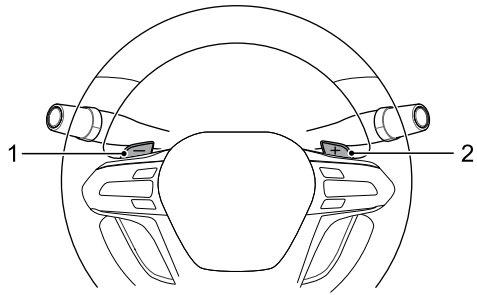
The engaged gear will be displayed on the shift lever and instrument cluster message center.

M gear (manual mode)



In the automatic mode D gear, move the shift lever to backward to switch to M gear and select the manual mode. To return to D (Drive) gear, move the shift lever to backward D gear.

In the manual mode M gear, upshift or downshift can also be achieved by moving the paddle. The gear displayed in the instrument cluster will indicate the current gear of the vehicle with any of M1 ~ M8.



1 Downshift paddle

2 Upshift paddle

In the automatic mode D gear, operate the steering wheel shift paddle directly to enter the temporary manual mode. Upshift or downshift can be achieved by moving the paddle again. The gear displayed in the instrument cluster will indicate the current gear of the vehicle with any of D1 ~ D8.

Caution
The temporary manual mode is for temporary use only, not a long-term manual state. If the shift paddle is not operated again for a period of time, the system will return to the automatic mode D gear.

Note: In M gear mode, after completely stopping the vehicle, press the P gear button to directly engage the P gear.

Caution
Under manual mode, if the gear shift time selected by the driver is unreasonable, or if upshift at low engine speed or downshift at high engine speed, the transmission will not respond, and the vehicle drives still in the current gear. When the vehicle drives in a certain gear, and the engine speed is lower than a certain value, the transmission will automatically downshift to an adjacent lower gear to avoid engine flameout; when the vehicle accelerates, and the engine speed rises up continuously to the maximum speed allowable by the gear, the transmission will automatically upshift to an adjacent higher gear to protect the engine if there is no upshift request.

Auto Park (automatically return to P gear) function

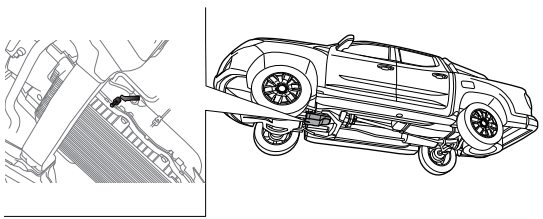
To ensure safety, when the vehicle is powered off in P gear, the transmission will automatically engage P gear.

When the vehicle is stationary, if the driver unfastens the seat belt and does not step on the brake pedal and accelerator pedal, and meanwhile there is door open action, the transmission will automatically engage P gear.

Manually Release P Gear Lock (Towing Mode)

When the vehicle fails to move the shift lever out of P gear (dead battery, transmission controller failure, shifter failure, etc.), the transmission must be manually forced to shift from P gear to N gear before the towing can be carried out. Otherwise the transmission may be damaged.

It is required for user to rotate the bolt of transmission shown in the figure up to the end, jack up the transmission rocker arm and forcibly switch the gear to N gear. After manually releasing the P gear, the bolt shown in the figure cannot be reused, please contact Our Service Dealer for service.



Power steering unit

Hydraulic power steering unit

The vehicle is equipped with power steering unit, therefore the driver can maintain full control over steering in case of hydraulic failure, but greater force shall be applied to operate the steering wheel.

Electric power steering unit

The electric power steering unit enables you to steer with less force.

When the steering system fails or the engine shuts down (the vehicle is towed by another vehicle), the driver can still maintain full control over the steering while needs to apply greater force to operate the steering wheel.

Four-Wheel Drive (4WD)

Part-time 4WD system

The part-time 4WD switch is located on the auxiliary fascia console. Use the part-time 4WD switch to select 2H (high-speed two-wheel drive) or 4H (high-speed four-wheel drive) or 4L (low-speed four-wheel drive) mode. When switching the mode, if it is operated improperly, the instrument cluster message center will display related alarm message. After successful switching, the corresponding 4WD mode indicator will be displayed on the instrument cluster message center.

Instructions before use

- Driving in 4H/4L mode on the dry road in good condition will increase the wear speed of wheels and vehicle noise, easily cause damage to the drive system components, and meanwhile there is risk of driving, therefore it is required to use 2H mode under such road conditions, and it is forbidden to use 4H/4L mode.
- Large-angle turning is prohibited under 4H/4L mode, otherwise it will easily damage the components of power train system and cause abnormal wear of tire, even rollover accident in serious cases.
- It is forbidden to choose 4H/4L mode on the road with high adhesion (urban road, expressway, etc.). The vehicle speed must be controlled below 80 km/h under 4H mode; "4H indicator" will flash and prompt "Slow Down" and send audible alarm if the vehicle speed is higher than 80 km/h under 4H mode; the vehicle speed shall be controlled below 30 km/h under 4L mode.
- If 4H or 4L indicator is not on or off when the part-time 4WD switch is operated, or "part-time 4WD malfunction warning light (red)"  illuminates, please drive immediately to Our Service Dealer for vehicle inspection.

Instructions for switching

Operating switch on the auxiliary fascia console			
4WD mode indicator on the instrument cluster	2H	4H	4L
	2H indicator	4H indicator	4L indicator
Drive mode	2H (high-speed 2WD)	4H (high-speed 4WD)	4L (low-speed 4WD)
Driving Conditions	Use common drive mode on the road with high adhesion, such as expressway, urban road and other road in good condition.	For road with low adhesion, such as snowy road, grassland, muddy road, sandy road and other road in poor condition.	For the rough driving conditions with low speed and large torque, such as driving through the puddle, hill and shell-hole, etc.

Caution
• When shifting to/out of 4L mode, stop the vehicle. For MT models, it is required to fully depress the clutch pedal; for AT models, it is required to first push the shift lever to N position. • It takes about 5 seconds to shift to out of 4L mode. Wait patiently until it switches to the target gear and "4L indicator" is displayed on the instrument cluster, which indicates it is successfully switched. Then release the clutch pedal or push the shift lever out of N position. • Under 4L mode, ESC is turned off by default, and "ESC OFF indicator (yellow)" on the instrument cluster illuminates. When switching back to 2H/4H mode, the functions above are automatically resumed. • The 4L mode is a special operating condition, and there is a mechanical movement of the gears in the transfer case during switching, which may cause gear stagnation. When it fails to switch to the 4L mode successfully, please drive the vehicle at a speed of less than 3 km/h forward in a straight line or slowly move backward several times, to eliminate gear stagnation before switching. When switching to 4L mode, there may be a mechanical combination of banging sound and slight shaking of the vehicle, which is normal.

Caution
• Driving the vehicle is prohibited during switching to 4L, or the transfer case is easy to be damaged.

Switching between 2H and 4H

Do not shift the 2H switch to 4H switch when wheels are steering/spinning. Shift the 2H/4H switch only after the wheels stop steering or spinning.

With the ignition switch in "ON" position, stop the vehicle or drive straight ahead at a speed below 80 km/h.

Select the 2H/4H switch on the auxiliary fascia console; when switching the mode, if it is operated improperly, the instrument cluster message center will display related alarm message. After successful switching, the corresponding 4WD mode indicator "2H/4H indicator" will be displayed on the instrument cluster.

When switching from 2H to 4H, "4H indicator" will keep flashing before switching is completed, and "4H indicator" will be normally on after the operation is done.

When switching from 4H to 2H, "2H indicator" will keep flashing before switching is completed, and "2H indicator" will be normally on after the operation is done.

Note: If 4WD mode indicator fails to be on or off, drive the vehicle forward slowly.

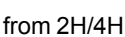
Switching between 2H and 4L, 4H and 4L

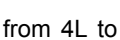
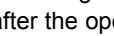
The vehicle must be stopped and the ignition switch must be in "ON" position.

For MT models, fully depress the clutch pedal when switching; for AT models, push the shift lever to N position when switching.

Note: Switching can be made after above-mentioned conditions are met. When switching to 4L mode, the driving mode function SPORT/ECO is unavailable.

Select the 2H/4H/4L switch on the auxiliary fascia console; when switching the mode, if it is operated improperly, the instrument cluster message center will display related alarm message. After successful switching, the corresponding 4WD mode indicator "2H/4H/4L indicator" will be displayed on the instrument cluster.

When switching from 2H/4H to 4L, "4L indicator"  will keep flashing before switching is completed, and "4L indicator" will be normally on after the operation is done.

When switching from 4L to 2H/4H, "2H indicator"  /"4H indicator"  will keep flashing before switching is completed, and "2H/4H indicator" will be normally on after the operation is done.

Note: The 4L mode is a special operating condition, and there is a mechanical movement of the gears in the transfer case during switching, which may cause gear stagnation. When 4WD mode indicator fails to be on or off, please

drive the vehicle at a speed of less than 3 km/h forward in a straight line or slowly move backward several times, to eliminate gear stagnation.

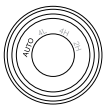
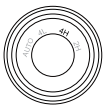
Real-time 4WD system

The real-time 4WD switch is located on the auxiliary fascia console. Use the real-time 4WD switch to select 2H (high-speed two-wheel drive), AUTO (automatic) mode, 4H (high-speed four-wheel-drive) and 4L (low-speed four-wheel-drive) mode. When a drive mode is selected, the instrument cluster message center will display corresponding instructions and indicators.

Instructions before use

- Driving in 4H/4L mode on the dry road in good condition will increase the wear speed of wheels and vehicle noise, reduce fuel efficiency, and meanwhile easily cause damage to the drive system components. Therefore 2H/AUTO mode is recommended under such driving condition.
- Large-angle turning is forbidden under 4H/4L mode on the road with high adhesion (urban road, expressway, etc.), otherwise it will easily damage the drive system components and cause abnormal wear of tire, even rollover accident in serious cases.
- It is forbidden to choose 4H and 4L modes on the road with high adhesion (urban road, expressway, etc.)
- Avoid prolonged driving on sandy or muddy roads. If the vehicle drives on sandy or muddy roads for a long time, it may activate the overheating protection function of system, exit 4WD, and switch to 2WD, to protect the 4WD.
- When the "real-time 4WD malfunction warning light (yellow)"  on the instrument cluster illuminates, please drive immediately to Our Service Dealer for vehicle inspection.

Instructions for switching real-time 4WD system

Operating switch on the auxiliary fascia console				
4WD mode indicator on the instrument cluster	2H	AUTO	4H	4L
	2H indicator	AUTO indicator	4H indicator	4L indicator
Drive mode	2H (high-speed 2WD)	AUTO (automatic)	4H (high-speed 4WD)	4L (low-speed 4WD)
Driving Conditions	Use common drive mode on the road with high adhesion, such as expressway, urban road and other road in good condition.		For road with low adhesion, such as snowy road, grassland, muddy road, sandy road and other road in poor condition.	For the rough driving conditions with low speed and large torque, such as driving through the puddle, hill and shell-hole, etc.

Caution
• When shifting to/out of 4L mode, stop the vehicle. For MT models, it is required to fully depress the clutch pedal; for AT models, it is required to first push the shift lever to N position. • It takes about 5 seconds to shift to out of 4L mode. Wait patiently until it switches to the target gear and "4L indicator" is displayed on the instrument cluster, which indicates it is successfully switched. Then release the clutch pedal or push the shift lever out of N position. • Under 4L mode, ESC is turned off by default, and "ESC OFF indicator (yellow)" on the instrument cluster illuminates. When switching back to 2H/AUTO/4H mode, the functions above are automatically resumed. • The 4L mode is a special operating condition, and there is a mechanical movement of the gears in the transfer case during switching, which may cause gear stagnation. When it fails to switch to the 4L mode successfully, please drive the vehicle at a speed of less than 3 km/h forward in a straight line or slowly move backward several times, to eliminate gear stagnation before switching. When switching to 4L mode, there may be a mechanical combination of banging sound and slight shaking of the vehicle, which is normal.

Caution
• Driving the vehicle is prohibited during switching to 4L, or the transfer case is easy to be damaged.

Switching between 2H and AUTO, 4H and AUTO, 2H and 4H

The ignition switch is in "ON" position.

Select the 2H/AUTO/4H switch on the auxiliary fascia console, the instrument cluster message center will display "2H/AUTO/4H mode selection"; after successful switching, the corresponding 4WD mode indicator "2H/AUTO/4H indicator" will be displayed on the instrument cluster.

Switching between 2H and 4L, 4H and 4L, AUTO and 4L

The vehicle must be stopped and the ignition switch must be in "ON" position.

For MT models, fully depress the clutch pedal when switching; for AT models, push the shift lever to N position when switching.

Note: Switching can be made after above-mentioned conditions are met.

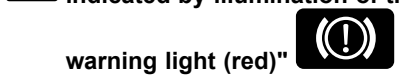
When selecting the 2H/AUTO/4H/4L switch for switching the mode, if it is operated improperly, the instrument cluster message center will display related alarm message. After successful switching, the corresponding 4WD mode indicator "2H/AUTO/4H/4L indicator" will be displayed on the instrument cluster.

Note: The 4L mode is a special operating condition, and there is a mechanical movement of the gears in the transfer case during switching, which may cause gear stagnation. When 4WD mode indicator fails to be on or off, please drive the vehicle at a speed of less than 3 km/h forward in a straight line or slowly move backward several times, to eliminate gear stagnation.

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 continue driving.**

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 engine 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 Braking System)

ABS is used to prevent the road wheels from locking under emergency braking, thereby helping you maintain steering control. No special driving technique is needed.

Under normal braking (where sufficient road surface friction exists to prevent wheel lock), the ABS will not be activated.

An integral feature of this braking system is Electronic Brake Distribution (EBD), which is used to optimize the braking force at the rear wheels under full load condition.

Important rules for emergency brake with ABS On:

1 For vehicles equipped with manual transmission, depress the clutch pedal and fully depress the brake pedal at the same time; for vehicles equipped with automatic transmission, fully depress the brake pedal.

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

ABS Function

ABS may not be able to shorten the brake distance, depending on road surface conditions, brake distance may vary significantly. In fact, when the vehicle without ABS drives on some roads (e.g., gravel road or snowy road), the brake distance may be shorter.

ABS cannot overcome the physical limitations of stopping your vehicle in too short a distance, cornering at high speed, or aquaplaning, i.e. where a layer of water prevents adequate contact between the tires and the road surface.

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

Even when making emergency braking on a slippery road surface, be sure to depress the clutch pedal and fully depress the brake pedal. ABS is activated; it constantly monitors the speed of each wheel and varies the braking pressure to each according to the amount of friction available.

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

Precautions for driving a vehicle with ABS

- In case of emergency braking, for vehicles equipped with manual transmission, depress the clutch pedal, meanwhile fully depress the brake pedal; for vehicles equipped with automatic transmission, 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.

ESC (Electronic Stability Control)

Functions of ESC

ESC covers the functions of ABS, EBD, TCS, VDC, EBA, RMI, HHC and HDC.

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

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

ESC can be turned off with ESC OFF button on the entertainment system display, and when ESC function is turned off, "ESC OFF indicator (yellow)" 

illuminates and only ABS and EBD functions are available.

EBD (Electronic Brake-force Distribution)

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

TCS (Traction Control System)

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

VDC (Vehicle Dynamics Control)

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

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.

HHC hill hold control

When the vehicle drives uphill, HHC can prevent the vehicle from sliding backwards after the driver releases the brake pedal. The driver has up to 2s (for AT models) or 3s (for MT models) to move his foot from the brake pedal to the accelerator pedal for hill-start.

HDC (Hill Descent Control)

When driving on a long downhill road with a relatively great gradient, if the vehicle speed is within a certain speed range, there is no need for the driver to depress the brake pedal and accelerator pedal, and the vehicle will run at a low speed automatically, so as to ensure the vehicle goes downhill steadily; at this time, the driver can correct the automatically controlled speed of system through brake pedal and accelerator pedal.

When the vehicle speed is within the range of 35 - 60 km/h, HDC is inoperative but in standby state.

When the vehicle speed is greater than 60 km/h, HDC function automatically exits, and when it is reactivated, it is required to press the HDC switch  again.

When the ignition switch is placed in "ON" position, HDC is in off state by default, and other functions of ESC are all in standby state. When the HDC switch is turned on, "HDC indicator (yellow)"  in the instrument cluster illuminates, and HDC function is in monitoring state. At this time, if HDC operates, "HDC indicator (yellow)" will flash; if "HDC indicator (yellow)" goes off, When the HDC switch is turned on, it indicates a HDC failure. Please take the vehicle to Our Service Dealer for ESC inspection. When the HDC switch is turned off, "HDC indicator (yellow)" in the instrument cluster goes off, and HDC function is disabled at this time.

Note: HDC function is used to assist the driver to go downhill steadily at a low speed, and it is not recommended to enable this function on a non-ramp road.

Instructions for turning off ESC under 4L mode of 4WD system

Note: It applies to vehicles configured with 4WD system.

To ensure the vehicle's ability to get out of trouble on rugged and slippery roads, the ESC system will be automatically turned off after the 4WD system is confirmed to switch to 4L mode, at this time, "ESC OFF indicator (yellow)" is normally on, and ESC OFF switch is unavailable. When 4WD system is confirmed to switch to AUTO/2H/4H mode, ESC system automatically resumes to be turned on, and at this time "ESC OFF indicator (yellow)" goes off. See "4WD system" for detailed information on 4L mode of 4WD system.

Precautions for driving a vehicle with ESC

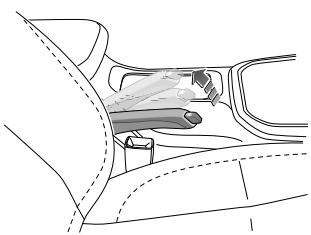
ESC can detect and analyze vehicle conditions, and take preventive measures by correcting wrong driving operation. However, anything has its limit and no safety device is absolutely safe if the driver blindly drives the vehicle over-speeding.

Manual parking brake

Note: It applies to vehicles configured with handbrake.

Pull up parking brake handle.

- Depress the brake pedal all the way down to make a full stop.
- Pull up the parking brake handle with effort.
- For vehicles equipped with manual transmission, move the shift lever in 1st gear (flat ground or uphill) or R gear (downhill) when parking. For vehicles equipped with automatic transmission, move the shift lever in P gear when parking.
- Release the brake pedal and ensure the vehicle is already in stationary state.
- If the vehicle still moves, pull up the parking brake handle with greater effort.



When the ignition switch is placed in "ON" position, pull up the parking brake handle, and "brake system warning light (red)"  in the instrument cluster will illuminate.

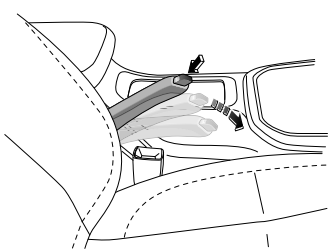
Ramp parking

When parking uphill, turn the front wheels away from the curb. When parking downhill, turn the front wheels to the curb.

Release the parking brake handle

Before the ignition switch is turned on, do not release the parking brake handle. Otherwise vehicle may slip backwards, and the vehicle can not make a hill start. Before driving, ensure the parking brake handle has been fully released, and "brake system warning light (red)" in the instrument cluster has gone out, because partial braking may lead to overheat, efficiency reduction and excessive wear of rear brakes and even an accident.

Slightly pull up the parking brake handle, then press the button at the end of lever, and push the handle fully down.



Warning Light

Warning lights related to brake system include "brake system warning light (red)", "ABS warning light (yellow)", "EBD warning light (red)", "ESC indicator (yellow)", "ESC OFF indicator (yellow)" and "HDC indicator (green)", 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 safety concerns, after starting the vehicle, it is necessary to detect the effective brake signal before entering the cruise control system.

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

Cruise control settings

Setting cruise control

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

The cruise control switch is located on the steering wheel.

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

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

RES+: cruise recovery/acceleration switch. To store the set speed, press this switch to resume that speed; press this switch again to accelerate (1 km/h increase per time).

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

Setting speed

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

2 Accelerate to the desired speed.

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

3 Press SET- switch and then release it. Then the current speed will be stored and maintained and the "cruise control indicator" on the instrument cluster will turn green from white.

4 Release the accelerator pedal, and then the vehicle will cruise at a steady speed. The cruise control function will be disabled when the brake is 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 40 km/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, press RES+ and then release it. Each time this is done, the vehicle goes about 1 km/h faster.

Decelerating with cruise control enabled

If the cruise control system has been enabled:

- Press SET-, and hold it until the vehicle decelerates to the desired speed, and then release it.
- To decelerate by minor increment, press SET- and then release it. Each time this is done, the vehicle goes about 1 km/h slower.

Overtaking with cruise control enabled

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

Using cruise control on slopes

The performance of cruise control system on a slope depends on the 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" 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.

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.

Two parking sensors installed on the rear bumper will scan the rear 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

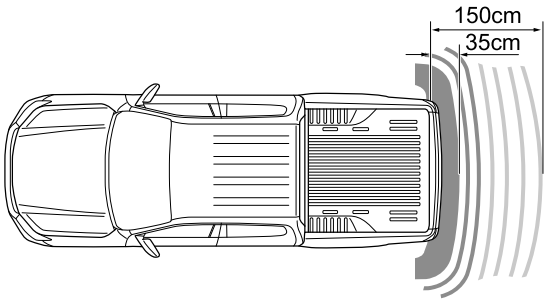
After shifting into the reverse gear, the parking assist system will give out a prompt tone of 0.5s to indicate the operation started automatically. When selecting other gears, the parking assist system will stop working.

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

When reversing the vehicle:

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 35 cm, 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 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.

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

Working status of rear parking assist system

Shift into the Reverse gear and the rear parking assist system will automatically turn on. Shift out of the Reverse gear and the rear parking assist system will automatically stand by.

Working status of front parking assist system

When it is shifted to Reverse gear and the vehicle speed is less than 15 km/h, the front parking assist system will automatically turn on. When it is shifted to D gear or N gear and the vehicle speed is less than 15 km/h and the front parking assist system will enable the detection function.

Note: If the display gives out a prompt tone of 3s after the parking assist system is powered on, it indicates that the system has a malfunction. Contact Our Service Dealer for service as soon as possible.

Front radar switch

The front radar switch is a touch button on the entertainment system display which controls the front radar to be turned on or standby actively. When the front radar switch is effective, press the front radar switch once to turn on the front radar system (standby), and press the front radar switch again to turn off the front radar system (on).

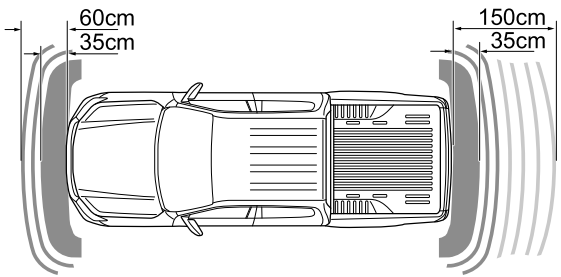
When reversing the vehicle:

When the vehicle is at about 150cm distance from the rear barrier and about 60cm distance from the front 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 front or rear barrier is less than 35cm, 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.

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 3 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.



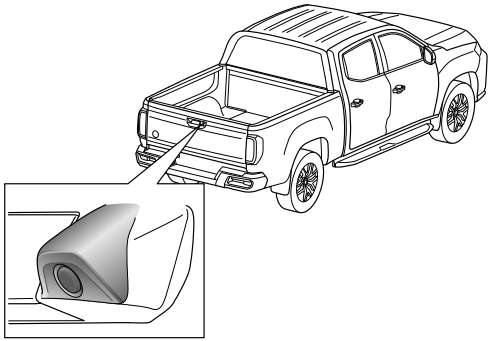
Parking camera

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 shifting the gear to R, the image of entertainment system display screen will be switched to the reverse camera operating state, and the entertainment system display will show the scene image behind the vehicle for the driver's reference during reversing.

When you place the shift lever in other positions, the reverse camera parking assist system will stop operating, and the entertainment system display screen will recover to the pre-reversing state.

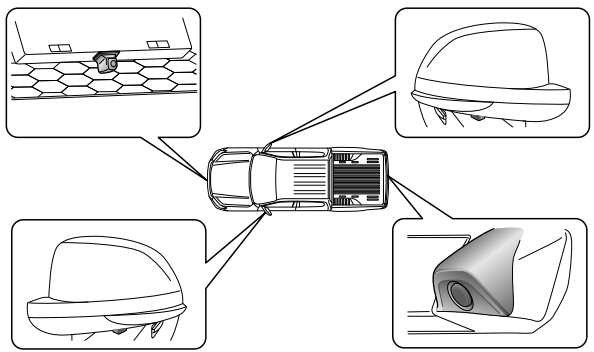


Note: When the vehicle enters the reversing state, cameras will output static reversing tracks which are displayed on the entertainment system display, take the horizontal plane as reference, and identify the area behind the vehicle in segments divided by red, yellow and green lines.

360° Around-view System

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

The 360° around-view system includes 4 cameras, which are respectively installed in the front, rear, left and right of vehicle body.



Operating state of 360° around-view system

After shifting the gear to R, the entertainment system display screen will automatically switch to the 360° around-view

interface, and then you can judge the relative position between the vehicle and barrier according to the image. Please refer to the Operating Instructions of the entertainment system mainframe.

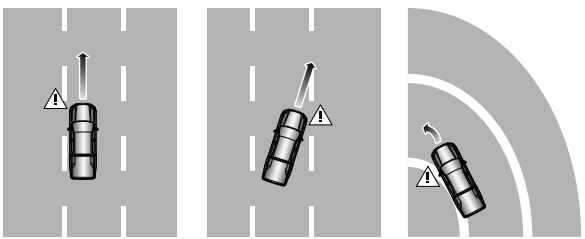
When the vehicle speed is less than 15km/h, press the 360° around-view button on the entertainment system display to turn on the 360° around-view system. Then the entertainment system display will switch to the 360° around-view interface of left turn, right turn or normal driving according to the current vehicle operation.

Note: Select the area to be viewed by touching the front, rear, left or right button on the entertainment system display.

Lane departure warning

The lane departure warning system is a driver assistance system only. Each driver shall always drive with care. Driver shall pay attention to observing other road signs and lane markings.

When the driver has no intention of departing from the original lane (does not turn on the turning signal lamp), the lane departure warning will give an audible and visible alarm before the departure to alert the driver to correct the direction. It prevents entrance into other lanes, thus dramatically reducing collisions due to departure.



If the LDW is enabled, when the vehicle runs at a speed of 72km/h or above and the system detects the left/right lane line, the "Lane departure alert warning light"  will illuminate in green.

At this time, if the vehicle departs from the original lane without the turning signal lamp on(lateral velocity of the vehicle is between 0.1 ~ 0.6m/s, and the lateral position of the vehicle is between 0.75m ~ -0.3m from the lane line edge, Vehicles in-lane are given positive values), this warning lamp will flash in yellow with buzzer alarm.

Note: This function can be disabled manually by pressing the LDW switch on the central control switch block.

Not in standby:

If LDW is turned off, the "Lane departure alert warning light"  will illuminate in yellow.

If LDW is not powered on or connected to network, the "Lane departure alert warning light"  will flash in yellow.

Tires

DEFECTIVE TIRES ARE DANGEROUS!

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

Do NOT overload vehicle.

Incorrect tire inflation pressures or an unbalanced wheel and tire assembly can seriously affect the stability, especially when driving with high payloads or at high speeds. Under-inflation will increase rolling resistance, increase fuel consumption and accelerate tire wear, resulting in tire damage, even an accident.

Always drive with consideration for the condition of the tires; the most common causes of tire failure are:

- Bumping against curbs.
- Driving over deep pot holes.
- Tire under-inflation or pressure overload during driving.

Uneven tread wear can be caused by faulty wheel alignment.

Winter tires

The vehicle speed shall not exceed the maximum allowable speed of the installed winter tires, otherwise the tires may suddenly lose pressure, delaminate, or even burst, which may easily cause accidents!

Be sure to adjust the speed according to the specific climate, roads and traffic conditions. Do not take risks by taking advantage of the anti-skid performance provided by winter tires and beware accidents!

Winter tires can improve the handling stability and braking performance of the vehicle when driving in a low temperature environment or on icy roads. It is suggested that winter tires should be used when the temperature is lower than 7℃.

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

Speed symbol	Maximum speed (km/h)
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

It is the driver's responsibility to ensure no overload in accordance with the laws.

Note: The maximum allowed total mass is indicated on the vehicle identification plate which is located in the lower front of on the B pillar. This Handbook introduces the correct vehicle weight parameters, see "Vehicle weight parameters" in General Technical Parameters section.

Load carrying

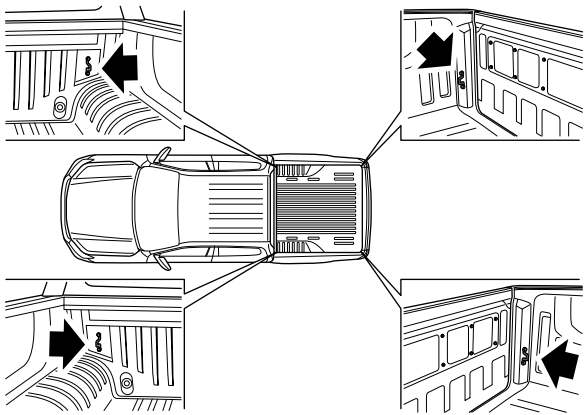
Goods shall be placed between both axles and neither deviate to the front axle loading area nor the rear axle loading area. Heavier goods shall be distributed evenly, and the heaviest goods shall be placed between both axles.

Caution
During the driving of the vehicle, the tailgate of the container shall not be opened. When the vehicle is stopped, the total weight of people and goods shall be controlled below 200kg when using the tailgate of the container to get on and off and load and unload goods.

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.



Cord hook (strapping ring) in the container can withstand the maximum vertical and 45 ° tensile force of 1500N.

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.

Roof Rack and Load Device

Be sure to place your luggage properly on the roof rack, otherwise accidents may occur. Under any circumstances, the maximum roof load, maximum axle load or maximum total vehicle load shall not be exceeded, otherwise accidents may occur. The roof rack with loaded items will reduce the vehicle stability, especially during turns and crosswind. When placing heavy or bulky luggage on the roof rack, the centroid position deviation of the vehicle and the wind resistance may affect the vehicle's drivability and cause accidents. Under this circumstances, you should adjust the driving mode and speed according to the actual situation. Off-road driving with items on the roof rack is not recommended.

The drivability of the vehicle may be affected by the loading items. Only the rack system designed for your vehicle can be fitted. Please consult Our Service Dealer for more information.

For the roof rack system of SMC approved by our company, the maximum driving load is 30 kg, and the maximum driving load

for other roof rack systems is 50 kg. The weight of the approved rack system is not included in the loading capacity.

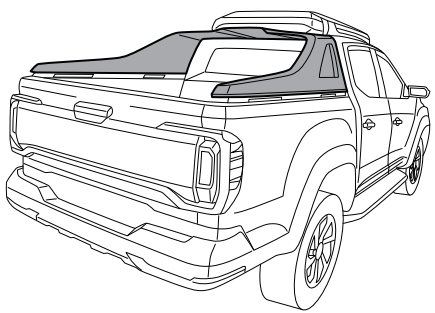
If other roof rack system is used, the system's own weight must be included in the loading capacity.

The loading items must be distributed evenly and not suspended on the rack. Check the connection between the rack and the loading items after driving 50 km.

Roll cage for passenger cars

Note: It applies to vehicles configured with roll cage for passenger cars.

The roll cage for passenger cars is only for decoration, and does not allow stepping or strapping (strapping heavy objects).



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 fuel consumption, 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.

Front end accessories such as bull bars, lights, winches etc. may restrict air flow to the vehicles cooling system. When the vehicle is under load, especially when towing, restricted air flow to the cooling system may decrease the efficiency of the radiator and intercooler as well as increase operating temperatures of the engine and transmission. To prevent engine damage the vehicle ECU will cut power to the engine to allow it to cool down before internal damage can occur (also known as Limp Mode). Any damage caused by or relating to the fitment of aftermarket accessories will not be covered by factory warranty.

Instructions before use

- Comply with the state specific trailer towing regulations.
- Do not exceed 100 km/h.
- Only applies to center axle trailer. And do not exceed the load specified in “Recommended towing weight” when towing a trailer.
- When a new vehicle has been driven or a vehicle has had powertrain parts (Engine, transmission, transfer case, front and rear axle) 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 engine 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.
- 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. When driving on a slope, shift to a lower gear immediately to make full use of engine braking action.
- Engine protection mode

  The engine has an engine protection mode to reduce the chance of damage if the coolant temperature becomes too high (for example, when climbing up a long or steep grades in high temperature (at temperature over 30℃) with heavy loads, such as when towing a trailer). When the engine temperature reaches a certain level:

  1 The engine coolant temperature gauge will move toward the high position.

  2 Engine power may be reduced.

  3 The air conditioning cooling function may be automatically turned off for a short time (the blower will continue to operate).

  Engine power and, under some conditions, vehicle speed will decrease. Vehicle speed can be controlled with the accelerator pedal, but the vehicle may not accelerate at the desired speed.

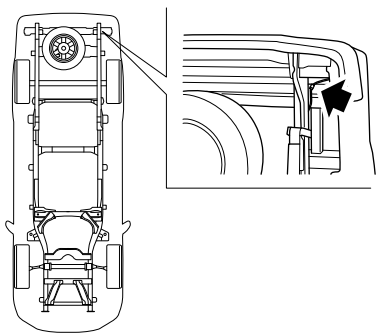
  As driving conditions change and engine coolant temperature is reduced, vehicle speed can be increased using accelerator pedal, and the air conditioning cooling function will automatically be turned back on.

Overheating can result in reduced engine power and vehicle speed. The reduced speed may be lower than other traffic, which could increase the chance of a collision. Be especially careful when driving. If the vehicle cannot maintain a safe driving speed, pull to the side of the road in a safe area. Allow the engine to cool and return to normal operation.

Trailer control module

The trailer control module provides actuation functions for the width lamp, brake lamp, reverse lamp, turn signal lamp and rear fog lamp of the trailer. The trailer control module automatically identifies if a trailer is connected by the trailer detection.

Pull up the parking brake handle and turn off the ignition switch. Connect the trailer; refer to "Installation of Trailer Device" for details. Connect the trailer wiring harness. The harness connection points are as shown below. If the trailer wire harness is required, please contact our Service Dealers.



Turn the ignition switch to "ON" position. When the trailer is connected successfully, “Trailer Indicator Lamp (Green)”  on the instrument cluster stays on; When the turn signal lamp is turned on, “Trailer Indicator Lamp (Green)” on

the instrument cluster flashes. When the trailer connection fails, “Trailer Indicator Lamp (Green)” on the instrument cluster goes off.

Caution
• The width lamp, turn signal lamp or both of them on the trailer must be halogen lamp. Otherwise, it may be misjudged that the trailer is not connected, and normal operation of reverse radar system will be affected. • When the ignition switch is turned to "ON" position, the trailer lamps may flash instantaneously. This is normal as the system is conducting self-check.

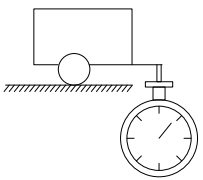
Recommended towing weight

Towing capacity

Variant	Drive	Transmission	Without Trailer Brake	With Trailer Brake
Diesel Engine	4x2	Manual and Auto	750 kg	3,000 kg
	4x4	Manual and Auto	750 kg	3,000 kg

Trailer nose weight

Caution
Never exceed the maximum allowable nose weight, for example, the vertical weight on the tow ball. This is important for the vehicle and trailer stability.

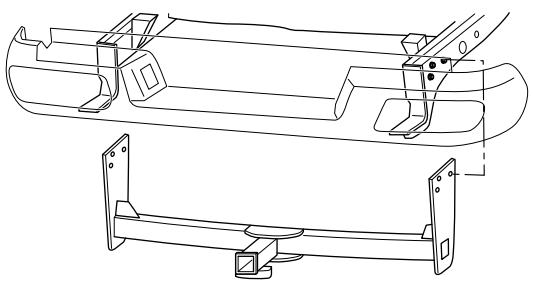


Variant	Maximum Nose Weight
All models	250 kg

Installation of trailer device

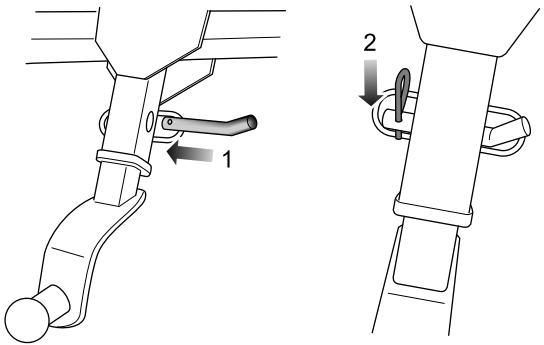
1 Install the trailer device onto the frame. The trailer device shares the same mounting points with the rear bumper bracket. It is required to remove the rear bumper assembly, and install the rear bumper assembly and trailer device together onto the frame, and then tighten the bolts to 80±5Nm. If the trailer device is required, please contact our Service Dealers.

2 Insert the tow ball arm into the tow bar. The dimensions of tow ball arm are 50mm×50mm, and the user can select the 50mm tow ball of local standard as required, which shall comply with the local certification.



3 Insert a pin (1).

4 Fix the pin with a clip (2).



Maintenance

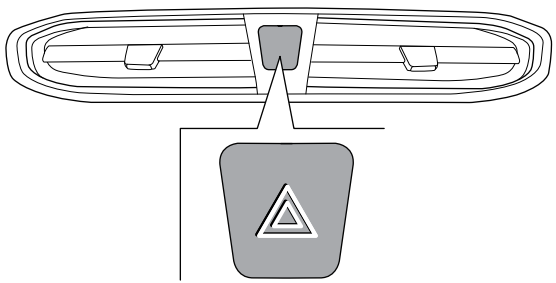
If the vehicle is often used to tow a trailer, additional maintenance shall be made in the maintenance intervals to ensure continuous satisfaction for the vehicle.

Emergency Troubleshooting

162 Hazard warning light
162 Warning triangle
163 Wheel replacement
169 Towing a vehicle
171 Draining fuel filter
172 Jump start
174 Fuse replacement
182 Bulb replacement

Hazard warning light

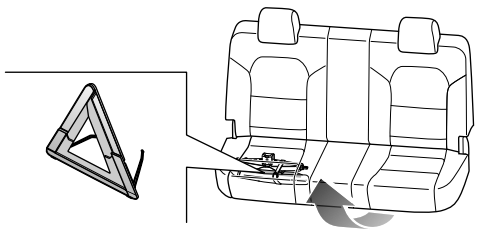
When you encounter a problem during driving and have to stop the vehicle or slow down, you shall press the hazard warning light switch ⚠ in the dashboard, the "direction indicators (green)" on the instrument cluster will illuminate and flash, meanwhile all direction indicators flash to alert others and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



Warning triangle

Warning triangle is placed under the second-row seats.

When you encounters a problem during driving and have to pull the vehicle over, you must place a warning triangle about 100m right behind the vehicle to alert vehicles behind.

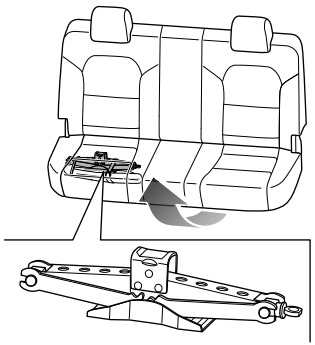


Wheel replacement

Jack

Placement

The jack are placed below the second-row seats.



Specifications

This jack is just for wheel replacement. Never use it for other purposes.

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

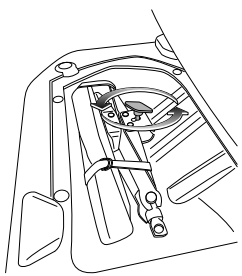
Spare tire

Check the pressure of the spare tire regularly. Using a spare tire of incorrect tire pressure will affect the wheel stability, which may cause danger and permanent damage to the wheel.

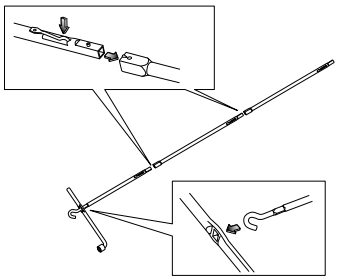
The spare tire is mounted at the rear bottom of the body; the wheel nut wrench in the vehicle tool kit can be used to rotate the pillar bolt of drive mechanism, thus releasing or tightening the rope for the spare wheel to achieve the function of spare tire replacement.

Removing spare tire

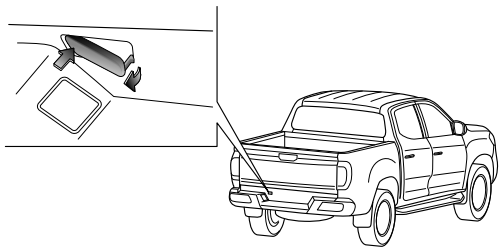
1 Rotate the securing bolt of vehicle tool to take out the tool.



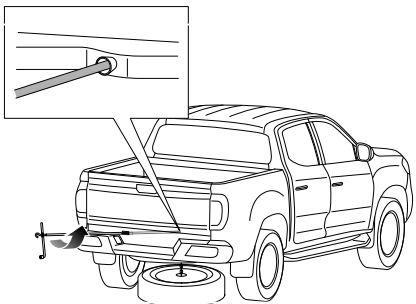
2 Mount the auxiliary rotary post and the wheel nut wrench.



3 Press the left end of the cover with hand and then open the rear bumper cover.

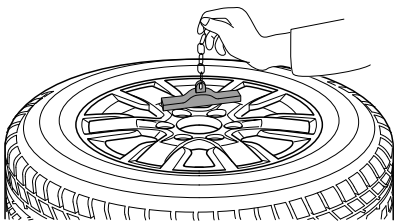


4 Insert the auxiliary rotary post into the spare tire loading/unloading hole through the cover, and then rotate the wheel nut wrench counterclockwise to lower the spare tire till the tire lands on the ground.



5 After the spare tire lands on the ground, continue to rotate the wheel nut wrench counterclockwise and, at the same time, pull out the spare tire. Excessive rotation of the wrench is prohibited, or the spare tire device will be damaged.

6 Remove the tray from the spare tire.

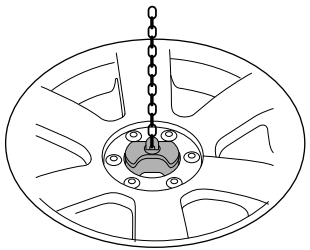


Storing the spare tire

1 Place the wheel on the ground with the air valve facing up.

2 Place the wheel at the rear bottom of the vehicle.

3 Place the spare tire tray in the center of the rim, and adjust it to the proper position to make it tightly connected to the spare tire.



4 Rotate the wheel nut wrench clockwise till the nut is tightened.

Caution
After placing the wheel on the spare tire holder, check whether the wheel mounting is tight. If the wheel is loose, it may fall off owing to vibration and cause an accident.

5 Close the rear bumper cover.

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 warning light and position a warning triangle.

Ensure that the ground where the jack is located is firm enough to support the jack and the vehicle to be lifted; otherwise it will move for instability, causing damage to the vehicle and/or personal safety.

Secure other wheels with proper wheel stoppers.

Never use jack if the ground is 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.

When the engine is shut down, enable the parking brake and move the shift lever to 1st gear or R gear.

Positioning jack

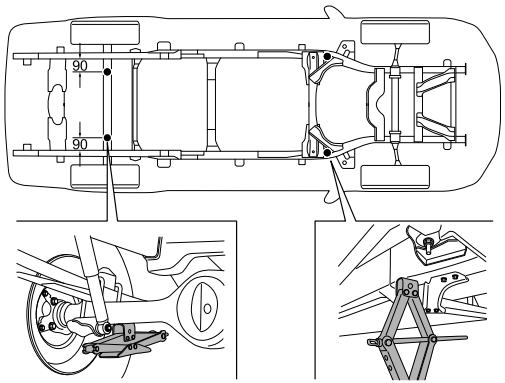
Only use jack at specified jacking points. The lifting height shall not be more than the height necessary for tire replacement (such as no more than 30cm above the ground).

Before using the jack, ensure all passengers 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.

The jack points for front wheels are located on lower plane of the side member (between the 4th cross member and the 2nd suspension). The jack points for rear wheels are located on the rear axle housing (about 90mm from the rear leaf spring); meanwhile, concave of the jack should be aligned with camber of the rear axle housing sleeve.



Replacing with spare tire

During the lifting, do not start the engine. Never walk under the lifted vehicle.

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

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

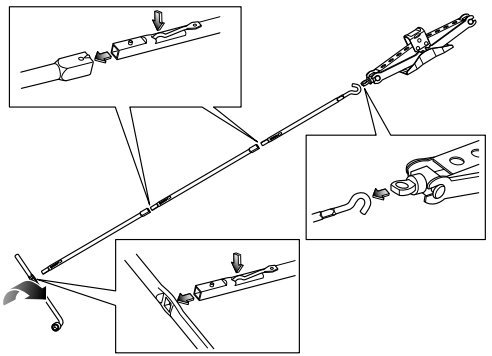
Replaced wheel, jack and vehicle tool kit must be stored in specified location. Otherwise they may cause damage or personal injury during impact or heavy braking if casually or improperly placed.

1 Remove the spare tire (See "Spare tire" in this section).

2 Check whether the jack is still perpendicular to the jacking points; Change position when necessary.

3 Use the wheel nut wrench in the vehicle tool kit to loosen the wheel nut counterclockwise.

4 Install the auxiliary rotating extension bar and turn the wheel nut wrench clockwise until the wheel to be replaced is just off the ground.



5 Remove the retaining nuts of the wheel and then carefully remove the wheel.

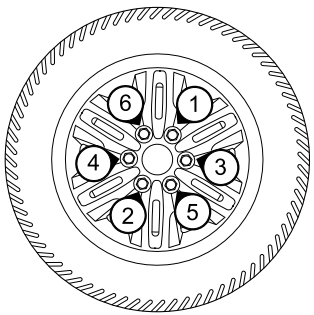
6 Replace it with the spare wheel and then tighten the wheel nuts clockwise.

7 Lower the vehicle body and remove the jack.

8 Fully tighten the retaining nuts of the wheel in a diagonal order (see the diagram); the wheel nut torque is 125±13Nm.

9 Put away the replaced wheel, auxiliary rotary post of the jack, wheel nut wrench, jack and vehicle tool kit.

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



Caution
Be sure to fully lift and tighten the tray of the spare tire device even if no spare tire is mounted.

Towing a vehicle

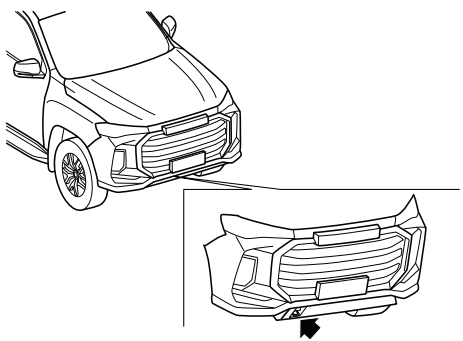
While towing or being towed, relative national regulations about vehicle towing shall be abided by.

Towing hitch

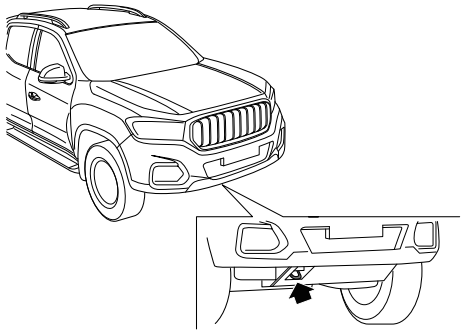
Front towing hitch

The front towing hitch is located at the lower right side of front bumper.

Type 1



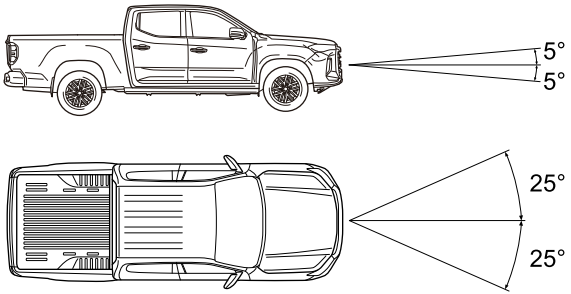
Type 2



Note: For vehicles configured with front towing hitch cover, when towing the vehicle, it is required to remove the towing hitch cover. First press the upper end of the cover inward, and rotate it to pull out the towing hitch cover. After removal, please note that the towing hitch cover shall be placed in the vehicle in case of loss, and reinstall the towing hitch cover after vehicle towing is completed.

Caution
The mass that the front towing eye can bear is 1/2GVW (total mass). Do not tow the vehicle with a mass more than this value.

The application range of towing rope is as shown below:



Towing

Before towed

To ensure the steering gear can rotate freely, turn the ignition switch to "ON" position and keep it in this position during towing process. This is to ensure the steering is unlocked, and the turn signal lamps and brake lamps can operate.

Being towed

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

There is no brake booster assist or power steering assist when the engine is not running. In this case, it needs to operate the brake pedal with larger force and rotate the steering wheel for longer time.

Caution
• When towing vehicles, for 2WD AT models, be sure to lift the driving wheels off the ground, and maintain the towing speed less than 50km/h. When the towing distance is less than 50km, place the shift lever in N gear. • When towing vehicles, for 2WD MT models, the shift lever must be placed in N gear. • When towing vehicles, for 4WD models, please tow the whole vehicle with a flat bed trailer.

Draining fuel filter

Note: It applies to vehicles equipped with diesel engine.

Be sure to wear proper gloves to protect hands from diesel.

Drain water according to the following steps:

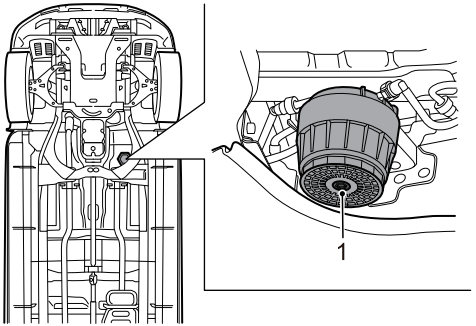
1 Turn the ignition switch to "LOCK" position.

2 Place a suitable container under the fuel filter drain bolt and unscrew the bolt (1) with an appropriate tool.

3 If clean diesel flows out, re-tighten the drain bolt (1), with the tightening torque of 2 ~ 2.5 Nm.

4 Start the engine. "Fuel filter water level warning light (yellow)" shall go out after about 2 seconds. Check the filter for fuel leakage.

Caution
If "fuel filter water level warning light (yellow)" in the instrument cluster illuminates while driving, please park the vehicle in a safe place, shut down the engine and drain water.



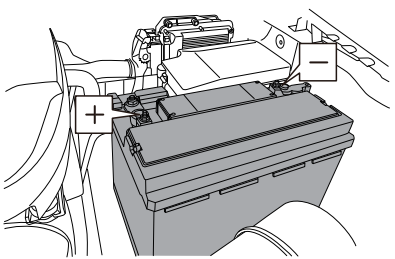
Do not pour diesel fuel into domestic or public sewage system. Please use locally approved waste treatment equipment.

Jump start

Battery disconnection

Always wear protective gloves and eye protecting glasses when working on a battery. Do not use naked light, cause sparks or smoke in the area of the battery. You can be seriously injured and the vehicle damaged.

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



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

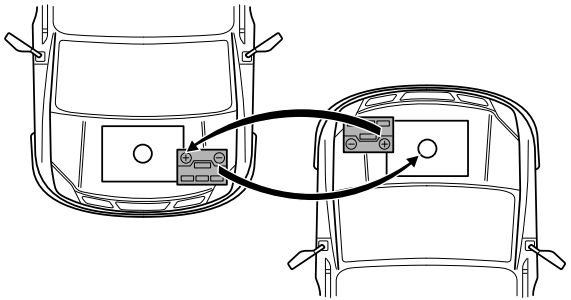
Jump start

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 the engine and 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 needs to be powered.
- Ensure all connection mechanisms are well connected.
- Check whether the jumper cable is clear of any moving parts when the engine starts.
- Check whether the parking brake handles of both vehicles have been engaged and whether the shift lever is in N gear.



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.
- Allow the engine to idle for more than 2 minutes after started.

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

Disconnecting

- Shut down the engine of the vehicle that supplies power.
- Ensure the cable terminals shall not contact with each other or any moving parts of the engine while disconnecting.
- Remove the jumper cable. Removal is the reverse of connection.

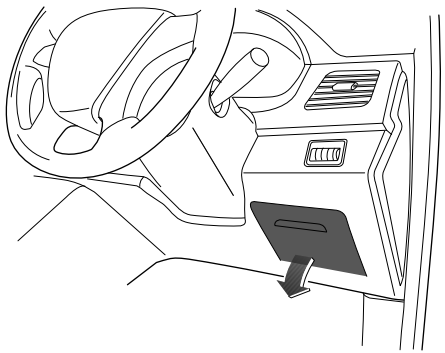
Fuse replacement

Fuses of this vehicle are located in three boxes.

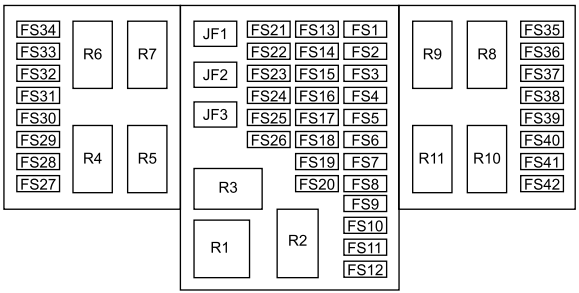
Caution
Spillage of liquid to any electric components in the vehicle may damage the components, so it is required to cover any electric components. The content of the fuse specification list will be constantly updated according to the vehicle configuration and technical status, please refer to actual state of your vehicle.

Driver compartment fuse box

Driver compartment fuse box is located behind the lower storage box at driver side.



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



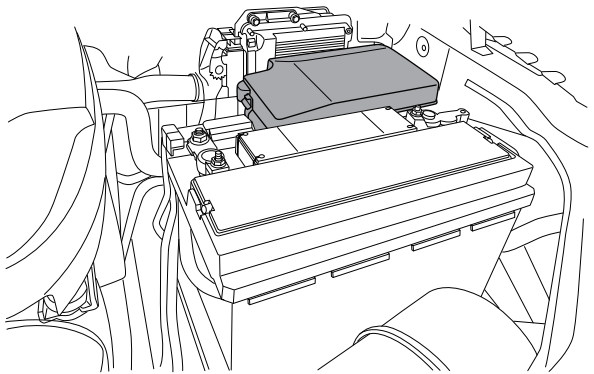
Specifications

Fuse	Specification	Function
JF1	/	Reserved
JF2	25A	Driver seat adjustment
JF3	25A	Front passenger seat adjustment
FS1	7.5A	Engine control module
FS2	10A	Instrument/BCM/PEPS
FS3	10A	Airbag control module
FS4	7.5A	ABS/ESC
FS5	10A	Tire pressure monitoring/automatic anti-glare rearview mirror/gateway/LDW
FS6	10A	Automatic transmission/shift lever/A/C
FS7	7.5A	BCM_Rearview mirror fold
FS8	25A	BCM_Central lock
FS9	7.5A	Interior lamp
FS10	10A	BCM_Fuel tank cap actuator
FS11	10A	BCM_Windshield washer
FS12	25A	BCM_Exterior lamp
FS13	10A	10-inch screen/RF receiver/TPMS(tire pressure monitoring)
FS14	25A	Inverter
FS15	10A	Driver seat heater
FS16	10A	Front passenger seat heater
FS17	15A	12V socket
FS18	10A	Inverter/rearview mirror adjustment/trailer/power window
FS19	15A	Cigar lighter
FS20	10A	Gateway
FS21	10A	OBD/TPMS(tire pressure monitoring)/RF receiver
FS22	10A	Automatic transmission
FS23	25A	Entertainment system
FS24	10A	Instrument/IMMO base station
FS25	20A	Horn
FS26	10A	A/C/LDW/rain solar sensor/4WD switch
FS27	10A	TCCU
FS28	10A	Front blower feedback signal
FS29	25A	Driver window regulator motor
FS30	25A	Front passenger window regulator motor
FS31	25A	Rear left window regulator motor
FS32	25A	Rear right window regulator motor
FS33	15A	Gateway
FS34	7.5A	Rearview mirror heater

Fuse	Specification	Function
FS35	30A	TCCU PWR 1
FS36	30A	TCCU PWR 2
FS37	25A	Towing power supply 1
FS38	25A	Towing power supply 2
FS39	/	Reserved
FS40	/	Reserved
FS41	/	Reserved
FS42	/	Reserved
R1	/	Front blower relay(-S)/ACC power relay
R2	/	ACC relay
R3	/	IG relay
R4	/	Front blower relay(S)
R5	/	Horn relay
R6	/	Left power window relay
R7	/	Right power window relay
R8	/	Driver seat adjustment relay
R9	/	Front passenger seat adjustment relay
R10	/	Rear window/mirror heating relay
R11	/	Reserved

Front compartment fuse box

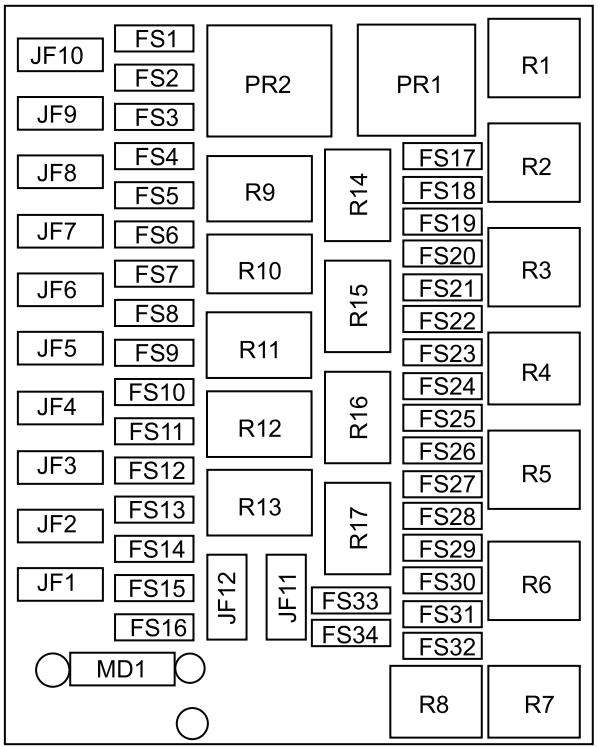
Front compartment fuse box is located at the right of compartment wall at the front hood bottom (viewed from the front of vehicle).



Caution
Before opening the fuse box cover, make sure its surroundings are dry and no fluid flows from any direction into the opened fuse box, otherwise the fuse box will be damaged, leading to serious consequences.

Fuse can be accessed by just removing the cover of front compartment fuse box. Fuses in the front compartment fuse

box can be identified by the label printed at the back of the fuse box cover.



Specifications

Code	Specification	Function
FS1	30A	TTCCU
FS2	25A	Rear window/mirror defrost
FS3	30A	IEC (driver compartment fuse box) power 6
FS4	25A	Fuel filter heater
FS5	25A	ABS valve
FS6	30A	Trailer power 1
FS7	25A	Front wiper motor
FS8	15A	Ignition switch/brake switch
FS9	15A	A/C Compressor
FS10	30A	IEC (driver compartment fuse box) power 7
FS11	30A	IEC (driver compartment fuse box) power 4
FS12	30A	IEC (driver compartment fuse box) power 5
FS13	25A/30A	Low/High beam
FS14	20A/30A	ACC power 2
FS15	10A	Daytime running lamp/position lamp
FS16	20A	IEC (driver compartment fuse box) power 8
FS17	15A	Main relay 1
FS18	20A	Main relay 2

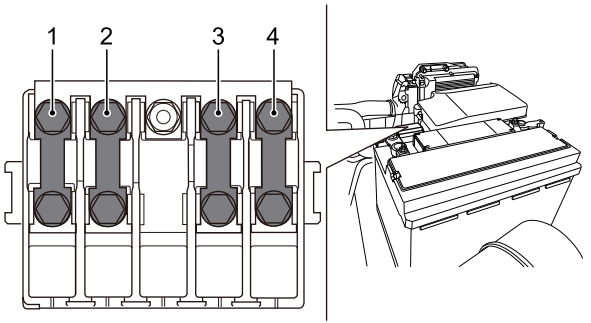
Code	Specification	Function
FS19	15A	Main relay 3
FS20	/	Reserved
FS21	/	Reserved
FS22	/	Reserved
FS23	20A	EMS KL87
FS24	30A	Fuel pump
FS25	10A	ECM (engine control module)
FS26	15A	SCR (urea system)
FS27	/	Reserved
FS28	15A	Left high beam
FS29	15A	Right high beam
FS30	15A	Left low beam
FS31	15A	Right low beam
FS32	10A	Adjust headlamp leveling motor
FS33	/	Reserved
FS34	/	Reserved
JF1	30A	Main relay
JF2	40A	EMS/SCR/fuel pump
JF3	30A	Starter
JF4	30A	IEC (driver compartment fuse box) power 1

Code	Specification	Function
JF5	30A/40A	ACC relay
JF6	30A	IEC (driver compartment fuse box) power 3
JF7	30A	Cooling fan
JF8	40A	ABS pump
JF9	40A	Front blower
JF10	60A	GCU (glow-plug control unit)
JF11	60A	Power window
JF12	30A	IEC (driver compartment fuse box) power 9
MD1	100A	Cooling fan 600W/850W
PR1	/	Reserved
PR2	/	Reserved
R1	/	SCR (urea system) main relay
R2	/	Fuel pump relay
R3	/	Cooling fan relay
R4	/	Starter relay
R5	/	Fuel filter heater relay
R6	/	Wiper power supply relay
R7	/	Wiper speed adjustment relay
R8	/	Main relay
R9	/	A/C compressor relay

Code	Specification	Function
R10	/	Rear fog lamp relay
R11	/	Front position lamp relay
R12	/	Reserved
R13	/	Reserved
R14	/	Low beam relay
R15	/	High beam relay
R16	/	Left daytime running lamp relay
R17	/	Right daytime running lamp relay

Battery fuse box

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



Specifications

Fuse	Specification	Function
1	175A	UEC2 (front compartment fuse box 2)
2	175A	UEC (front compartment fuse box)
3	110A	EPS (electric power steering unit)
4	175A	ALT (generator)

Fuse replacement

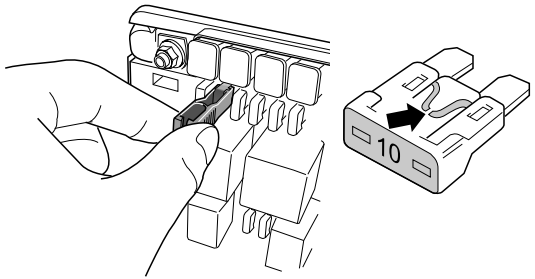
Only replace with fuses of the same specifications/rated current. Installing nonspecific fuse will damage electrical system and even cause fire.

Before attempting to replace the fuse, ignition switch and all electrical devices shall be turned off. Any unauthorized change to vehicle electrical system will cause serious adverse effect and fire on the electronic management system.

Pull the fuse outward with puller provided in fuse box to remove the fuse.

Internal wiring of the fuse can be used to identify blown fuse (arrowed).

Note: Repeated failure with the same fuse is the indication of circuit failure. Please contact Our Service Dealer as soon as possible.



Caution
Unauthorized change to electrical system of the vehicle will invalidate the warranty.

Bulb replacement

Before replacing any bulb, turn off the ignition switch and the lamp switch, to avoid any possible short circuit.

When removing or installing the bulb, do not touch the bulb with hands. If touched, wipe away the hand print with a piece of cloth or alcohol.

Caution
The type and specification of replaced bulb must be the same as that of the original bulb. For the lamp with the bulb of LED type, its bulb cannot be removed or replaced separately.

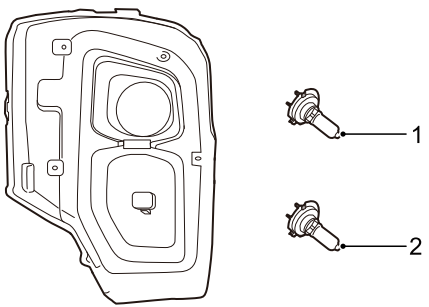
Bulb specification

Lamp	Specification
Low beam (Type 1)	H7
High beam (Type 1)	H7
Front turning signal lamp (Type 1)	LED
Front position lamp (Type 1)	LED
Low/High beam (Type 2)	HIR2
Front turning signal lamp (Type 2)	PY21W
Front fog lamp (Type 2)	LED
Front position lamp (Type 2)	LED
Low beam (Type 3)	LED
High beam (Type 3)	LED
Front turning signal lamp (Type 3)	LED
Front position lamp (Type 3)	LED
Rear turning signal lamp	PY21W
Brake lamp/rear position lamp (Type 1)	P21/5W
Brake lamp/rear position lamp (Type 2)	LED
Reverse lamp	W16W
Rear fog lamp (Type 1)	P21W
Rear fog lamp (Type 2)	LED
License plate lamp	W5W
Front ceiling reading lamp	W5W
Rear ceiling reading lamp	C5W

Bulb replacement

The followings are the methods for removing the bulb; for other unlisted bulbs that need to be replaced, please contact Our Service Dealer for repair. The bulb installation is the reverse of removal, which will not be described below.

Front combination lamp (Type 1)



1 Low beam

Open the bonnet, and perform the following operations at the rear of front combination lamp:

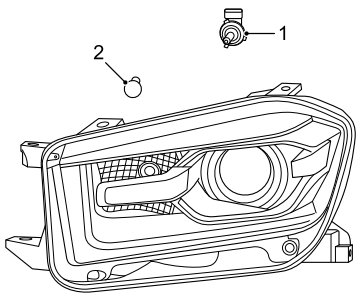
- Turn the bulb cover counterclockwise, to remove it.
- Remove the bulb.

2 High beam

Open the bonnet, and perform the following operations at the rear of front combination lamp:

- Turn the bulb cover counterclockwise, to remove it.
- Remove the bulb.

Type 2



1 Low/High bBeam

Open the engine hood, then you can find it at the rear of front combination lamp:

- Rotate the bulb cover counterclockwise to remove it.
- Remove the low/high beam bulb.

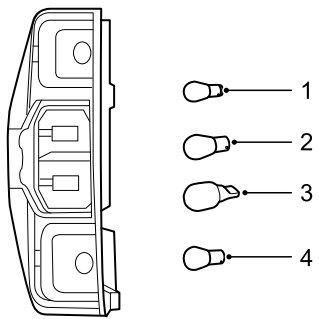
2 Front turning signal lamp

Open the engine hood, then you can find it at the rear of front combination lamp:

- Rotate the bulb cover counterclockwise to remove it.
- Remove the bulb of turning signal lamp.

Note: The light beam of low/high beam for front combination lamp (type 2) is yellow.

Rear combination lamp (Type 1)



1 Brake lamp/rear position lamp

Open the tailgate, and perform the following operations to remove the rear combination lamp:

- Turn the bulb cover counterclockwise, to remove it.
- Remove the bulb.

2 Rear turning signal lamp

Open the tailgate, and perform the following operations to remove the rear combination lamp:

- Turn the bulb cover counterclockwise, to remove it.
- Remove the bulb.

3 Reverse lamp

Open the tailgate, and perform the following operations to remove the rear combination lamp:

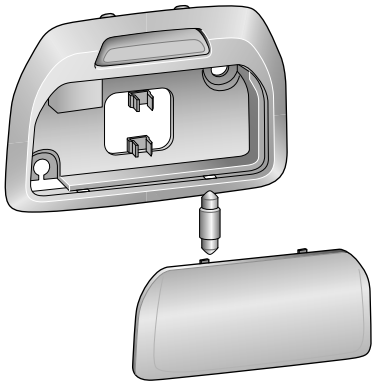
- Turn the bulb cover counterclockwise, to remove it.
- Remove the bulb.

4 Rear fog lamp

Open the tailgate, and perform the following operations to remove the rear combination lamp:

- Turn the bulb cover counterclockwise, to remove it.
- Remove the bulb.

Rear roof vanity light



Carefully pry up the lamp shade with a screwdriver or equivalent.

Remove the bulb of rear roof vanity light.

Maintenance and Service

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Safety

During vehicle inspection or maintenance, take care to reduce risks of personal injury or vehicle damage, and always observe the following safety precautions.

Turn off the ignition switch and carry the key with you, unless otherwise specified in special procedures.

When the engine is running, be sure to keep hands, tools and clothes away from the drive belt and belt pulley.

The radiator fan may start at any time (even when the engine is not running). Always ensure your hands, loose clothing (such as ties, scarves, etc.) stay away from fan blades.

After the engine is started/running, many components under the engine hood will be hot, such as the engine, exhaust system, cooling system and power steering fluid reservoir. Do not touch until it is cooled down.

Do not touch wires or components with the ignition switch in "ON" position. Keep in mind that the batteries and wires carry with high current or voltage possibly causing personal injury. Avoid short circuit.

Do not start the engine in an unventilated place as poisonous gases exhausted is very dangerous.

If possible, operate in the engine compartment after engine shutdown and battery disconnection (see "Jump start" in Emergency Troubleshooting section). If components under the engine hood shall be inspected when the engine is running, make sure the vehicle is on a level ground, the parking brake has been applied and the shift lever is in N or P position. Keep match and open fire away from the battery area and all fuel related components. Do not smoke near these areas and components.

Most fluid used for motor vehicles are toxic. Do not drink or contact with skin or eye. These fluids include battery acid, coolant, brake fluid, power steering fluid, fuel, detergent, lubricating oil, refrigerant, etc. Please wear protective gloves to refill these fluids. And observe all instructions on labels and containers. When operating on or under the vehicle, wear protective glasses if it is possible to touch splashed or fallen articles and sprayed fluid.

Long-term contact with engine oil may cause skin diseases, including dermatitis and skin cancer. Rinse it thoroughly after contact.

Be sure to keep children and pets away from the vehicle. Nobody is allowed to stay in the vehicle (except those work in the vehicle according to your instruction). Be sure to keep children away from oil, fluid and lubricating grease.

Regular maintenance

Regular maintenance is the key to economy, safety and reliability for your vehicle and it must be remembered that the responsibility for maintaining your vehicle in a safe, roadworthy condition rests ultimately on you, the owner/operator.

Necessary maintenance and the intervals have been specified to maintain your vehicle properly. Regular vehicle maintenance shall be done by Our Service Dealer in accordance with Warranty & Service Handbook.

It is in your best interest to have your vehicle regularly maintained in accordance with regulations.

Our Service Dealers are recommended as they have qualified personnel, required facilities and can offer the unique pre-planned service which will give maximum vehicle reliability.

Owner's check

The following are a few simple but important checks which you should make at regular intervals before driving to ensure reliable and economic operation:

Daily checks

- The lighting (make sure all lens are clean), horn, instrument cluster, warning lights and indicators, wipers and washers are functioning.
- The seat belts are intact.
- The brakes operates normally.
- Visually check if there is water, oil, fuel, exhaust fume and other leakage under the vehicle.

Weekly checks or check before a long journey

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

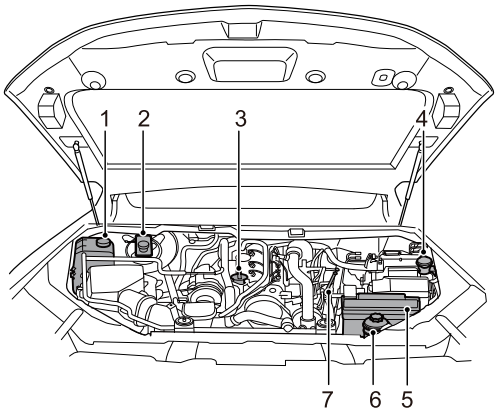
Harsh conditions

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

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

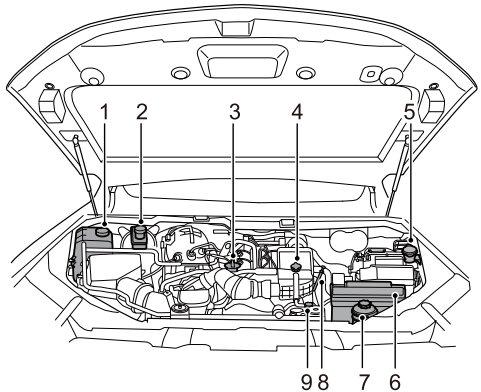
Engine compartment

Type 1



1 Engine coolant reservoir
2 Brake fluid reservoir
3 Oil filler cap
4 Washer fluid reservoir
5 Battery
6 Power steering fluid reservoir (It applies to vehicles equipped with hydraulic power steering unit)
7 Oil dipstick

Type 2



1 Engine coolant reservoir
2 Brake fluid reservoir
3 Oil filler cap
4 Water-air intercooler pressure cap
5 Washer fluid reservoir
6 Battery
7 Power steering fluid reservoir (It applies to vehicles equipped with hydraulic power steering unit)
8 Oil dipstick
9 Water-air intercooler coolant reservoir cap

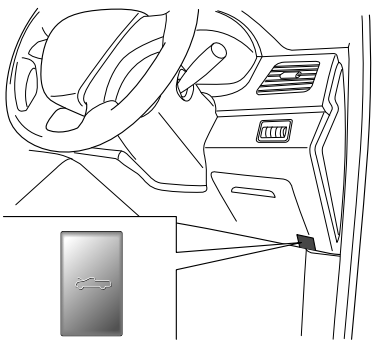
Engine hood

Open engine hood

Pneumatic rod

Note: It applies to the vehicles equipped with pneumatic rod.

1 Pull the engine hood release switch below the driver side lower guard to release the engine hood.

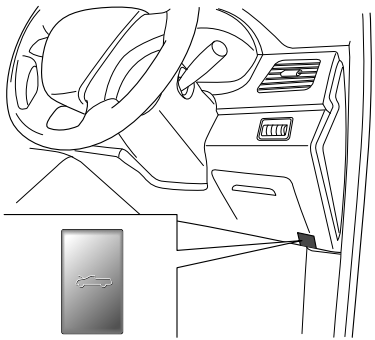


2 Slightly raise the front part of engine hood, push the lever to right and lift the engine hood.

Support rod

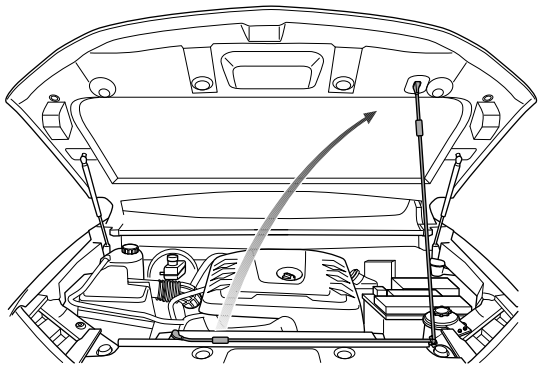
Note: It applies to the vehicles equipped with support rod.

1 Pull the engine hood release switch below the driver side lower guard to release the engine hood.



2 Slightly raise the front part of engine hood, push the lever to right and lift the engine hood.

3 Take the support rod and insert its end into the mounting slot in the engine hood.



Close engine hood

When the ignition switch is in "ON" position, the radiator fan may start at any time (even if the engine is not running). Always ensure your hands, loose clothing (such as ties, scarves, etc.) stay away from fan blades.

If the engine is running, keep your hands, clothing, etc. away from the rotating pulley, drive belt, fan blades and other devices.

Pneumatic rod

Press the front part of the engine hood down until the lock catch is heard to engage. Attempt to pull the engine hood upwards to check whether the lock mechanism is properly snapped.

Support rod

When closing, please support the front part of the engine hood, release and re-grip the support rod, and allow the engine hood to drop at an appropriate height (the front end of engine hood is 30 to 50 cm in height from the grille) until you hear the sound which indicates the latch is snapped. Attempt to pull the engine hood upwards to check whether the lock mechanism is properly snapped.

Caution
Before closing, check that there is no tools, rags, equipment, etc. left in the area under the engine hood.

Engine oil

It is recommended to use oil of correct grade, see "Recommended fluids" in General Technical Parameters section for specifications.

Our Service Dealer are ready to provide you with the latest updates and improvements on recommended oils. If the temperature in your area is extremely low (-30℃ or less), it is recommended to use a special oil suitable for winter for your engine, please consult Our Service Dealer for details.

Caution
Don't use the engine oil not conforming to the specified grade requirements Improper use of oil may cause damage to the engine, thus the warranty will become invalid.

Check and refill

Do not exceed the 'MAX' mark when refilling.

Long-term frequent exposure to used engine oil can cause severe skin disease. Please avoid excessive skin contact with engine oil, in case of contact, rinse your skin thoroughly.

Keep the engine oil out of the reach of children and pets.

Park the vehicle on a flat ground, idle the engine for 1 ~ 2 minutes, then turn off the ignition switch and wait for about 10 minutes to check the oil level.

Pull out the oil dipstick and wipe the blade with a paper or lint-free cloth. Completely insert the oil dipstick back and then pull out.

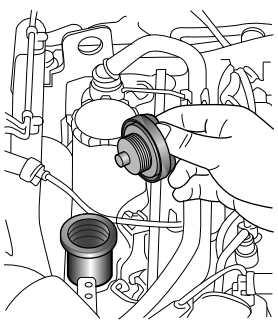
The oil level indication must be between "MAX" and "MIN" marks.



Caution
Check the engine oil level frequently, and refill as necessary. Both excessive and insufficient refilling of engine oil is likely to damage the engine, and the damage are not covered by warranty.

If you need to refill, please unscrew the oil filler cap, then add new oil of correct specification in several times and in small quantities. Repeat the oil level check process after the oil drops into the tank. Refill as necessary until the oil level is correct.

Empty containers and used oil can not be discarded randomly, so as to avoid environment pollution.



Engine oil consumption

The engine oil consumption is affected by a variety of factors (these factors also affect fuel consumption), of which the oil type and driving pattern (especially in the "running-in" period) are the two most important factors. Generally, the engine oil consumption is higher in the "running-in" period and in continuous high-speed operation. You must follow the suggestions on driving tips in this Handbook. See "Driving" in Starting and Driving section.

Coolant

Coolant is harmful if swallowed. Do not allow coolant to contact the eyes or skin. If it does, rinse immediately with plenty of water.

The coolant of correct specification can not only protect the engine from frozen damage, but also offer corrosion protection throughout the year. If coolant of correct specification is not added, do not drive the vehicle. For 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 refilling or replacing coolant, only the specified coolant can be used. The use of non-recommended coolant could cause damage to the cooling system and may invalidate the warranty.

Check 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 engine 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.

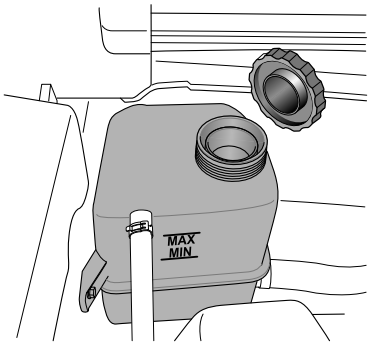
Be sure to check the coolant level when the vehicle is parked on a flat ground and the engine is not running (in cold state).

The 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 coolant between "MAX" and "MIN" marks. Install the reservoir cap.

Note: The coolant may expand when it becomes hot, so the liquid level may be higher than the level mark.

Note: Excessive refill may cause the coolant overflow when the engine temperature rises, which undermines the cooling effect. Simply refill the fluid to the indicated level when the engine is cool.



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 a significant drop in the level of the brake fluid, contact Our Service Dealer for service as soon as possible.

Use only new brake fluid of the specified type. Use of brake fluid which is old or not the specified type can cause loss of braking performance.

Brake fluid cleanliness is essential. Any dirt entering the system can cause loss of braking performance.

Do not allow brake fluid to contact your skin or eyes; If it does, rinse immediately with plenty of water. Keep brake fluid out of the reach of children.

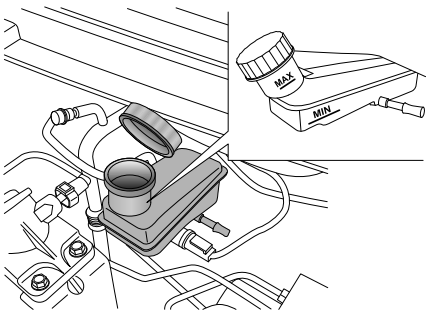
Do not allow brake fluid flowing onto the engine, otherwise it may be ignited when the engine becomes hot, causing a fire and damage to the engine.

Note: Fluid used in the hydraulic clutch also comes from the brake fluid reservoir.

Caution
• Only refill the brake master cylinder with brake fluid complying with specification DOT4. Do not use brake fluid of any other type. • Brake fluid will damage the paintwork when coming in contact with it. Wipe it clean immediately and rinse with water.

Check and refill

Be sure to check the brake fluid level after the vehicle is parked on a flat ground and the brake system is in cold state. Brake fluid level is visible on the reservoir and the normal level shall be between "MAX" and "MIN" marks. If the level drops to "MIN" mark, clean the area around the filler cap and then turn the reservoir cap counterclockwise to remove it. Refill with specified new brake fluid to the level between "MAX" and "MIN" marks and replace the reservoir cap.



If the level is lower than the "MIN" mark, "brake system warning light (red)" on the message center display will illuminate. This indicates a fault in the braking system, the cause must be identified immediately. If driving, IMMEDIATELY bring the vehicle carefully to a halt. Contact Our Service Dealer for service as soon as possible. Do NOT continue driving.

Never discard used brake fluid casually to avoid the environment pollution.

Power steering fluid

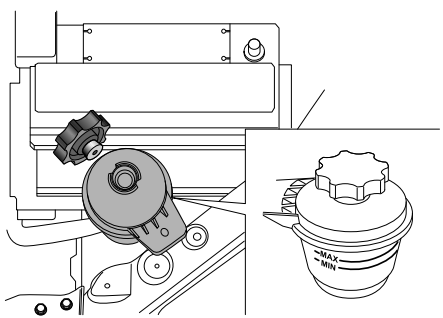
Note: It applies to vehicles equipped with hydraulic power steering system.

Caution
Always use fluid conforming to ATF-DEXRON III specification.

Check and refill

If there is a significant drop in the fluid level, contact Our Service Dealer for inspection as soon as possible.

Always park the vehicle on a flat ground, before the engine is started, check the power steering fluid level when the system is in cold state and the front wheel is directed straight ahead. Power steering fluid level is visible on the reservoir and the normal level shall be between "MAX" and "MIN" marks. If the level drops to "MIN" mark, clean the area around the filler cap and then turn counterclockwise to remove it before charging new and specified fluid between "MAX" and "MIN" marks. Install the reservoir cap.



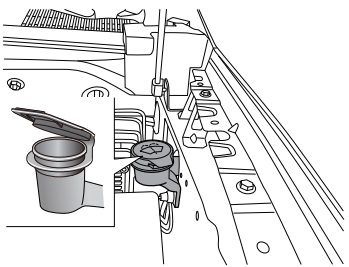
Caution
• Do not overfill. • Do not allow dirt to enter the power steering fluid reservoir. • Operating the vehicle with insufficient fluid in the reservoir could cause damage to the power steering unit.

Washer fluid

Check and refill

Driving with a non-operational washer system can be dangerous; always check it before driving.

The windshield washer fluid reservoir is located in the engine compartment. To refill, lift the front of the filler cap to refill washer fluid and then replace it. For washer fluid specifications, 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.

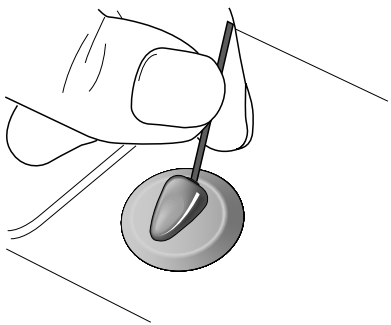
Washer nozzle

Adjustment and cleaning

Front washing nozzle

Prior to carrying out jet adjustment or cleaning, ensure that the washer reservoir is topped-up. Clean the nozzle with a thin thread or needle carefully if the nozzle is clogged.

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.

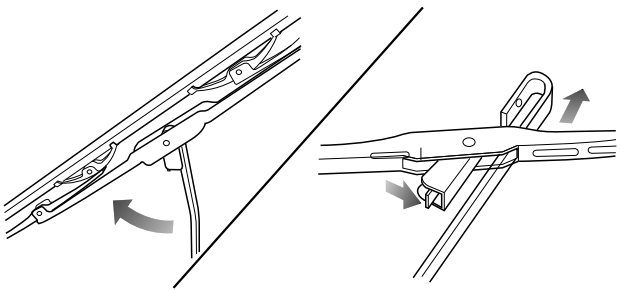


Wiper blades

Check

Examine the edge of the blade for roughness or damage, and check that the blade rubber is secure throughout its length.

Note: Traces of grease and other impurities on the rubber can prevent the wipers from working correctly, and can also damage the windshield.



Replacement

Removal

- Lift the wiper arm from the windshield, then make the blade and arm maintain at a right angle.

- Push down the retaining 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 bracket 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 high-quality cleaner or neutral detergent and wipe it clean with a dry, soft cloth that is free of lint.

Seat belts

Check

The belts also have a sensitive retractor which is designed to lock only during heavy acceleration, deceleration or sharp turns.

Do NOT 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 safety.
- Insert the locking tab into the buckle and check for a clear locking action. Push the red button and check if the locking tab pops neatly.
- With the belt half unreeled, hold the locking tab and give it a sharp pull. Check if the safety mechanism can be locked automatically and prevent further looseness.

Maintenance and service

Do not attempt to repair the retractor or buckle mechanisms, or to modify the seat belts in any way. Seat belts subjected to strain as a result of an accident shall be replaced and the anchorage points checked by Our Service Dealer.

Regularly inspect the belt webbing for signs of abrasion or wear, paying particular attention to the anchorage points and adjusters.

Clean the seat belt with a sponge dipped with warm water and mild soap; it can be naturally dried, and should not be dried by direct heating or exposure under sunlight. Do not allow water to penetrate into the retractor. Never bleach or dye a seat belt as its strength may be reduced.

Battery

Warnings and instructions for battery:

Wear goggles!

The battery acid is strongly corrosive. Ensure to wear protective gloves and goggles!

Open fires, electric sparks, strong lights and smoking are strictly prohibited!

Explosive gas mixture may be generated during battery recharging!

Ensure to keep any child away from the acid and the battery!

**There may be risks of injury, corrosion, accident and fire during operations on the battery and any electrical appliance in the vehicle!**

Ensure to wear goggles. Do not allow acid or leaded particles to get into your eyes or onto your skin or clothes.

The acid in the battery is highly corrosive. Ensure to wear protective gloves and goggles. The battery cannot be turned over, or acid may flow out of the vent. If acid gets into your eyes, immediately rinse with clean water for a few minutes, then see a doctor immediately. If acid splashes onto your skin or clothes, immediately neutralize it with thick soap solution, and then rinse with plenty of water. If you drink acid by mistake, see a doctor immediately.

Open fires, electric sparks, strong lights and smoking are prohibited. When working on cables and electrical appliances and removing electrostatic loads, avoid the generation of electrical sparks. The electrodes of battery can NEVER be short-circuited, or it may cause personal injury due to large energy sparks.

Explosive gas mixture may be generated during battery recharging. The gas vent of battery should be kept unblocked to discharge the gas correctly. During recharging, the battery should be located in a space with good ventilation.

Ensure to keep any child away from the acid and the battery.

Turn off the engine, ignition switch and all electrical appliances before working on electrical appliances. Remove the negative cable of battery. When replacing bulbs, only the lights are required to be turned off.

Pay attention to the polarities of power supply. Before powering on, the matches of polarities must be checked.

The duration of each powering on should not be less than 5 seconds. Try to avoid powering on and off too frequently.

When removing the battery, please remove the negative cable before positive cable.

Before powering on the battery again, all electric appliances should be turned off. First connect the positive cable, then the negative one. Never connect the cables incorrectly - risk of fire!

Unauthorized removal and installation of battery is strictly prohibited since such operation may cause severe damage to the battery and fuse box in some cases. Please contact Our Service Dealer.

Do not disconnect the battery when the ignition switch is on or the engine is running, otherwise it may damage the electrical appliances (electrical components).

To prevent the battery housing from exposing to ultraviolet ray, do not expose the battery under the sunshine.

Duration of storing the vehicle

If the vehicle is to be parked for an extended period of time, the static current electrical appliance (like clock, security devices) will drain the battery, and the battery has to be charged. To avoid such case, charge the battery or disconnect the battery negative cable during the vehicle parking.

Note: Please pay attention to the warnings & instructions for battery before working on it.

Caution
Ensure to turn off the ignition switch during storing, otherwise the storing duration can be reduced significantly.

Operating in winter

There are particularly strict requirements on the vehicle battery operation in winter. In addition, the starting power provided by the battery at low temperature is only a part of that at normal temperature. Therefore, we recommend to have the vehicle battery checked by Our Service Dealer before the cold season begins, and recharge it if necessary.

If the vehicle is not used for weeks in cold season, please remove the vehicle battery and store in an ice-free room, to prevent it from freezing and damage.

Charging the battery with ground equipment

Do not charge any frozen battery, there is a risk of explosion! Even if the battery has been unfrozen, there may be battery acid spilling out and cause corrosion. Any frozen battery must be replaced.

Turn off the ignition switch and all electrical appliances before charging.

If the vehicle has been parked for a long period and cannot be started due to lack of power (general terminal voltage≤12V), the battery must be removed from the vehicle and charged with a ground equipment (follow the instructions provided by the manufacturer of the charging equipment).

During charging with small current (e.g., a small charging equipment), it is unnecessary to remove the connecting cables of battery. However, please ensure to read the instructions from the manufacturer of the charging equipment.

Before fast charging (i.e., large current charging), both of the connecting cables must be removed.

Note: Please pay attention to the warnings & instructions for battery before working on it. During the charging, the charging equipment can only be powered on after the electrode clamps of charging equipment is connected to the electrodes of battery as required. After the charging is finished, turn off the charging equipment first, remove

the power cable, and then remove the electrode clamps of charging equipment from the battery.

Caution
• Keep any child away from the battery, battery acid and charging equipment. • The battery can only be charged in a space with good ventilation. Smoking is prohibited, and keep away from open fires and electric sparks, as explosive gas mixture may be generated when the battery is charged. • Protect your eyes and face, never be too close to the battery. • If acid splashes onto your eyes or skin, immediately rinse with clean water for several minutes before seeing the doctor. • The fast charging of the battery is dangerous, which should be done by Our Service Dealer, because it requires professional charging equipment and knowledge. • Any frozen or unfrozen battery must be replaced. Because cracks may be found on the frozen battery housing. It may cause leak of battery acid and damage to the vehicle.

Removing the battery

Turn off the ignition switch and all electrical appliances before the battery removal.

To remove the battery, firstly remove the negative cable and then the positive cable. And then remove the bolt on the mounting bracket of battery to remove the battery.

Replacing the battery

The battery installed on your vehicle is designed for the corresponding mounting location. To replace the battery, please ensure to use one with the same voltage (12V), structure and safety label. The current strength and capacity should be same with the original battery. Our Service Dealer can offer you with genuine batteries.

When replacing the battery, please ensure that the ignition switch is turned off and all electric appliances are turned off.



Concerning the disposal of used battery, it is suggested to have the battery replaced by Our Service Dealer. Additionally, the battery can never be treated as household garbage because it contains sulfuric acid and lead.

Installing the battery

Before installing the battery, please turn off the ignition switch and all electrical appliances. Put the battery in the installation position prepared for it, and fix it with the battery bracket. When connecting the battery, please fix the positive cable before the negative cable.

Caution
To prevent the battery from discharging, please turn off the ignition switch when you leave the vehicle.

Tires

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

Frequently inspect the tires and sidewalls for any sign of distortion (bulges), cuts or wear. Gravels and other sharp objects should be removed with a suitable blunt tool. If neglected, they may work through the tire.

Tire pressure

Driving with incorrectly inflated tires can affect vehicle stability, increase rolling resistance, and cause rapid tire wear and possible permanent damage to the cords of the tire casing.

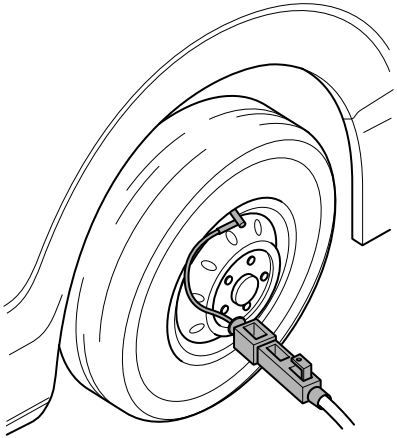
Remember tire wear and inflation pressure regulations. It is the driver's responsibility to ensure that the tires meet these requirements.

Check the tire pressures weekly, including the spare tire, and if necessary, adjust the tire pressure in accordance with pressure requirements on the tire pressure sign on the B pillar. This Handbook introduces the correct tire pressure in cold condition, see "Wheels and tires" in General Technical Parameters section.

The spare tire should be maintained at the highest recommended pressure and adjusted before use. Pressure should be checked with an accurate Tire Pressure Gauge when the tire is cold instead of decreasing the value under warm condition as the pressure will be higher than normal pressure due to temperature. Be sure to install the valve caps to prevent dirt entry into the valve mechanism.

A natural pressure loss will occur with time; any unusual pressure loss should be investigated and rectified.

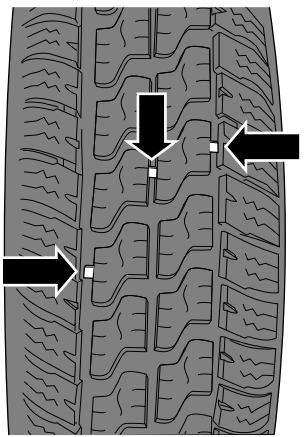
Note: Specified pressure applies to a cold tire, while the pressure of hot tire should be higher.



Wear indicator

There are wear indicators in the tread of all original tires. When the tire has worn down until 1.6 mm of the tread is remaining the wear indicators will appear across the full width of the tread pattern.

A tire should be replaced immediately where any part of the wear indicator becomes visible. However it is in your interest to note that tire safety and performance tends to reduce before the legal limit is reached. For example, severely worn tires will increase the risk of slipping.



Other maintenance

Vehicle wash

When driving for the first time after washing the vehicle, gently depress the brake pedal several times to remove moisture from the brake discs.

Carefully wash the tires. Never use a high pressure nozzle as it may damage tires. If any damage is found, replace the tire.

Water flushing is prohibited in the front part of the interior (near the dashboard area) to avoid unnecessary damage to related parts.

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 polishing wax to protect the paintwork from time to time.
- When using high pressure cleaning equipments, the water jet shall be kept moving. Do not directly wash the engine, radiator, door gap, seals, electrical components or components connected to it.

Note: Please timely remove the substances on the surface of the paint which seem harmless but in fact corrosive, such as bird droppings, resin, insect wreckage, tar spots, road salt and industrial dust. Otherwise permanent staining or damage will be produced.

Caution
It is prohibited to open the engine hood and directly rinse the engine compartment, as this may cause short circuits of electrical components in the engine compartment. Don't use steam to clean the underbody, wheelhouse or transmission portion, as this will damage the protective wax layer.

Engine carbon deposit cleaning

In view of the quality of domestic fuel products, it is recommended to use the fuel system carbon deposit cleaner certified by SAIC Motor every 5,000 km to 10,000 km regularly. Please consult Our Service Dealer for details.

Anti-corrosion of underbody

The underbody of your vehicle has been treated with anti-corrosion. Check underbody anti-corrosion regularly.

Use a water jet to remove accumulations of caked mud or debris on underbody. Especially in winter, when salt is used on icy and snowy roads.

Seat and trim

Often use vacuum sweeper or soft brush to clean dirt and dust accumulated on fibers. Often use clean cloth to wipe the trim. Use special cleaner to remove general trim dust, staining or spots. Use special cleaner to clean leather parts.

Door seals

To prevent rubber door seals from freezing in a cold weather, a rubber maintenance product or a silicone spray shall be used for its protection.

Window glass

Often use glass cleaner to clean window glass.

The headlight lenses are clear plastic. Use high-quality cleaner or neutral detergent rather than abrasives or chemical solvents to wash.

General Technical Parameters

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Major vehicle dimension parameters

Product Model	SK8C-B100	SK8C-B300	SK8C-B130	SK8C-B330	SK8C-B140	SK8C-B150	SK8C-B840	SK8C-B850
Driving type	4X2, Front-engine Rear-drive chassis		4X4, Front-engine 4WD chassis					
Length of outline dimension, mm	5365		5680		5365	5680	5365	5680
Width of outline dimension, mm	1900 1960(with wheel brow)							
Height of outline dimension, mm	1809 1845(with luggage rack)							
Length of cargo bar board, mm	1485		1800		1485	1800	1485	1800
Width of cargo bar board, mm	1510							
Height of cargo bar board, mm	530							
Wheel base, mm	3155		3470		3155	3470	3155	3470
Front/Rear suspension, mm	942/1268							
Front/Rear wheel track, mm	1580/1580							
Minimum turning circle diameter, m	12.6		13.7		12.6	13.7	12.6	13.7

Vehicle weight parameters

Product Model	SK8C-B100	SK8C-B300	SK8C-B130	SK8C-B330	SK8C-B140	SK8C-B150	SK8C-B840	SK8C-B850
Total Mass, kg	3000	3000	3050	3050	2900 3050	2900	2900 3050	2900
Curb weight, kg	1890	1920	2095	2095	2150 2115	2180	2150 2125	2170
Axle load (Front/rear axle load under curb weight), kg	1080/810	1090/830	1242/853	1242/853	1258/892 1237/878	1293/887	1258/892 1243/882	1287/883
Number of Seats	5	5	5	5	5	5	5	5

Vehicle performance parameters

Engine type	SC20M163Q5A	SC20M218Q5A
Fuel consumption under comprehensive working conditions, L/100	8.5	9.2 (MT) 9.3 (AT)
Maximum design speed, km/h	170	170
Maximum gradeability, %	40% (2WD) 54% (4WD)	40% (2WD) 54% (4WD)
Emission level at delivery	Euro V	Euro V

Main engine parameters

Engine type	SC20M163Q5A	SC20M218Q5A
Type	Common rail direct injection (CRDI) diesel engine with turbocharger and intercooler	Common rail direct injection (CRDI) diesel engine with turbocharger and intercooler
Displacement, L	1.996	1.996
Number of cylinder	4	4
Bore*Stroke, mm*mm	83*92	83*92
Volume compression ratio	15.9:1	15.9:1
Maximum net power, KW	118.5	160
Engine speed at rated power, rev/min	4000	4000
Max. torque, Nm	375	500
Engine speed at maximum torque, rev/min	1500 ~ 2400	1500 ~ 2400
Idle speed, rev/min	750±25	750±25
Fuel type and grade	Diesel, conform to Euro V or above standard	Diesel, conform to Euro V or above standard
Fuel tank capacity, L	73	73

Chassis technical parameters

Item	Parameters
Front suspension	Double wishbone independent suspension
Rear Suspension Structure	Vertical type spring non-independent suspension
Form specifications of steel plate spring	Five leaf spring
Requirements for steel wheel dynamic balance	Both sides of the remaining dynamic imbalance is less than: 10 grams(main tire) / 15 grams(spare tire)
Dynamic Balance of Aluminum Wheels	Both sides of the remaining dynamic imbalance is less than: 8 grams
Rational range of brake pedal free stroke	within 10 mm
Rational use range of brake friction pair	Friction material thickness is greater than 2 mm

Recommended fluids

Item	Grade	Capacity
SC20M163Q5A Engine lubricating oil, L	SAE 5W-30 ACEA C3	4.7
SC20M218Q5A Engine lubricating oil, L	SAE 5W-30(PRO) ACEA C3	4.7
Engine coolant, L	D-35(-35℃)	13.5
SC20M218Q5A Engine Water-air intercooler(open system) coolant, L	D-35(-35℃)	3.6
SC20M218Q5A Engine Water-air intercooler(closed system) coolant, L	D-35(-35℃)	4.0
6th speed manual transmission oil, L	Fuchs MTF SAE 75W-85, Castrol BOT581, Shell MTF GJ, SK MTF 75W-85 201005	3.3(±0.1)
6th speed automatic transmission oil, L	petro-Canada Dexron VI	10.2
8th speed automatic transmission oil, L	Shell L12108	9.253
Brake fluid, L	Laike 901-4 DOT 4	0.8
Power steering fluid, L	ATF-DEXRON III	1.17
Washer fluid, L	General low freezing point detergent	3.8
Air conditioning refrigerant, g	R134a	580±30
Front axle lubricant, L	TEMPO GL-5 80W-90	0.9
Rear axle lubricant, L	TEMPO GL-5 80W-90	3
Transfer case lubricant (part-time 4WD system), L	ATF-DEXRON III	1.5
Transfer case lubricant (real-time 4WD system), L	MERCON LV	1.5

Wheel and tire

Item	Parameters	
Wheel Specification	17x7J	19x7 1/2J
Tire specification	245/65R17 111H	255/55R19 111V
Tire pressure of front wheel(cold condition)	250kPa/2.5bar/36psi	220kPa/2.2bar/32psi
Tire pressure of rear wheel(cold condition)	250kPa/2.5bar/36psi	270kPa/2.7bar/39psi
Spare wheel specification	245/65R17 107T	245/65R17 107T
Tire pressure of spare wheel(cold condition)	290kPa/2.9bar/42psi	290kPa/2.9bar/42psi

Wheel alignment parameters

Item		Parameters
Front wheels	Toe-in angle	0 ± 0.15° Total toe-in≤0.15°
	Camber angle	0 ± 0.5° Difference value between left and right ≤0.5°
	Kingpin caster	3.6 ± 0.5° Difference value between left and right ≤0.5°
Rear wheels	Toe-in angle	0°±0.25°
	Camber angle	0°±0.5°
	Thrust Angle	0°±0.25°