OWNER'S MANUAL

PROTON

INSPIRING CONNECTIONS

PROTON X90

INTELLIGENCE THAT EMPOWERS™

Foreword

Dear users:

Thank you for your trust in choosing Proton vehicle, which will provide you with excellent safety, comfort, power, and economy. We are looking forward to bringing fun to your work and life with our high quality products and services.

Please read and comply with the contents of this Manual before using your vehicle for the first time. It will help you to better understand and use your PROTON, ensuring that your new vehicle will be in good technical condition and always perform at its best in the future. The more you know about your vehicle, the more you will enjoy the safety and fun of driving it.

If you find any problems in driving, contact nearby authorised PROTON service outlet, which will provide high quality service for you in vehicle maintenance and repair. Make sure to maintain your vehicle according to the periodical service maintenance schedule as specified in this manual.

This manual provides the all information on all variants in this vehicle model. The configuration mentioned in the manual herein may differ from that of your vehicle. Therefore, the actual configuration of your vehicle shall prevail as far as the configuration is concerned. This manual is a part of the complete vehicle. Please make sure to keep this manual in the vehicle all the time. If you sell this vehicle, please make sure to hand over this manual to the new owner.

Perusahaan Otomobil Nasional Sdn Bhd (PROTON) reserves the right to make changes to the design and specifications and/or to make additions or improvements to the vehicle without any obligation to install the same on vehicles previously manufactured. The driver is required to strictly comply with all laws and regulations governing the use of this vehicle.

This Manual has been written in compliance with such laws and regulations currently in force. PROTON reserves the right to make such amendments and/or revisions to this Manual as and when required. This Manual is a copyright owned by PROTON. This Manual or any part thereof shall not be reproduced, stored in any retrieval system, or transmitted in any form or by any means without the prior written permission of PROTON.

All the data contained in the manual are the latest data at the time this manual is published. In the event of any conflict or discrepancy between the provisions of the English language version of this Manual and Manuals of any other language provided, the provisions of the English language manual shall prevail for the purpose of interpretation and applicability.

© 2026 Perusahaan Otomobil Nasional Sdn. Bhd. All Rights Reserved. March 2026

Note: The cover and pictures in this Manual are only for reference, which shall be subject to the actual vehicle.

This vehicle has comply to MCMC requirements.
The shown label is the certification mark approved for compliance to standards according to the Communications and Multimedia (Technical Standards) Regulations 2000.



All rights reserved. No part of this manual may be reproduced or copied without the written consent of Perusahaan Otomobil Nasional Sdn. Bhd. If you have any questions, kindly contact or visit our website as mentioned to locate the nearest dealer and other available services.

www.proton.com (1-800-888-398)

Scan the QR Code at the back cover of this Manual to access the Proton Official website and all of the manuals related to this vehicle.

About this Manual

Notes to Users

Manual Instructions

- All the information in this Manual are based on the product information at the time of publication. In order to meet the requirements of customers and laws and regulations, the vehicle configuration and performance will continue to be optimized and improved. Your vehicle may be different from the description in this Manual.
- The software version of the vehicle and settings may be updated later. Before the upgrade, you will be informed to obtain your consent. The information displayed after the upgrade may be different from the description in the user manual delivered with the purchased vehicle. The actual situation shall prevail in terms of specific information.
- The Multimedia Manual, an important part of this manual, is used to introduce the entertainment system of the vehicle. See the dedicated Multimedia Manual for detailed operations of the entertainment system.

Important Tips

- Please check the tyre for wear and tear, and for the tyre pressure as per recommended methods and tyre pressure specification in this manual.
- Always use the oil and fluid recommended in this manual and perform the periodical maintenance according to the requirements stipulated in the Warranty and Service Booklet.

Safety Precautions

- The vehicle is equipped with anti-lock brake system (ABS), therefore please press the brake pedal hard rather than make inching braking during emergency braking.
- This vehicle is equipped with airbags. For the safety of children, do not use the backward child restraint system on a seat with frontal airbag protection (activated).
- It is necessary to use and place the foot mat with appropriate size properly. The foot mat shall not affect the normal use of each pedal, so as to avoid affecting the action of the pedal due to the sliding of the foot mat, thus causing traffic accidents.
- Do not stop the vehicle for a long time without turning off the engine. Avoid breathing exhaust or pressing the accelerator pedal by mistake to keep the engine idling at high speed, which may cause the vehicle to catch fire and affect personal and property safety.

Accessories, Spare Parts and Modifications

- For your safety, arbitrarily removing or replacing vehicle parts and components are prohibited.
- Refitting or adding devices is not allowed. PROTON shall not bear any responsibility for the direct or indirect losses incurred from retrofitting or adding equipment.
- PROTON is responsible only for tested and certified original hardbound accessories and optional devices. PROTON original hardbound accessories are preferred in order to ensure the vehicle performance and safety as much as possible.

Prompt Message

This manual provides relevant information of all models. Due to the variety of configurations, the descriptions in this manual may differ from the actual one of your vehicle.

The vehicle you actually receive shall prevail.

Warning

Ignoring the warning may cause serious injury or death. The procedures described must be strictly followed. ◀

Caution

Issues mentioned here must be strictly observed, otherwise your vehicle might be damaged. ◀

Description

Indicative descriptions to facilitate your use of the vehicle information. ◀

Environmental Protection

Contents described are related to environmental protection. ◀

Asterisk

The asterisk “ * ” symbol following a title or name indicates that the configuration or function described is equipped on certain models only. This vehicle may not necessarily have it.

Graphics



Indicate the described object.



Indicate the motion direction of an object.



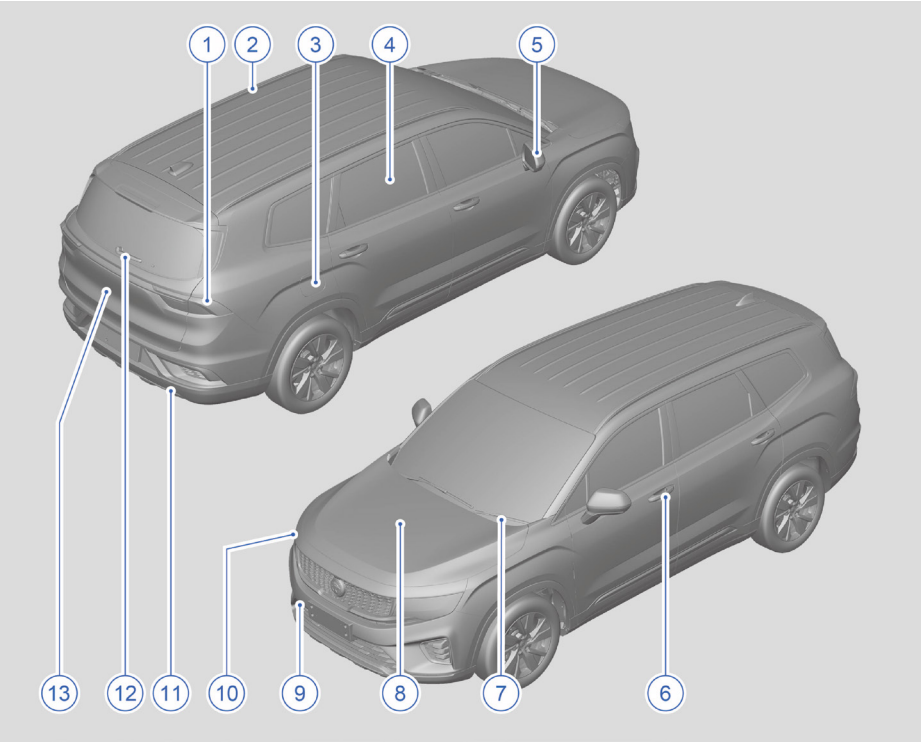
Indicate the rotation direction of an object.



Indicate that behavior is prohibited or occurrence should be prevented.

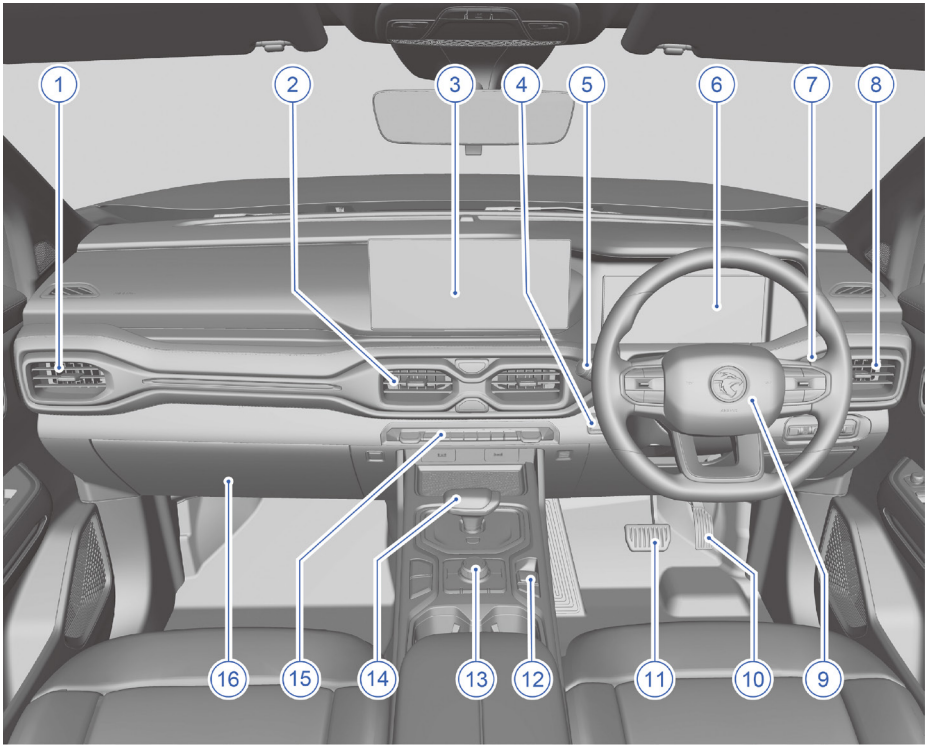
Vehicle Identification

Overview of Exterior



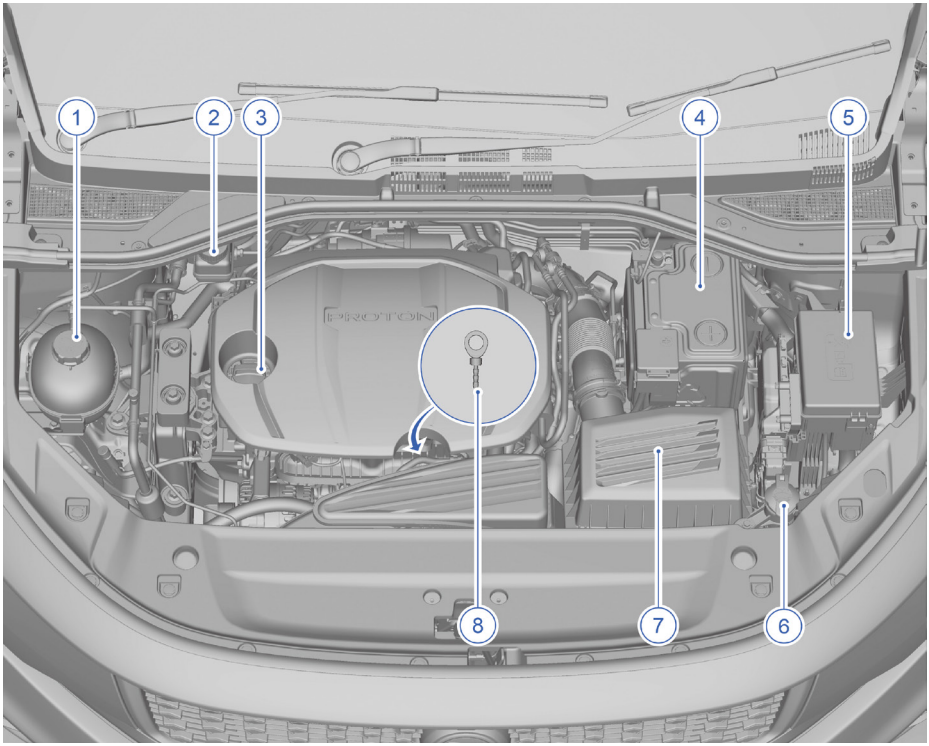
1. Rear combination lamps
2. Roof Rack
3. Fuel filler cap
4. Window
5. Exterior rearview mirror
6. Exterior door handle
7. Front Wipers
8. Front engine compartment hood
9. Front towing hook cover plate
10. Front combination lamp (Headlamp)
11. Rear towing hook cover plate
12. Rear wiper*
13. Tailgate

Overview of Interior



1. Left air vent (air outlet)
2. Centre air vent (air outlet)
3. Multimedia screen display
4. Ignition switch (push start button)
5. Light combination switch
6. Meter Instrument
7. Wiper control combination switch
8. Right air vent (air outlet)
9. Steering wheel
10. Accelerator pedal
11. Brake pedal
12. Electric parking brake (EPB)
13. Driving mode selection knob
14. Gear Shift Lever (Electronic gear selector)
15. A/C Control Panel on Instrument Panel (centre console)
16. Glove box

Overview of Engine Compartment



1. Coolant expansion tank
2. Brake fluid reservoir
3. Engine oil filler cap
4. Battery
5. Fuse box in engine compartment
6. Washer fluid reservoir
7. Engine air filter
8. Engine oil level gauge (engine oil dipstick)

THIS PAGE IS INTENTIONALLY LEFT BLANK

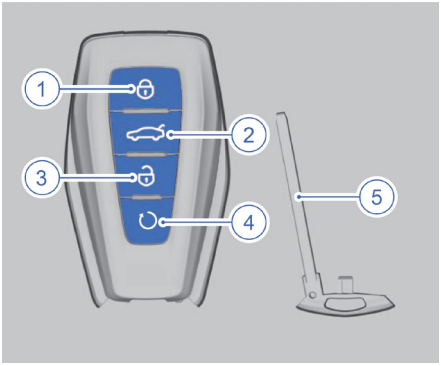
Key and Anti-theft

Intelligent Key

Introduction of Key Buttons

The intelligent key has been matched with the vehicle system. If the intelligent key is lost, damaged or stolen, contact an authorised PROTON service outlet immediately. The control functions such as starting, unlocking and locking will be canceled for the lost, damaged or stolen intelligent key. If the intelligent key is retrieved, PROTON service outlet can reactivate it.

The new intelligent key cannot be available immediately. PROTON service outlet needs a certain time to match the new intelligent key with the vehicle. ◀



1. Lock button
2. Tailgate unlock button
3. Unlock button
4. Remote start*/vehicle search button
5. Mechanical Key

- When the vehicle location cannot be confirmed or it is in the anti-theft condition, quickly press the remote start/vehicle search button on the intelligent key twice to activate the vehicle locating function. The turn signal flashes, and the horn beeps.
- If the intelligent key is in the effective range, short press the lock button. Then press and hold the remote start/vehicle search button within 2 seconds. The vehicle engine will be started (if equipped with this function).
- When the vehicle is in remote start mode and the intelligent key is within the effective operating range, press and hold the remote start/vehicle search button to turn off the engine. ◀

Please keep the spare intelligent key in a safe place and do not place it inside your vehicle. Electronic disturbance of built-in anti-theft chip will cause the intelligent key and the anti-theft system to work abnormally and hard to start the vehicle. ◀

Taking Out the Mechanical Key

Press and hold the release button at the back of the intelligent key and take out the mechanical key.

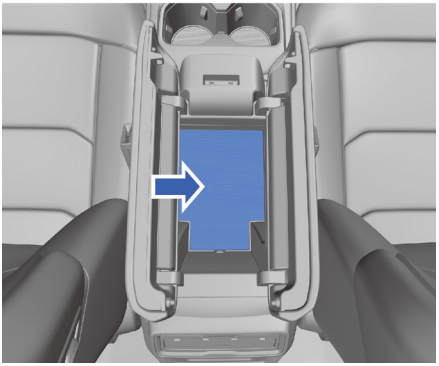


If the intelligent key is affected by interference from other electronic signals, the vehicle may not detect the key and certain functions such as starting, locking, or unlocking may not operate.

- If the intelligent key is covered or surrounded by metal, such as when stored with a mobile phone in a metal case, its signal may be blocked.
- Avoid placing the intelligent key near external devices or equipment that are plugged into a power outlet, as this may cause interference.
- Keep the intelligent key away from electronic devices that may generate strong interference, such as laptops, chargers, Bluetooth headsets, power converters, wireless access cards, walkie talkies, and similar equipment. ◀

- Do not change the transmission frequency or increase the transmission power without authorisation (include installing additional transmission frequency amplifier), and do not connect external detection antenna or use other transmission detection antenna without authorisation.
- If the anti-theft alarm is triggered when the door is opened with the mechanical key, the door must be unlocked again using the intelligent key to cancel the alarm. ◀

Engine Anti-theft System



The engine anti-theft system (immobiliser) does not need to be manually activated or released. When the ignition switch is pressed and a valid intelligent key is found in the vehicle, the engine anti-theft system will be automatically released.

If neither of the following two methods can start the engine, your vehicle may need repair. Contact an authorised PROTON service outlet for a new key.

- If the intelligent key does not appear to be damaged, try using another intelligent key.
- Place the intelligent key at the the front end of the centre console as shown in picture.

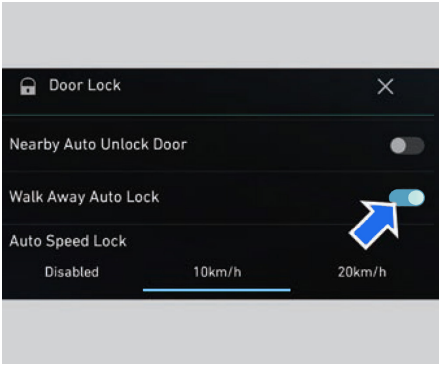
Do not leave the intelligent keys or any devices that can disable the anti-theft system in the vehicle. ◀

Vehicle Locking and Unlocking

Intelligent Entry System

Keyless Locking

Type 1



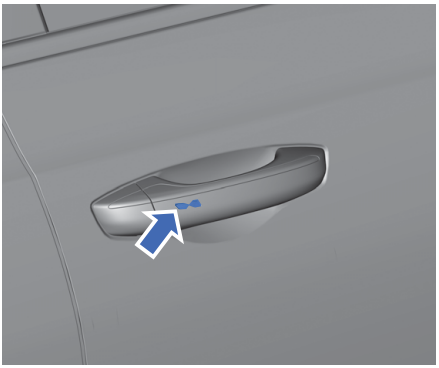
On the multimedia display screen, click the following in sequence:

Vehicle Settings → ***Vehicle*** → ***Door Lock.***

In this interface, you can activate or disable the ***Walk Away Auto Lock*** from the vehicle, close all doors, carry a legal intelligent key out of the vehicle search range, and the vehicle will be locked automatically without pressing the lock button on the intelligent key.

Type 2

When the ignition switch is off, and the four doors, tailgate, front compartment hood, and fuel filler cap are closed, put your hand on the lock sensor area of the driver side door handle, and then the whole vehicle can be locked.

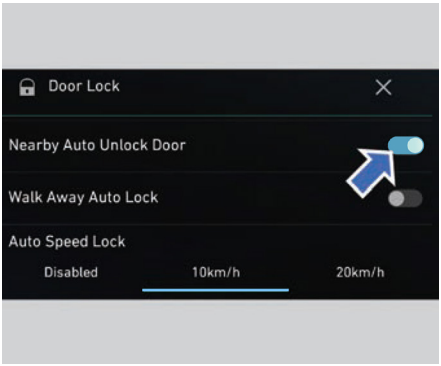


Locking sensor area

Upon successful locking, the turn signal flashes once, and the backlight lamp inside the vehicle gradually goes out.

Keyless Unlocking

Type 1



Click the following on the multimedia display screen in sequence:

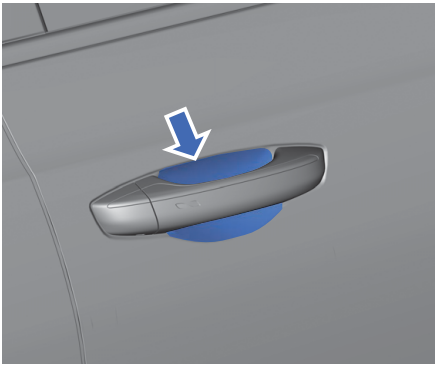
Vehicle Settings → ***Vehicle*** → ***Door Lock***

Then activate or disable the ***Nearby Auto Unlock Doo***r function in the interface.

Just bring the legal intelligent key into the vehicle search range, the vehicle will automatically unlock, and the door handle will pop up automatically.

Pull the door handle, and the door will open.

Type 2



Unlocking sensor area

Carry a valid intelligent key and within 1m of the driver side door, just put hand directly into the unlocking sensor area on the door handle, the four doors will be unlocked automatically; pull the door handle and the door will be opened. After the four doors are unlocked, the turn signals flash 3 times.

Keyless locking fails if:

- The intelligent key is not detected.
- Any door or the trunk is not fully closed.
- The ignition switch is not in the OFF position.
- The intelligent key is inside the vehicle.
- The vehicle battery or intelligent key battery is low.

When touching the locking sensor area on the driver's door to lock the vehicle, if you

When touching the locking sensor area on the driver's door to lock the vehicle, if you neither hear the locking sound nor see the turn signal flashes, this indicates that the locking failed, which may be caused by:

- When the vehicle is locked and the tailgate is opened and then closed, if the intelligent key which is used for locking is left inside the trunk compartment, the vehicle will not be locked to prevent the intelligent key from being accidentally locked in the vehicle.
- To prevent misoperation, when using the driver's side door handle to unlock the vehicle, you need to wait for 1~3 seconds before operating keyless locking. The keyless unlocking function becomes unavailable within a few seconds after locking.
- There is a blind spot in the intelligent key detection, do not put the intelligent key in remote locations such as on shelves or on tailgate. ◀

When the intelligent key battery is drained, the vehicle can be inductively locked by sticking the key to the outside of the driver's side door handle. ◀

- The intelligent key only works within a certain operating range. Please note that its operating range may be affected by physical and geographical factors, etc. For safety concern, confirm whether the operation succeeds when you remote lock the vehicle with the intelligent key.
- When the vehicle is in a charging station, large parking lot, substation, or other places with signal interference, or when the intelligent key is put together with the interference equipment, the intelligent key may be affected. As a result, abnormal functions such as unlocking or locking failures may occur occasionally. If this happens, wait for a few seconds (3s) before placing hand on the door handle unlocking or locking sensor area again. ◀

Remote Locking and Unlocking

Remote Locking

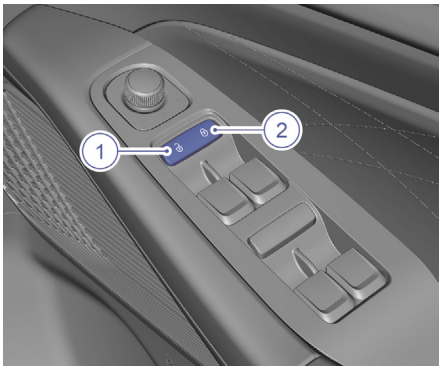
Press the lock button on the intelligent key to lock all doors. The turn signal will turn on for a few seconds, the interior lamps will turn off and the infotainment system will turn off. If any doors, engine hood or tailgate is not closed and you press the lock button on the intelligent key, the alarm sound will trigger to remind the user.

Remote Unlocking

Press the unlock button on the intelligent key to unlock all doors. The turn signal flashes several times. Press and hold the tailgate unlock button again to open the tailgate.

Do not let children entering the trunk compartment. Make sure the tailgate is closed when the vehicle is left unattended. If children get trapped in the luggage compartment, they may not get out and might get suffocated or heatstroke. ◀

Central Locking and Unlocking



1 - Unlock button

2 - Lock button

All doors will be locked if the lock button is pressed when all doors are closed. All doors will be unlocked if the unlock button is pressed when all doors are locked.

Unlocking with the central lock and unlock switches inside the vehicle can only be performed when the anti-theft system is disabled. In other anti-theft state, the unlocking operation will not cause any response. ◀

Automatic Locking and Unlocking

Automatic Re-locking

Approximately 30~45 seconds after pressing the unlock button on the intelligent key, if any doors and tailgate is not opened, all doors will be locked again automatically. The interior lamps will turn off and the anti-theft system will be armed again.

Automatic Locking during Driving

When the ignition switch is in ON position or the engine is started, once after the vehicle speed has reached higher than a specific speed for a certain period, all doors will be locked automatically.

Automatic unlocking

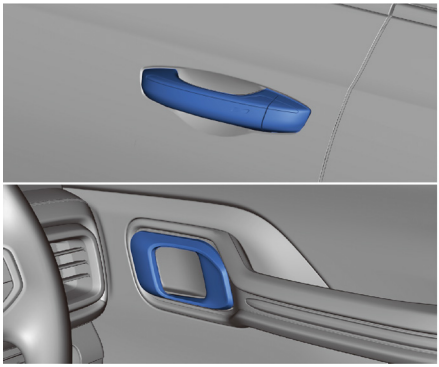
After the vehicle is automatically locked, if the vehicle is stopped and the ignition switch is set to OFF position, the door will unlock automatically.

Collision Unlocking

In case of severe frontal impact during travel, all doors are unlocked automatically to allow the occupants to leave the vehicle quickly.

The condition for the doors to automatically unlocked during collision depends on the specific impact force and accident type.

Door Handle



Exterior and Interior door handles

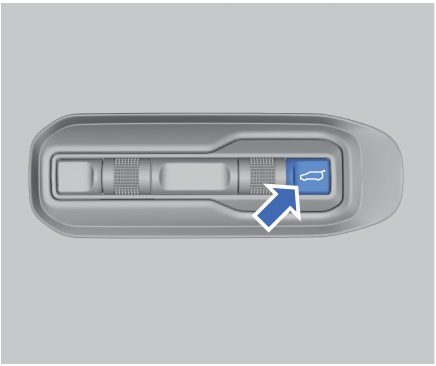
When the doors are in unlocked state, the door can be opened by pulling the inside/ outside door handles of the vehicle.

Tailgate

Opening the Tailgate

Open or close the tailgate slowly and gently with hand to prevent the tailgate from damage or loss functions. ◀

Unlocking the Tailgate from Inside of the Vehicle

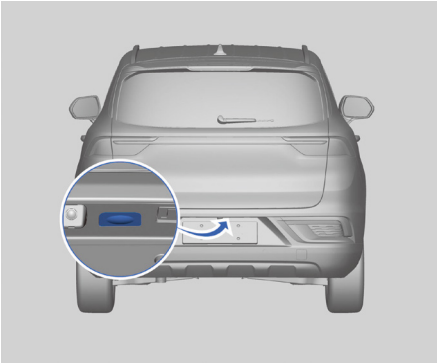


Interior tailgate unlock button

When the vehicle is stationary, if the vehicle does not enter the locked and anti-theft state, press and hold the interior tailgate unlock button on the instrument panel switch assembly to unlock the tailgate.

Opening the Tailgate from Outside of the Vehicle

When the vehicle is stationary, the interior locking switch is in the unlocked state and the external anti-theft alarm system is in the disarmed state, press the exterior tailgate switch to unlock and open the tailgate.



Exterior tailgate switch

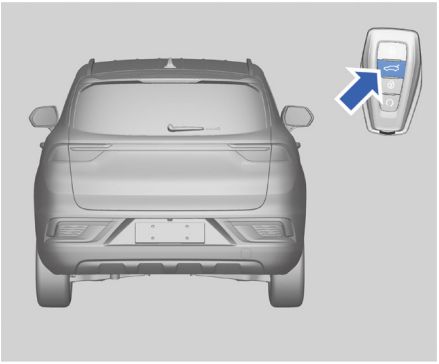
When the vehicle is stationary, the interior locking switch is in the unlocked state and the external anti-theft alarm system is in the disarmed state, press the exterior tailgate switch to unlock and pull up the tailgate to open it.

When the intelligent key is near the tailgate, press the external tailgate switch to open the tailgate (make sure there's no obstacle)

When the door unlock mode on the multimedia display is set to Driver Door Only, the trunk cannot be opened using the external tailgate switch.

Unlocking the Tailgate Using the Intelligent Key

Set the ignition switch in OFF position, press and hold the tailgate unlock button on the intelligent key to unlock the tailgate. Lift the tailgate to open it.



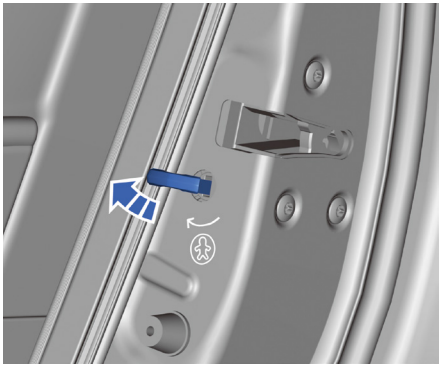
Tailgate unlock button

If the driver stands in the operating range of the tailgate unlocking using intelligent key for a long time and does not pay attention to the flashing warning of the turn signal, the tailgate may be unlocked by mistake. In order to ensure property safety, please pay attention to the status of the tailgate and vehicle. ◀

Closing the Tailgate

When the vehicle is stationary and the tailgate is opened, press the tailgate door to close the tailgate when the external anti-theft alarm system is in disarmed state.

Child Safety Lock



The left and right rear doors are fitted with child safety locks. Please use child safety locks when the left or right sides of the rear seat are occupied by children.

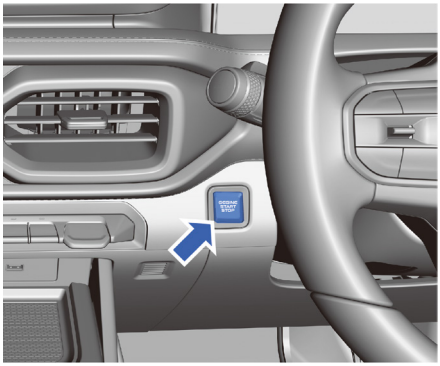
The child safety lock switch is at the outer edge of each rear door. Insert the mechanical key into the child safety lock switch as shown in the figure. Then, turn the switch according to the arrow to set the child safety lock to LOCK position. Now, the door cannot be opened from inside the vehicle and it can only be opened from outside of the vehicle for children's safety during driving.

After setting the child's safety lock, confirm whether the door can be opened or not from inside to ensure the protection of child safety lock is working. ◀

Set the child safety lock to OPEN position (or reverse direction of the LOCK position) to disable the function of child safety lock.

Start Switch

Ignition Switch



Your vehicle is equipped with a push start button that is used as an ignition switch to start the engine. To run the system, the intelligent key must be located inside the vehicle and can be detected.

The ignition switch has the following positions:

OFF: When the ignition is in OFF position with the intelligent key in the vehicle and the gear is in Park (P) or Neutral (N) position, press the brake pedal and press the ignition switch to start the engine.

In case the brake pedal is not pressed and the ignition switch is pressed, the ignition will be set to ACC position.

ACC: When the ignition is in ACC position, some electrical appliances such as multimedia unit can be operated and the ignition is in standby mode. While in ACC mode, with the intelligent key in the vehicle and the gear is in Park (P) or Neutral (N) position, press the brake pedal and press the ignition switch to start the engine.

In case the brake pedal is not pressed and the ignition switch is pressed, the ignition will be set to ON position.

If the ignition stays in ACC or ON position after engine is shut down, the vehicle system will still consuming the power of the battery. If this condition prolong, the engine may be unable to be started. ◀

ON: In ON position, most electrical appliances such as meter instrument can be operated. While in ON position, with the intelligent key in the vehicle and the gear is in Park (P) or Neutral (N) position, press the brake pedal and press the ignition switch to start the engine.

In case the brake pedal is not pressed and the ignition switch is pressed, the ignition switch will return to OFF position.

START: The engine will continue running in this position.

Press the ignition switch again to turn off the engine (OFF position).

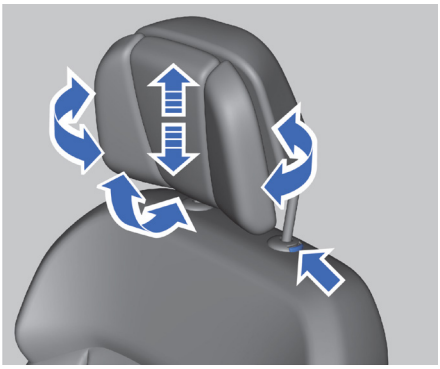
Seat

Front Seats

Front Seat Headrest Adjustment

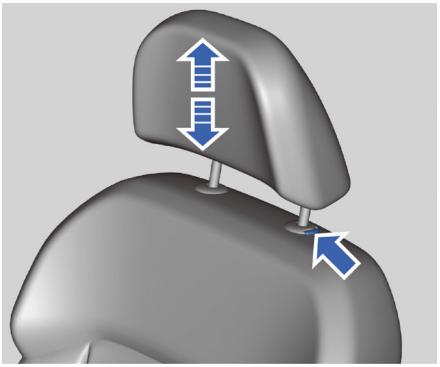
Before driving the vehicle, install and adjust the headrest correctly until its top is flush with the top of the passenger's head. By doing so, personal injury or death can be avoided in accidents. ◀

Type 1



1. Press and hold the adjustment button under the front seat headrest.
2. Lift up or press down the headrest to the required height, and then release the button.
3. Gently press or lift the headrest again until a click is heard, to ensure that the headrest is locked in place.
4. In addition, sleep headrest has backward, forward and both side rotary adjustment function, by which the headrest can be adjusted to the most comfortable position.

Type 2



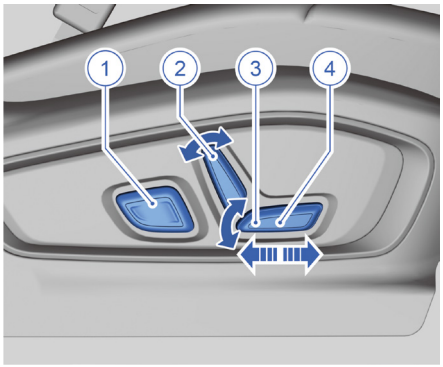
1. Press and hold the adjustment button under the front seat headrest.
2. Lift up or press down the headrest to the required height, and then release the button.
3. Gently press or lift the headrest again until a click is heard, to ensure that the headrest is locked in place.

Do not adjust seats while driving to prevent from losing control of the vehicle and thus cause personal injury or death. ◀

The seatback should not be inclined too much during driving. Otherwise, it may cause personal injury or death in the event of a collision.
In the event of a vehicle accident, the seat belt can provide maximum protection only by maintaining the correct sitting posture. ◀

Electric Adjustment of Driver Seat*

Do not place any object under the power seat or obstruct the movement of the seat. Otherwise, the seat adjustment motor may be damaged. ◀



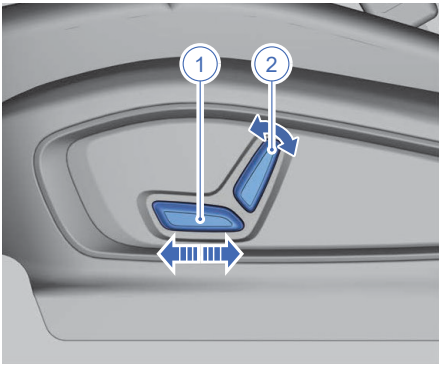
1. Lumbar support adjustment of seat*
   Press and hold the front/rear end of seat lumbar support adjustment switch to strengthen/weaken the lumbar support.
2. Adjustment switch of seatback angle
   Move the switch forward/backward to adjust the angle of the seatback.
3. Adjustment switch of seat height
   Move the rear end of the switch up/down to adjust the height of the seat cushion.
4. Forward and backward adjustment switch of seat
   Move the switch forward/backward to adjust the front and rear positions of the seat cushion.

Manual Adjustment of Driver Seat*



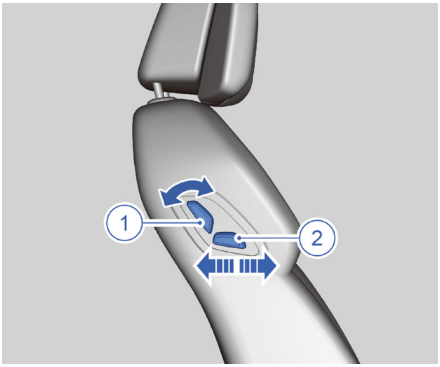
1. Adjustment lever of seatback angle
   Lift the seatback angle adjustment lever to unlock the seatback. Gently press back or slowly leave the seat seatback to rotate it backward or forward to the required position. Lower the seatback angle adjustment lever to lock the seatback.
2. Adjustment lever of seat height
   Lift up or press down the seat height adjustment lever to raise or lower the seat height. Adjust the seat to the required height and release the adjustment lever.
3. Forward and backward adjustment lever of seat
   Hold the middle of forward and backward adjustment lever of the seat and pull it upwards. Lean against the seat and slide the seat to the required posi-tion. Loosen the adjustment lever until a clicking sound is heard from the seat rail and the seat is locked.

Electric Adjustment of Front Passenger Seat*



1. Forward and backward adjustment switch of seat
   Move the switch forward or backward to adjust the seat forward or backward respectively.
2. Adjustment switch of seatback angle
   Move the switch forward or backward to adjust the angle of the seatback.

Boss Switch*



1. Move the seatback control switch of the front passenger seat forward or backward to adjust the angle of the seatback.
2. Move the control switch of the front passenger seat forward/backward to adjust the front and rear positions of the seat.

Manual Adjustment of Front Passenger Seat

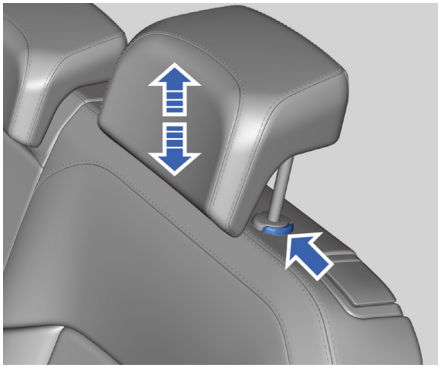


1. Forward and backward adjustment lever of seat
   Hold the middle of forward and backward adjustment lever of the seat and pull it upwards. Lean against the seat and slide the seat to the required posi-tion. Loosen the adjustment lever until a clicking sound is heard from the seat rail and the seat is locked..
2. Adjustment lever of seatback angle
   Lift the seatback angle adjustment lever to unlock the seatback. Gently press back or slowly leave the seat seatback to rotate it backward or forward to the required position. Lower the seatback angle adjustment lever to lock the seatback.

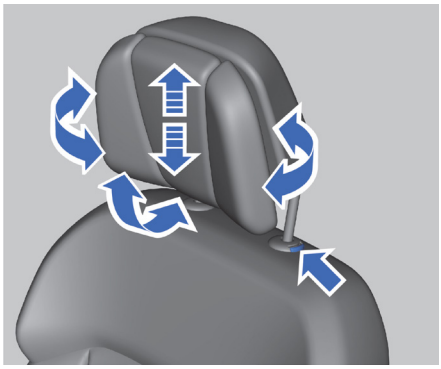
Middle Row Seat

Middle Row Seat Headrest Adjustment

Type 1



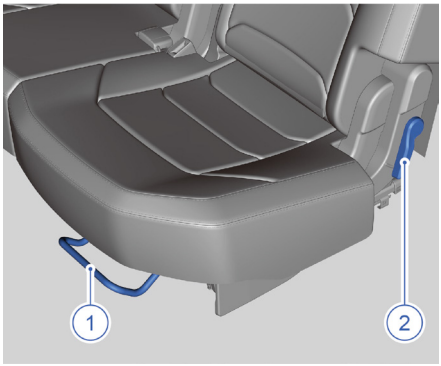
Type 2



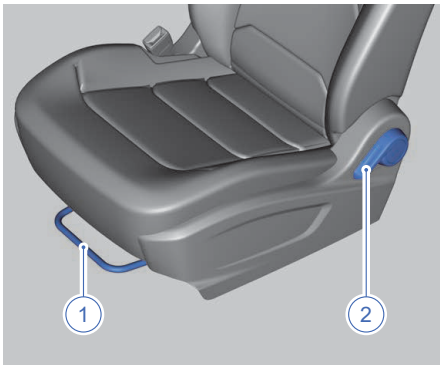
1. Press and hold the adjustment button under the front seat headrest.
2. Lift up or press down the headrest to the required height, and then release the button.
3. Gently press or lift the headrest again until a click is heard, to ensure that the headrest is locked in place.
4. In addition, the type 2 headrest has backward, forward and both side rotary adjustment function, by which the headrest can be adjusted to the most comfortable position.

Manual Adjustment of Middle Row Seat

Type 1



Type 2



1. Forward and backward adjustment lever
   Hold the middle part of the rear and front adjustment lever and pull upward. Lean on the seatback, slide the seat to the required position.

Release the adjustment lever until the seat slide rail gives a clicking sound and the seat is locked.

2. Adjustment lever of seatback angle
   Lift the adjustment lever of seatback angle to unlock the seatback.
   Gently press back or slowly leave the seat seatback to rotate it backwards or forwards to the required position. Put down the adjustment lever of seatback angle, and the seatback is locked.

Folding the Middle Row Seat Armrest*



The middle row seat armrest is located on the inside of the seat and can be leveled or raised up to 8 notch.

Access to the Rear Row Seat



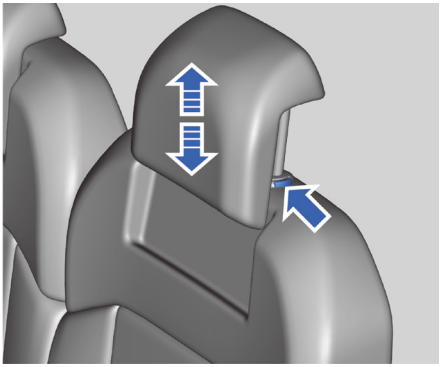
1. Adjust the headrests of the middle row seat to the lowest position.

   While pulling up the locking lever completely, unlock the seatback and fold the outmost middle row seats to make a way for the rear row passengers to get in and out the vehicle.

2. Push the seat backward to the rear middle section, pull up the locking lever of the middle row seat, and then release the lever to restore the middle row seat in its position.

Rear Row Seats

Rear Row Seat Headrest Adjustment*



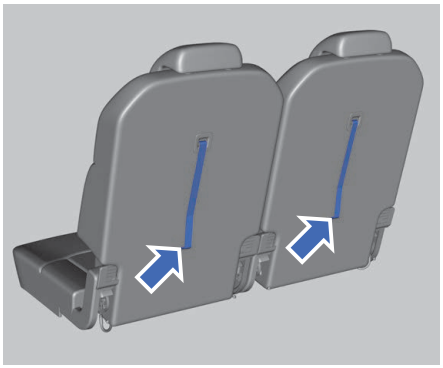
1. Press and hold the adjustment button under the rear seat headrest.
2. Lift up or press down the headrest to the required height, and then release the button.
3. Gently press or lift the headrest again until a click is heard, to ensure that the headrest is locked in place.

Press and hold the adjustment button to push inside or pull outside the headrest. ◀

Rear Row Seatback Angle Adjustment*

Each rear row seat can be individually folded forward to increase the rear row space.

Both sides of the rear row seat cushion and the rear side of its seatback are equipped with folding straps.

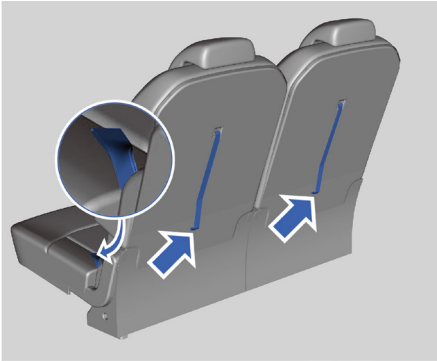


1. Pull down both sides of the seat cushion or the folding strap on the seatback to unlock the rear seatback.
2. Rotate or adjust the rear seatback angle to the desired position.
3. Release the folding strap.
4. Ensure the rear seatback is securely locked in the new position.

Folding Rear Seat Seatback

Each rear row seat can be individually folded forward to provide more space to store luggage.

Both sides of the rear row seat cushion and the rear side of its seatback are equipped with folding straps.



1. Adjust the rear row seat headrest to the lowest position;
2. Pull up the unlocking strap on the rear seat's seatback to the end to unlock the corresponding seatback;
3. Fully fold the seatback on the corresponding side.

After the seatback of the rear row seat is folded, make sure to leave some space between the headrest of the rear row seat with the seat in front (middle row seat).

Unfolding Rear Seat Seatback

Pull the unlocking strap, unfold the seatback and push it backward with force until the corresponding seat is locked. If not, the seat belt may not function normally.

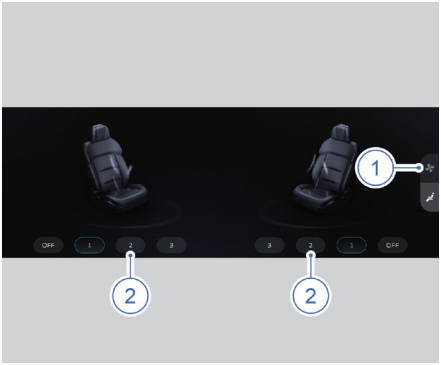
When the vehicle is driven, occupants are not allowed to sit on folded seats or in the luggage compartment. The seats should be properly used. When the seatback returns to the original position, the following precautions shall be considered to prevent injuries upon collisions or emergency braking:

- Push forward and backward the top part of the seatback to make sure the seatback is locked securely in its position. If not, the seat belt may not function normally.
- Make sure the seat belt is not twisted or stuck below the seat, but well positioned for use. ◀

When the child restraint system is placed in the rear row seat, the child restraint system and its installation guide sheath must be removed before the rear row seat's seatback folding function can be used. ◀

Seat Ventilation*

Front Seat Ventilation



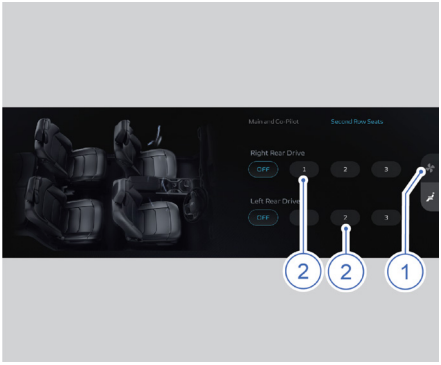
1. Select the seat ventilation button on the multimedia display screen.
2. In the Main and Co-Pilot interface, click the ventilation adjustment button (between OFF, 1, 2, or 3) under the figure of driver seat or front passenger seat to adjust the ventilation fan speed on the corresponding side.

The selected seat ventilation mode button will illuminate indicating the mode status of the seat ventilation. ◀

The seat ventilation indicator displays the current ventilation level:

- When Level 1 is on, the speed of seat ventilation is set to low.
- When Level 2 is on, the speed of seat ventilation is set to medium.
- When Level 3 is on, the speed of seat ventilation is set to high.
- When the OFF indicator is on, the speed of seat ventilation is turned off. ◀

Middle Row Seat Ventilation



1. Select the seat ventilation button on the multimedia display screen.
2. In the Second Row Seats interface, click the ventilation adjustment button (between OFF, 1, 2, or 3) under the figure of driver seat or front passenger seat to adjust the ventilation fan speed on the corresponding seat.

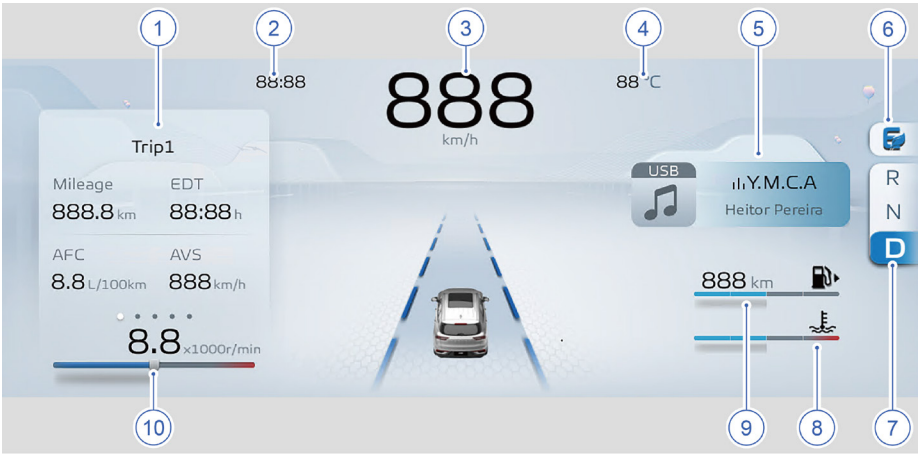
The selected seat ventilation mode button will illuminate indicating the mode status of the seat ventilation. ◀

The seat ventilation indicator displays the current ventilation level:

- When Level 1 is on, the speed of seat ventilation is set to low.
- When Level 2 is on, the speed of seat ventilation is set to medium.
- When Level 3 is on, the speed of seat ventilation is set to high.
- When the OFF indicator is on, the speed of seat ventilation is turned off. ◀

Meter Instrument

Overview of Meter Instrument (Type 1)



1. Information menu

Display the vehicle status, current mileage, subtotal mileage and tyre status.

Push TRIP button to change between the four display screens below:

- Trip 1 (Trip Information)

  Displays the current mileage, EDT (estimate driving time), AFC (average fuel consumption) and AVS (average vehicle speed) for the current ignition cycle.

  After the engine is off for 4 hours, this information will be reset to zero automatically. Long press the TRIP button or performing hard reset (remove power supply from meter instrument) will also reset the information.

- Trip 2 (Cumulative Trip Information)

  Displays the total mileage, EDT, AFC and AVS. This information will not reset in the next ignition cycle.

  To reset the information in this display screen, long press the TRIP button or perform the hard reset. When the milage is greater than 9999.9km, the mileage value will be cleared and counted again.

- Tire Pressure

  Displays the real-time tyre pressure for each tyre in the vehicle except for spare tyre. The tyre pressure unit can be displayed in psi, kPa or Bar.

- Vehicle Status

  Displays current fuel consumption (Instant Fuel) in L/100km and odometer.

2. Clock

On the meter instrument, open main menu and select as follows:

Vehicle settings → ***Time settings***;

In this interface, the time format, calendar setting and clock setting can be set.

3. Speedometer

Displays the current vehicle speed per hour.

4. Outside temperature

Displays the outside temperature. The temperature range is - 40 °C ~ 60 °C.

5. Notifications (main menu)

Displays the information, such as the vehicle status, the multimedia audio sources, the call status, and more.

6. Driving mode

Displays the current selected driving mode: COMFORT, SPORT or ECO.

7. Gear display

Displays the current selected gear: R, N, D, P or M.

8. Water temperature gauge

When the ignition switch is at the ON position, the water temperature gauge displays the current temperature of the engine coolant. The engine coolant temperature changes with air temperature and engine load.

9. Fuel gauge

When the ignition switch is at the ON position, the fuel gauge indicates the remaining fuel in the fuel tank and displays the approximate distance this vehicle can be driven with the remaining fuel in the tank. If the low fuel level warning is on, please refuel as soon as possible.

10. Tachometer

Displays the speed of the engine per minute in the unit of 1000 r/min. The indication range of the tachometer is 0 r/min~8000 r/min, and the red zone of the tachometer is 6250 r/min~8000 r/min, in which warns you of excessive engine speeds.

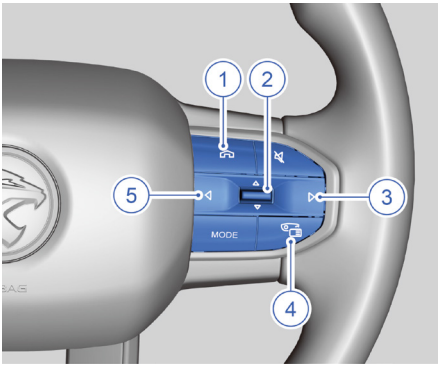
The display mode of meter instrument display can be set on the multimedia display. ◀

Pictures in the interface of meter instrument are only for reference. All the pictures shall be subject to the actual devices on the vehicle. ◀

Display Screen Settings

Do not adjust the meter instrument screen while driving. ◀

Multi-control Function Buttons on Steering Wheel



1. Home button

   Press this button briefly to return to the main multimedia interface

2. Selection and confirmation button (Enter button)

   - Press this button briefly to confirm your selection from the main menu items and enter the next sub-menu.
   - Press this button briefly can also hide appeared warning display.
   - In the main menu, push up △ or down ▽ to scroll up or down the menu list.
   - While in the overspeeding warning interface, push up △ or down ▽ to increase or decrease the speed value.
   - While in the time setting interface, push this button briefly up △ or down ▽ to increase or decrease the time value.
   - Push and hold this button up △ or down ▽ to continuously increase or decrease the time value.

3. Right selection button ▷

   When the meter instrument's main menu is opened, briefly press this button to select items rightward in the main menu.

4. Mode switch button (Menu button)

   Short press this button to open/close the main menu at meter instrument.

   When the main menu is opened, the multi-control function buttons will control the meter instrument display and setting.

   When the main menu is closed, the multi-control function buttons will control the multimedia display and setting.

5. Left selection button ◁

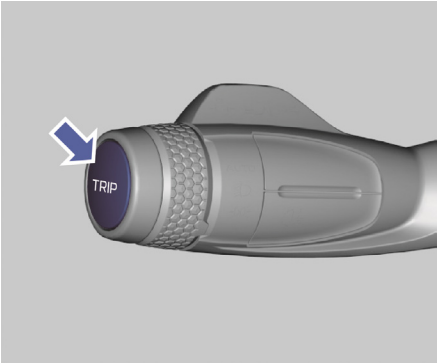
   When the meter instrument's main menu is opened, briefly press this button to select items leftward in the main menu.

Each time the ignition switch is turned from OFF to ON or ACC position, the main menu at meter instrument type 1 will automatically opened if there is any reminder or warning at real time.

Press the menu button and then press the selection and confirmation button to control the main menu at meter instrument.

After that, press the menu button only to close or open the main menu at meter instrument again. ◀

TRIP Button



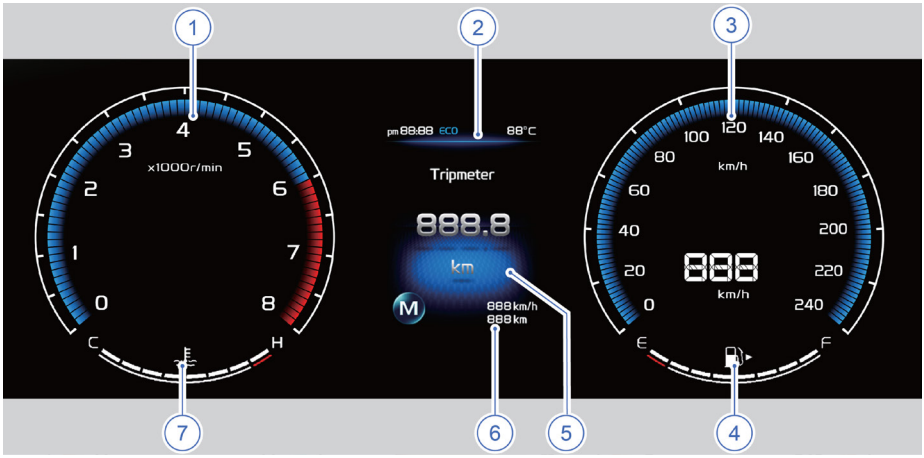
- Press the TRIP button briefly on the left side of the light combination lever to view the vehicle status, mileage, subtotal mileage and tyre status switch one by one in one direction.
- Every time the meter instrument is powered on, the meter instrument displays the last recorded information.

For type 1 meter instrument, pressing the TRIP button will change the information menu (left side of meter instrument interfaces) only. Use right or left selection button from the multi-control function buttons on steering wheel to switch the selection at meter instrument's main menu interface. ◀

Resetting Trip Information

In the trip information display such as subtotal mileage or current mileage interface, press and hold the TRIP button to reset the information of the corresponding meter instrument interface.

Overview of Meter Instrument (Type 2)



1. Tachometer

   Displays the engine speed per minute in the unit of 1000 r/min. The indication range of the tachometer is 0 r/min ~ 8000 r/min, and the red zone of the tachometer is 6000 r/min ~ 8000 r/min, in which warns you of excessive engine speeds.

2. Notifications (main menu)

   Displays the clock, the drive mode, the warning information, the outdoor temperature and more.

3. Speedometer

   Displays the current vehicle speed per hour.

4. Fuel gauge

   Displays the amount of fuel remaining in the tank. The upper limit is marked as F and the lower limit is marked as E. If the low fuel level warning is on, please refuel as soon as possible.

5. TRIP infomation display

   - Displays the subtotal mileage, distance to empty (DTE), single trip fuel consumption, average vehicle speed, average fuel consumption (AFC), and tyre pressure monitoring*.

6. Information menu

   Displays the vehicle information such as total mileage of the vehicle, the current gear selected by the driver, cruise status* and the remaining mileage for next service*.

7. Water temperature gauge

   When the ignition switch is at the ON position, the water temperature gauge displays the current temperature of the engine coolant. The engine coolant temperature changes with air temperature and engine load.

If the water temperature gauge indicates the red zone, the driver should stop the vehicle or keep the engine idling to let the engine cool down. ◀

The display mode of meter instrument display can be set on the multimedia display.◀

Pictures in the interface of meter instrument are only for reference. All pictures shall be subject to the actual devices on the vehicle. ◀

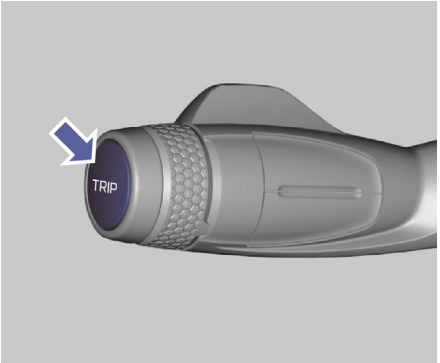
Display screen settings

Do not adjust the meter instrument display screen while driving. ◀

Multi-control Function Buttons on Steering Wheel

The function of multi-control function buttons are the same as control for meter instrument type 1. ◀

TRIP Button



- Press the TRIP button briefly on the left side of the light combination lever to select the information interfaces at meter instrument such as average fuel consumption, instantaneous fuel consumption, maintenance reminder and other display information.
- Every time the meter instrument is powered on, the meter instrument displays the last recorded information.

For type 2 meter instrument, press the TRIP button briefly to switch the selection at meter instrument's information interfaces. It has the same function as pressing the right or left selection button from the multi-control function buttons on steering wheel. ◀

Resetting Trip Information

In the trip information display such as subtotal mileage or current mileage interface, press and hold the TRIP button to reset the information of the corresponding meter instrument interface.

Menu Information (Type 1)

1st level Menu	2nd level Menu	3rd level Menu	4th Level Menu	Note
Vehicle settings	Steering mode switch	Drive mode association		
		Comfort		
		Standard		
		Sport		
	Overspeed alarm	Function activation		
		Vehicle speed setting	XXX km/h	
		Function deactivation		
	Alarm volume	High		
		Medium		
		Low		
	Maintenance information inquiry	____ before the next maintenance XXX km		
	Reset maintenance information	Make sure to reset the maintenance information? (Status display)		
		Yes		
		No / Cancel		

1st level Menu	2nd level Menu	3rd level Menu	4th Level Menu	Note
Vehicle settings	Language settings	English		
	Time setting	Time format	12-hour system	
			24-hour system	
	Time setting	Calendar settings	MM____ DD____, YY____	
		Clock setting	____ Hour ____ Minute or ____ Hour ____ Minute AM/PM	
	Unit setting	Temperature unit	°C	
			°F	
		Pressure unit	psi	
			kPa	
			Bar	
		Mileage and fuel consumption (L/100km)	km, L/100km	
			km, km/L	
			miles, mpg (US)	
			miles, mpg (UK)	
	Full screen map	Function activation		
		Function deactivation		

Menu Information (Type 2)

1st level Menu	2nd level Menu	3rd level Menu	4th Level Menu	Note
Menu settings	Vehicle settings	Language settings	Chinese	
			English	
			Back	
		Steering mode switch	Drive mode association	
			Private customization mode	
			Comfort	
			Standard	
			Sports	
			Back	
		Steering mode switch	Comfort	
			Standard	
			Sports	
			Back	
		Overspeed alarm	Activation	
			Speed setting	Speed setting: the default speed is 120 km/h and can be adjusted by pressing △ or ▽ and Enter buttons.
				Yes
				No
			Back	

1st level Menu	2nd level Menu	3rd level Menu	4th Level Menu	Note
Menu settings	Vehicle settings	Alarm volume	High	
			Medium	
			Low	
			Back	
		Maintenance reset	Yes	
			No / Cancel	
		The remaining maintenance mileage	____ before the next maintenance	
			XXXX km	
			Back	
		Turn off ESC (ESC off)	ESC activation (on)	
			Turn off ESC (ESC off)	
			Back	
		Back		
	Drive Computer settings	Reset all on-board computers	Yes	
			No / Cancel	
		Subtotal mileage		
		Single fuel consumption		
		Average fuel consumption		
		Instantaneous fuel consumption		

1st level Menu	2nd level Menu	3rd level Menu	4th Level Menu	Note
Menu settings	Drive Computer settings	Endurance mileage		
		Driving time		
		Average speed		
		Tire pressure monitoring		
		Back		
	Time setting	Calendar settings	Year setting: the default base year is 2016, and the current year is displayed. It can be adjusted by pressing the △ and ▽ buttons.	
			Month setting: It displays the current month. It can be adjusted by pressing the △ and ▽ buttons. The default month is 1 and the range is from 1 to 12.	
			Day setting: It displays the current date. It can be adjusted by pressing the △ and ▽ buttons. The default date is 1 and the range from 1 to 31.	
			Yes	
			Cancel	

1st level Menu	2nd level Menu	3rd level Menu	4th Level Menu	Note
Menu settings	Time setting	Time mode	24-hour system	
			12-hour system	
			Back	
		Clock setting (24 hour system)	Hour setting: It displays the current hour, and can be adjusted by pressing the △ or ▽ buttons.	
			Minute setting: It displays the current minute, and can be adjusted by pressing the △ or ▽ buttons.	
			Yes	
			Cancel	
		Clock setting (12 hour system)	am/pm	
			Hour setting: It displays the current hour, and can be adjusted by pressing the △ or ▽ buttons.	
			Minute setting: It displays the current date and can be adjusted by pressing the △ or ▽ buttons.	
			Yes	
			Cancel	
		Back		

1st level Menu	2nd level Menu	3rd level Menu	4th Level Menu	Note
Menu settings	Unit setting	Temperature unit	°C	
			°F	
			Back	
		Pressure unit	psi	
			kPa	
			bar	
			Back	
		Mileage and fuel consumption (L/100km)	km, L/100km	
			km, km/L	
			Miles, mpg(US)	
			Miles, mpg(UK)	
			Back	
		Back		
	Back			

Warning and Indicator Lights

Introduction of Warning and Indicator Lights

Icon	Name	Description	Color
	Left turn signal indicator	Left turn signal is on	Green
	Right turn signal indicator	Right turn signal is on	Green
	Low beam lamp indicator	Low beam lamp is on	Green
	Low beam lamp failure indicator	Low beam lamp has a failure	Yellow
 	High beam lamp indicator*	High beam lamp is on	Blue
	Front fog lamp indicator	Front fog lamp is on	Green
	Rear fog lamp indicator	Rear fog lamp is on	Yellow
	Position lamp indicator	Position lamp is on	Green
	Anti-lock brake system (ABS) failure warning	ABS system has a failure	Yellow
EBD	EBD failure warning	EBD system has a failure	Yellow
	Brake system failure warning	The brake fluid level is too low or the brake system has a failure	Red
	Electric parking brake system (EPB) status indicator	Parking brake is enabled/ engaged	Red
		AUTO HOLD function is activated*	Green

Icon	Name	Description	Color
	Electric parking brake (EPB) system failure warning	Electronic parking brake system has a failure	Yellow
	AUTO HOLD (AVH) status indicator*	AUTO HOLD function is enabled	Green
		AUTO HOLD function has a failure	Red
	Airbag failure warning lamp	The airbag system has a failure	Red
	Seat belt warning	Seat belt not fastened or has failure	Red
	Engine emission failure warning	Engine emission system has a failure	Yellow
	Engine system failure warning*	Engine system has a failure	Red
			Yellow
	Electronic stability control (ESC) system status indicator	ESC system is activated (indicator is blinking)	Yellow
		ESC system is has a failure (indicator stay illuminate)	
	Electronic stability control (ESC) system OFF indicator	ESC system is off (ESC OFF / ESC SPORT)	Yellow
	High water temperature warning indicator	Temperature of engine coolant too high	Red
	Low fuel warning indicator	Too low fuel level in the fuel tank	Yellow
	Low oil pressure warning	The engine oil pressure is too low	Red

Icon	Name	Description	Color
	Battery charging failure warning	Battery charging has a failure	Red
	Electric power steering (EPS) system failure warning*	EPS has a failure	Yellow
	Tyre pressure monitoring system (TPMS) warning*	TPMS has failures with abnormal tyre pressure or TPMS has not been self-learned	Yellow
	Cruise status indicator* (for Cruise Control system)	Cruise control system is on standby	White
		The vehicle has entered the cruise mode of Cruise control system	Green
	Transmission failure warning	Transmission has minor failure	Yellow
		Transmission has major failure	Red
	Automatic speed limit control system (LIM) status indicator*	Automatic speed limit control system is on standby	White or Grey
		Automatic speed limit control system is activated	Green
		Automatic speed limit control system is activated, but the system is under driver's control	Yellow
	Hill descent control (HDC) system indicator	HDC system has a failure	Yellow
		HDC system is ON	Green

Icon	Name	Description	Color
 	ECO mode indicator*	ECO mode is activated	Blue
 	SPORT mode indicator*	SPORT mode is activated	Red
	COMFORT mode indicator*	COMFORT mode is activated	Red
	Fatigue driving indicator*	Fatigue detection alarm	White
	Failure warning*	There can be one or more alarm information are hidden in the alarm list	Yellow

When the ignition switch is set to ON position or the engine is started, some warning lamps will perform self-checking and stay illuminate for few seconds before they are turned off. If there is any fault causing warning lamps stay illuminate on or suddenly lit on during driving, pay attention to it and contact an authorised PROTON service outlet for maintenance as soon as possible. Otherwise, severe casualty or property loss may occur.

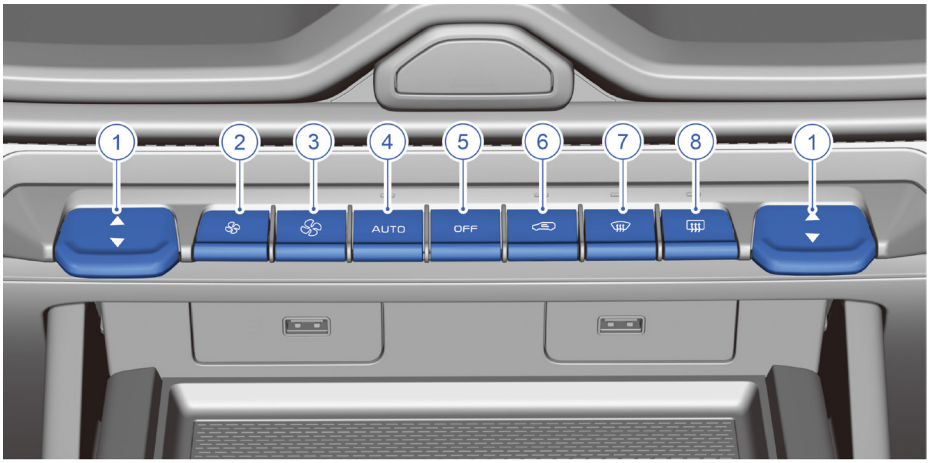
The warning lamp may be stay illuminate after starting, or it will illuminate during driving, which indicates that the vehicle may have a serious failure. Contact an authorised PROTON service outlet for maintenance as soon as possible. ◀

Black icons in the table are displayed as white in the meter instrument display screen. ◀

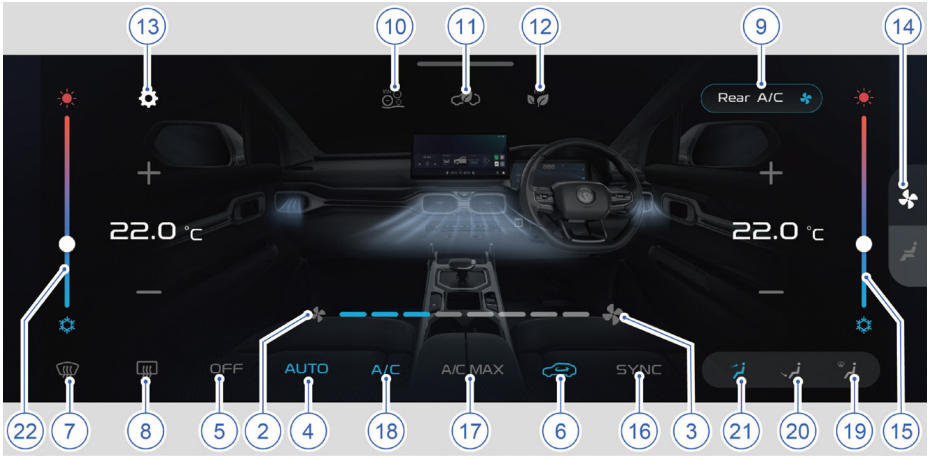
Air Conditioner (A/C)

Front A/C Control System

A/C Control Panel on Instrument Panel



A/C Control Panel in Multimedia Display Screen



Front A/C Control System Buttons

1- Temperature adjustment button
2- Blower speed decrease button
3- Blower speed increase button
4- AUTO button
5- OFF button
6- Air circulation switch button
7- Front windshield defroster/defogger button
8- Rear windshield defroster/defogger button
9- Rear A/C button
10- ION button
11- G-Clean button *
12- A/C Energy-Saving mode button*
13- A/C setting button
14- Seat ventilation button*
15- Driver side temperature adjustment button
16- Dual zone control (SYNC) button
17- A/C MAX button
18- A/C ON button
19- Windshield blowing mode button
20- Foot blowing mode button
21- Face blowing mode button
22- Front passenger side temperature adjustment button

In the A/C control panel on the multimedia display, the face blowing button, the foot blowing button and the window blowing button can all be used independently or combined as required.◀

Description of Front A/C Control System Buttons

1. Temperature adjustment button

Adjust this button when the A/C controller is working normally.

Push this button up to increase the temperature. Press this button down to decrease the temperature.

Each time you press down or pull up on the temperature adjustment button, the temperature will change by 0.5°C. The temperature adjustment range is 17.5°C ~ 31.5°C.

When the set temperature is lower than 17.5°C, an indicator LO will be displayed. When the set temperature is higher than 31.5°C, an indicator HI will be displayed.

When the air conditioner is off and you operate the temperature adjustment button, the air conditioner will activate.

2. Blower speed decrease button

Press this button to reduce the air blower speed of A/C system. There are 8 speed levels.

When the air conditioner is working, press and hold this button to turn off the air conditioner.

3. Blower speed increase button

Press this button to increase the air blower speed of A/C system.

When the air conditioner is working, press this button to turn on the air conditioner.

4. AUTO button*

Press this button to turn on the automatic mode of the air conditioner. The air conditioning system will automatically operate according to the set temperature.

During automatic mode, the AUTO button indicator illuminates*. The air circulation mode will also change automatically at certain ambient temperature range.

The default setting for air conditioner when pressing AUTO button after starting the engine is automatic air conditioning with internal circulation air mode. ◀

Press the air circulation switch button to control the air circulation manually during air conditioner automatic mode (AUTO button indicator is ON).
Turn off the air conditioner and then press AUTO button once again to return the air circulation control to automatic mode. ◀

5. OFF button

When the air conditioner is working, press this button to turn off the air conditioner.

6. Air circulation switch button

Press this button to switch between external circulation (fresh air) and internal circulation (recirculation) air mode.

During internal circulation mode, the air circulation switch button indicator illuminates. The internal air circulation mode helps to quickly cool down or heat up the air inside the vehicle and prevent outside air and unpleasant odor from entering the vehicle.

Long-term use of the internal air circulation mode may result in stale air in the vehicle or fogging of the windows' glasses. ◀

7. Front windshield button (for defroster/defogger)

To quickly remove fog or frost from the front windshield, direct the airflow toward the windshield. For best results, remove any ice and snow from the windshield before activating the front defroster/defogger.

When the front windshield defroster/defogger is activated, the air conditioner and external (fresh) air circulation mode will automatically turn on, and the blower speed will automatically be set to the highest level. If necessary, adjust the blower speed using the blower speed control button.

For optimal defrosting and defogging performance, do not turn off the air conditioner or change the external air circulation mode while the function is in operation.

If the air conditioner is off and the front windshield defroster/defogger button is pressed, the air conditioner will automatically activate to perform the defrosting or defogging function.

When the front defroster/defogger function is turned off, the blower

speed and air circulation mode will return to their previous settings.

8. Rear windshield button (for defroster/defogger)

After the vehicle is started, press this button to turn on/off the rear windshield defroster or defogger function.

When the rear windshield defroster or defogger function is enabled, the button indicator will illuminate. Press this button again to turn off the rear windshield defroster or defogger function.

After the vehicle is started, press the rear windshield defroster/defogger button to turn the function on or off. When the function is activated, the indicator on the button will illuminate. Press the button again to turn off the rear windshield defroster/defogger.

Do not use any scraper or sharp tool to clear frost or foreign material on the glasses of the front windshield and the rear windshield to avoid damage to both windshield glasses and the rear defogger grill. Keep any objects away from the rear defogger grill. Repair caused thereby is not covered by vehicle warranty. ◀

9. Rear A/C button

Touch this button to turn on or off the rear air conditioner.

10. ION button

Touch this button to turn on the negative ion generator. The ION button indicator will illuminate and the ION icon will be shown in the multimedia display screen. This function is used to purify the air inside the vehicle. Touch again to turn it off.

11. G-Clean button*

When the vehicle starts, touch this button to turn on or off the G-Clean function.

12. Energy-saving mode button*

Press this button to turn on or off the A/C economic (energy-saving) mode. The energy-saving mode icon will be shown in the multimedia display. Touch again to turn it off.

13. A/C setting button

Press this button to open the A/C setting interface.

14. Seat ventilation button*

Press this button will automatically turn on the seat ventilation interface.

15. Driver side temperature adjustment slider

Slide up or down the slider bar to increase or reduce the temperature on the driver side.

Alternatively, there are "+" and "-" buttons at above and below the set temperature value next to the slider bar.

Press "+" or "-" button to adjust the set temperature. Each time this "+" or "-" icon is pressed, the temperature will be higher or lower by 0.5°C.

The temperature setting range of the air conditioner is 17.5°C ~ 31.5°C.

When the set temperature is above 31.5 °C, it will display “HI". When the set temperature is below 17.5 °C, it will display “LO".

16. Dual zone control (SYNC) button

Touch this button to turn on the dual zone control function and the SYNC button will illuminate.

The A/C control on the driver’s side and the front passenger’s side can be adjusted at the same time.

Touch this button again will turn off the dual zone control function. The SYNC button will not illuminate and the A/C control on the driver's side and front passenger’s side is now can be operated independently.

17. A/C MAX button

Press this button and the button indicator will illuminate.

Use this to quickly cool down the temperature inside the vehicle. The set temperature will reduce to the lowest temperature and the air blower speed will change to the maximum speed.

18. A/C ON button

Press this button and the button indicator will illuminate indicating that the refrigeration function of the A/C compressor is turned on.

Press this button again to turn off the air conditioner. the button indicator and A/C compressor will turn off.

If the air conditioning performance is lower than expected, check the surface of air conditioning condenser (located in front of the radiator) for dirt accumulation or probably insects and its remains. Go to an authorised PROTON service outlet for cleaning.

- An obstruction placed in front of the front compartment hood will reduce the airflow into the condenser, thereby reducing the performance of air conditioner.
- Do not let leaves or other debris blocking the air inlets. ◀

19. Windshield blowing mode button

Press this button to set the airflow direct to the front windshield and window area.

20. Face blowing mode button

Press this button to set the airflow direct to the face area.

21. Foot blowing mode button

Press this button to set the airflow direct to the foot area.

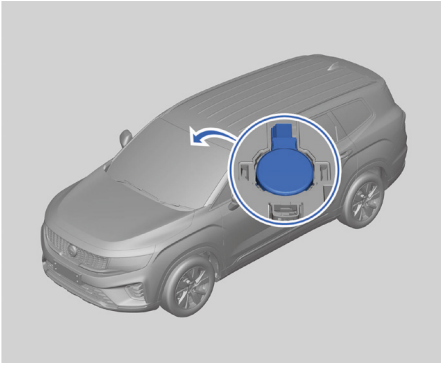
22. Front passenger side temperature adjustment slider

Slide up or down the slider bar to increase or reduce the temperature on the front passenger side.

Alternatively, press "+" or "-" button to adjust the set temperature. Each time the icon is pressed, the temperature will be higher or lower by 0.5°C.

When the set temperature is above 31.5 °C, it will display “HI". When the set temperature is below 17.5 °C, it will display “LO".

Light Sensor*



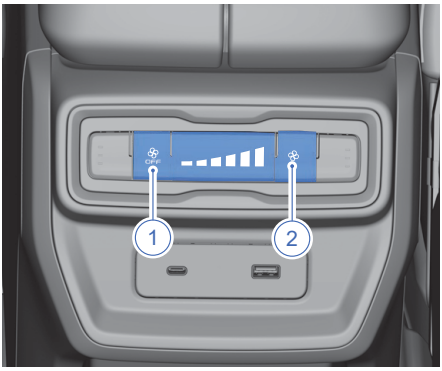
The light sensor on the upper part of the instrument panel measures the light intensity, which is used to turn on and off the headlamps in automatic lighting function.

Keep the sensor clean. Do not cover the sensor with foreign objects such as sticker on it. Otherwise, the temperature control system and automatic lights will not work properly. ◀

Do not apply privacy films or high-opacity films to the front windshield. Such films may reduce the windshield's light transmittance below the regulatory requirements, potentially affecting vehicle inspection compliance, impairing visibility and driving safety. In addition, these films may block ambient light and solar input to the light sensor, causing abnormal operation of the automatic lighting function. The greater the light blockage, the more significant the impact, which may compromise the performance and user experience of the functions in automatic lighting. ◀

Rear A/C Control System

Rear A/C Control Panel



1- Blower speed control off button
2- Blower speed control adjustment button

Description of the Rear Control A/C System Buttons

1. Blower speed control off button

   When the air conditioning system is working, press this button to adjust (reduce) the blower speed of the rear air conditioner.

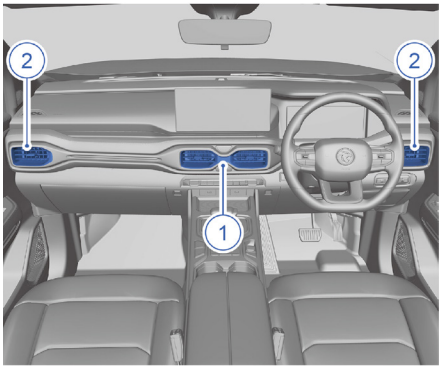
   Press and hold the button down to turn off the blower speed of the rear air conditioner.

2. Blower speed control adjustment button

   When the air conditioning system is working, press this button to adjust (increase) the blower speed of the rear air conditioner.

Air Outlet

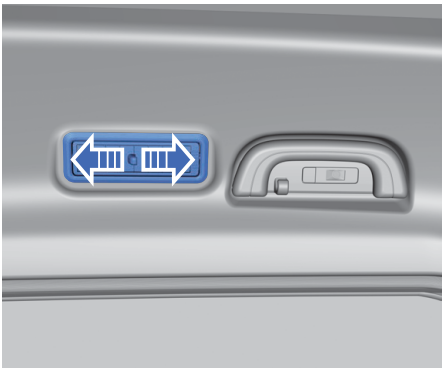
Front Air Vent



1. Centre air vent
2. Side air vent

Do not hang anything on the air vent knob, otherwise the knob may be broken and deformed, making it unusable. ◀

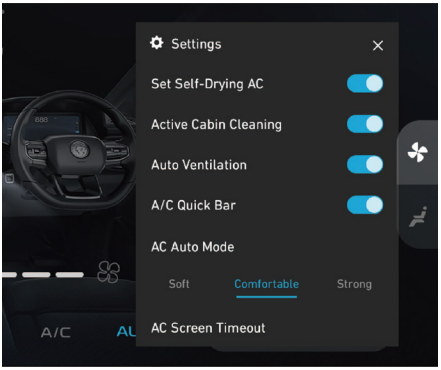
Rear Air Vent



Adjust the air vent grille to change the direction of the air outlet grille and adjust the wind direction.

The air flow can be turned off by adjusting the blades.

A/C Settings



On the multimedia display screen, press the following in sequence:

Air conditioning → Air conditioning setting button.

In this interface, you can activate or disable the functions of A/C self drying, active cabin cleaning, automatic or active ventilation and A/C auto mode. You can also set the timer for A/C screen timeout*.

Set Self-Drying AC

When the self-drying function of the air conditioner is turned on, after the vehicle is locked and the conditions are met, the air conditioner will automatically turn on the blower for drying. This is to avoid the unpleasant odour caused by the humidity and mildew of the evaporator.

Active Cabin Cleaning

When the active cabin cleaning function is turned on, after the vehicle is unlocked and before the doors are opened, once the conditions are met, the air conditioner will automatically turn on the blower to blow out the peculiar smell in the duct of the A/C system for automatic cleaning.

Auto Ventilation

This function can ventilate the air inside the vehicle regularly when the vehicle is parked and powered off. This helps to maintain the air circulation of the vehicle.

It is normal that the automatic ventilation function is enabled and the air conditioning for ventilation in the vehicle is started. ◀

AC Quick Bar

When the switch is turned on, tapping the A/C control buttons in the Dock bar will display a small window, allowing you to control the A/C in small-window mode.

When the switch is turned off, tapping the A/C control buttons will open the full screen air conditioning interface, where you can perform all A/C operations.

In AC quick bar mode, swipe up on the bottom of A/C area to switch to the full screen air conditioning interface.

AC Auto Mode

When the set temperature is not set to LO or HI, the AC auto mode function can be activated by selecting the one of the following level options: soft, comfortable or strong. The air blower speed of the air conditioner will change accordingly.

AC Screen Timeout*

When the air conditioning interface is not being operated, the system will exit the air conditioning interface according to the set timeout. Select one of the following to adjust the screen's set timeout: 5 seconds, 10 seconds or 15 seconds.

Air Monitoring System*



1- G-Clean button

Touch G-Clean button to automatically turn on the air purification function and automatically switch the internal and external air circulation according to the quality of outside air. This will isolate the polluted outside air.

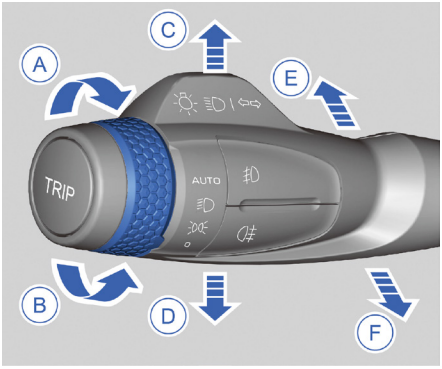
G-Clean function will automatically activate about 5 minutes initially once engine and air conditioner is turned ON.

When turned on G-Clean button, the air conditioner will automatically turn on the ION function. ◀

Lamp

Light Combination Switch

Operations of Light Control Switch



Position Lamp

Turn the light control switch in direction **B** till the mark ▬ points to ≡D position. Both position lamps and the interior backlight will illuminate. For some models, the brightness of the interior backlight can be adjusted in the multimedia settings.

Turn the light control switch in direction **A** till the mark ▬ points to O position. Both position lamps and interior backlight will turn off.

Low Beam Lamp

Turn the light control switch in direction **B** till the mark ▬ points to the ≡D position. The low beam lamps will turn on.

Turn the light control switch in direction **A** till the mark ▬ points to the position O or ≡D. The low beam lamps will turn off.

High Beam Lamp

While the low beam lamp is on, push the light switch lever to the endmost position in direction **E** to turn on the high beam lamps.

Push the light switch lever in direction **E** again to the endmost position to turn off the high beam lamps.

High Beam Lamp Flashing

Each time the light switch lever is pulled in direction F to the endmost position, the high beam lamps will flash. Once the light switch lever is release, the high beam lamps will automatically turn off; Repeat the operation to flash high beam lamps.

Headlamp Automatic Lighting*

Turn the light control switch in **A** direction till the switch mark ▬ points to **AUTO**. The automatic lighting function will be activated. The automatic light system automatically turns headlamps on and off based on external light intensity; in which automatically control the position lamp and the low beam lamp.

This system has manual control priority function in automatic mode; the system will exit automatic lighting mode if there is light signal input. ◀

Turn Signals Lamp

Move the light switch lever in direction **C** or **D** to the endmost position. The right or left turn signal lamp will flash. After complete making a turn, the light switch lever will automatically return to its park position and the turn signal lamp will be off.

Lane Changing Function

Move the light switch lever in direction **C** or **D** and release it to let the light switch

lever automatically return to its park position. The right or left turn signal lamp will automatically flash few times and then turn off.

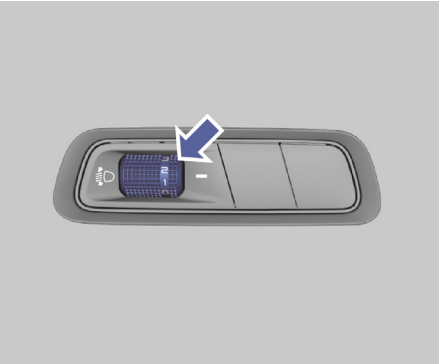
Front Fog Lamp

While the low beam lamps is on, press the front fog lamp control switch to turn on the front fog lamps. Press the front fog lamp control switch again to turn off the front fog lamp.

Rear Fog Lamp

While the low beam lamps is on, press the rear fog lamp control switch to turn on the rear fog lamps. Press the fog lamp control switch again to turn off the rear fog lamp.

Headlamp Leveling



According to the number of occupants and the load of the vehicle, turn the headlamp height adjustment switch up and down to adjust the headlamp beam height.

The knob has four positions: 0, 1, 2 and 3. Please set the position of the knob as per the load condition:

0 : Only driver seat is occupied.

0 or 1 : Only the driver seat and front passenger seat are occupied.

2 : All seats are occupied.

3 : Only the driver seat is occupied, and the luggage compartment is under full load (not exceeding the permissible load of the rear axle)

While adjusting the level of headlamp beam height, adjust the level to a level that will not dazzle or blinding the eyes of oncoming road user. ◀

Daytime Running Lamp (DRL)

DRL ON

After the vehicle is started and the low beam lamp is off, the daytime running light will turn on.

DRL OFF

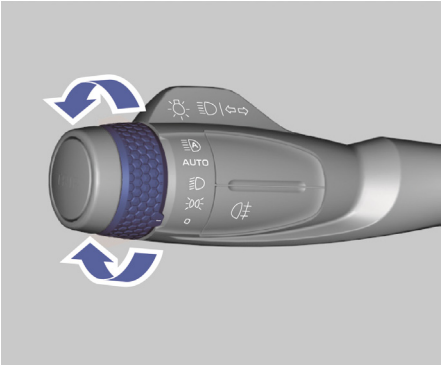
The daytime running light automatically turns off in case of the following situations:

- Vehicle engine stalls / turn off
- Low beam lamps are on
- High beam lamps are on

For the configuration where the daytime running light is integrated inside the headlamp, when a turn signal lamp is working, the daytime running light will temporarily turn off. ◀

Follow Me Home*

Enabling Follow Me Home Function



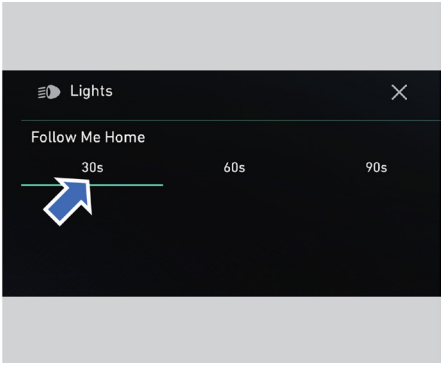
Within a few minutes after the ignition switch is set to **OFF** position, immediately turn the light control switch from the O position to other positions (position lamp, low beam lamp or **AUTO**). Then, immediately turn light control switch to the O position again to activate the Follow Me Home function. The low beam and position lamps will turn on for certain time before it turns off back.

Disabling Follow Me Home Function

Follow Me Home function will be off if any of the following conditions is met:

- The ignition switch is not in OFF position.
- Function timeout.
- High beam lamp is turned on or being flashed.
- The light control switch is not in O position.

Follow Me Home Time Setting



By default, the Follow Me Home function is turned on. Its activation duration can be changed in the multimedia settings.

Click the following on the multimedia display screen in sequence:

Vehicle Settings* → *Vehicle* → *Lights,

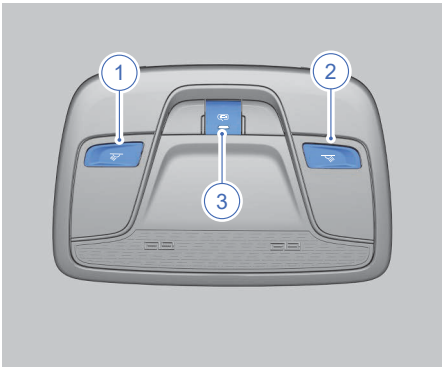
Then select the setting time of Follow Me Home in this interface between 30s, 60s or 90s.

When Follow Me Home is activated, the timer for its activation will follow the preset timing above.

Before the end of this timer setting, if any door (including tailgate) is opened again after all doors are closed, the timer will be reset or recount back to the start of preset time.

Interior Lighting

Front Interior Lamp



1. Left interior lamp switch
2. Right interior lamp switch
3. Interior lamp door-control switch

Press the front interior lamp switch to turn on or off the corresponding interior lamp.

Avoid using the front interior lamps when driving at night. Bright lights may affect driver's safe driving and cause traffic accidents. ◀

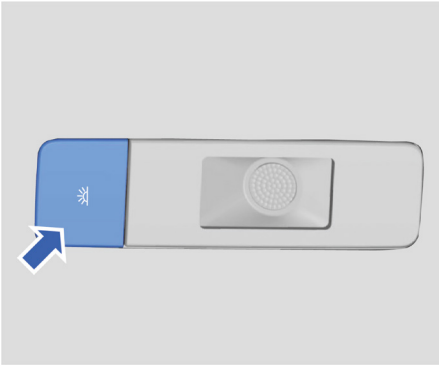
Door-control Function of Interior Lamp

The interior lamp door-control function is set to ON by default. Both left and right interior lamps will turn on when any door is opened or ajar.

Press the Interior lamp door-control switch to turn off this function.

When using the door-control switch to turn on the left and right interior lamp, the corresponding lamps cannot be turned off by pressing the left or right interior lamp switch. ◀

Rear Interior Lamp

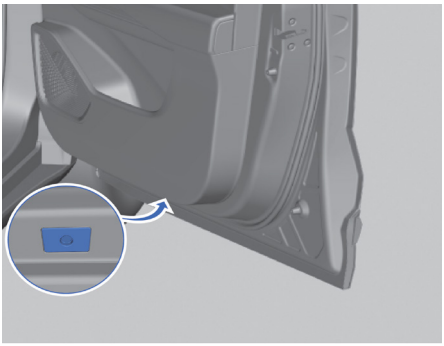


Press the rear interior lamp switch of the corresponding side. The corresponding rear interior lamp will turn on or off.

If the rear interior lamp switch is in ON position, please turn off the interior lamp before leaving the vehicle to avoid the battery from draining. ◀

Exterior Lighting

Courtesy Light



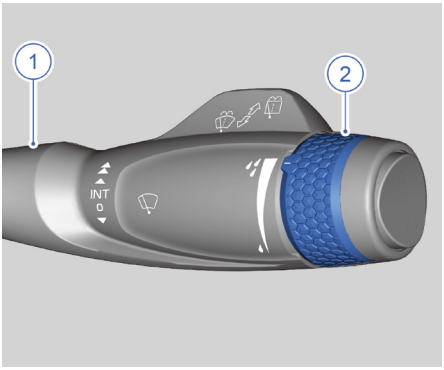
Carry a valid intelligent key when approaching the vehicle, then open the door.

The courtesy light (welcome light) will illuminate.

Wiper

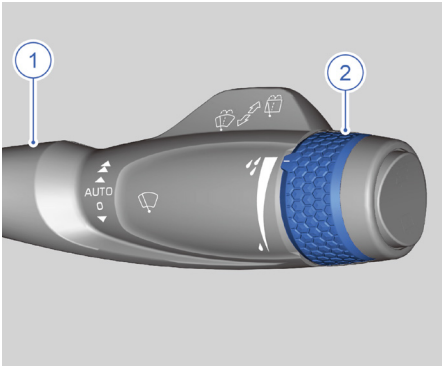
Wiper Combination Switch

Type 1



1. Wiper speed control lever
2. Intermittent speed adjusting switch

Type 2

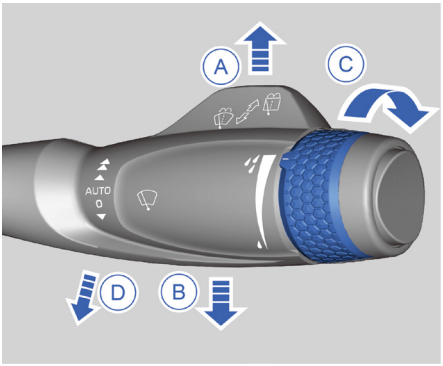


1. Wiper speed control lever
2. Automatic wiper sensitivity adjustment switch

When the front windshield is dry, do not operate the wipers. Otherwise, the wipers may scratch the front windshield and this will affect service life of the wiper blades. ◀

If there is a dust or sandstone on the front windshield, only operate the wipers after cleaning the dirt first. Otherwise, the wipers will scratch the front windshield and affect service life of wiper blades. ◀

Front Wiper Operations



Inching Wiping

Move the wiper control lever in direction **B** to ▼ position and immediately release the wiper lever. The wiper lever will automatically return to O position and the wiper will wipe once.

Turning off the Wiper

When the wiper control lever is at O position, the wiper is off.

Intermittent Wiping

Move the wiper control lever in direction **A** to **INT** position. The wiper will wipe intermittently.

The wiper speed can be adjusted by rotating the wiper intermittent speed adjustment switch. When the scale bar pointed by the mark ▬ narrows down

(in direction **C**), it indicates that the wiper speed slows down.

Automatic Wiping*

Move the wiper control lever in direction **A** to **AUTO** position. The front wiper will wipe automatically. The wiping speed is automatically adjusted by the wiper control system as per rainfall.

The sensitivity of wiper system to rainfall can be adjusted by rotating the automatic wiper sensitivity adjustment switch. When the scale bar pointed by the mark ▬ narrows down (in direction **C**), it indicates that the sensitivity of the wiper system to rainfall becomes less.

Low-speed Wiping

Move the wiper control lever in direction **A** to Low Speed ▲ position. The wiper will wipe at low speed.

High-speed Wiping

Move the wiper control lever in direction **A** to High Speed ▲▲ position. The wiper will wipe at high speed.

Washing the Front Windshield

Move the wiper control lever in direction **D**. The wipers will wipe while the front windshield washer sprays water.

When the wiper control lever is released, the washer will stop spraying and once the cleaning is over, the wipers continue to wipe 3 cycles and perform one-cycle wiping after an interval of 5 seconds.

Wiper Speed Deceleration during Parking*



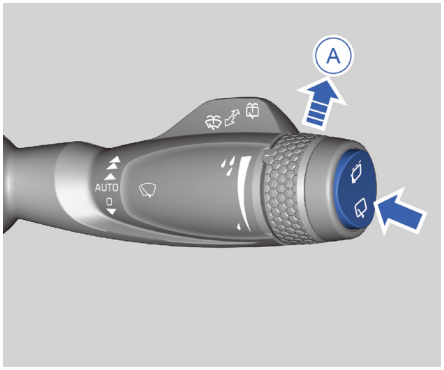
Click the following on the multimedia display screen in sequence:

Vehicle Settings* → *Vehicle* → *Wiper,

In this interface, turn on or off the front wiper speed control function.

When this function is enabled, while the front wiper is in operating position, when this vehicle is stopped and parked temporarily, the wiper speed of the operating wiper will be reduced automatically.

Rear Wiper Operations



Rear Wiper Wiping

Press . The rear wiper will intermittently wipe. Press . The rear wiper will continuously wipe.

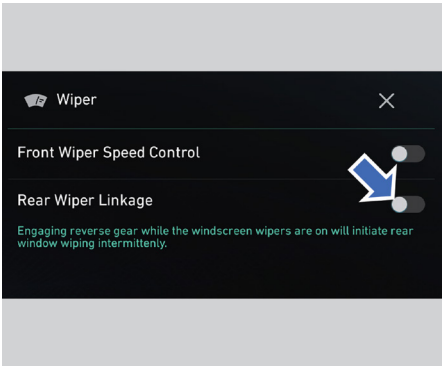
If the button is set to the center position, the rear wiper will stop wiping.

Washing the Rear Windshield

Move the wiper control lever in direction **A**. The rear wiper will wipe while the rear windshield washer sprays water.

When the wiper control lever is released, the washer will stop spraying water, and the wiper will return to the original position after several wipes.

Rear Wiper Linkage Function



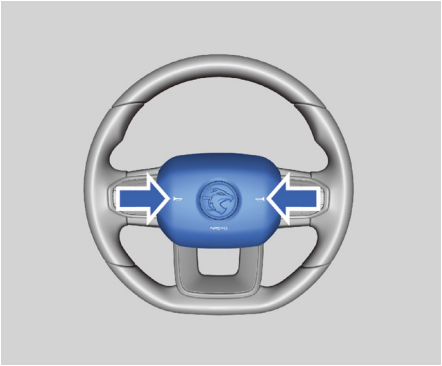
Click the following on the multimedia display screen in sequence:
Vehicle Settings → Vehicle → Wiper,

In this interface, turn on or off the rear wiper linkage function.

When this function is enabled and the front wipers are operating (low or high speed), shifting the gear lever to the Reverse (R) position will automatically activate the rear wiper in continuous wiping mode.

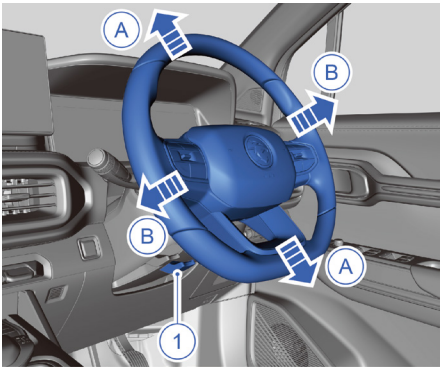
Steering Wheel

Horn



Press the horn pad area (as shown in the illustration) on the steering wheel to activate the horn sound.

Steering Wheel Adjustment



1- Steering wheel locking lever

Do not adjust the position of the steering wheel while driving. Otherwise, personal injury and property damage may be caused. ◀

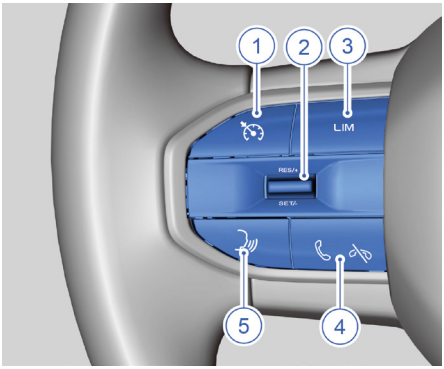
Follow these steps to adjust the steering wheel to a suitable position:

1. Adjust the driver's seat to a proper driving position.
2. Turn the steering wheel to a front straight-line driving position.
3. Fully release the steering wheel locking lever.
4. Use both hands to hold firmly the steering wheel and adjust back/forth (direction B), up/down (direction A) to the optimal position.
5. After adjusting the steering wheel to a proper position, fully fold the steering wheel locking lever to lock steering wheel in the new position.

After adjusting the steering wheel position, please make sure the steering wheel is relocked properly. Otherwise, personal injury and property damage may be caused. ◀

Steering Wheel Buttons

Left Control Buttons (Cruise Control Button)



1- Cruise button

Press the button briefly to turn on or off the auto cruise system.

2- Speed adjustment and setting button

In vehicle speed limit mode, it is used for speed limit adjustment;

In cruise control mode, it is used for cruising speed adjustment;

- Push this button upward (towards RES/+) to restore the original cruising speed or increase the cruising speed.
- Push this button downward (towards SET/-) to set the current vehicle speed as the cruising speed or reduce the cruising speed.

3- LIM button

Press this button to enable the active speed limiting function. Set the speed using the speed adjustment and setting button.

The speed limits range of LIM system is 30 ~ 200 km/h.

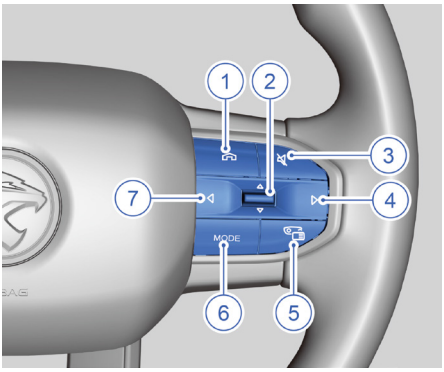
4- Call button

Press the button briefly to answer or to end the Bluetooth call. Press and hold this button to reject a call.

5- Voice button*

Press this button to activate the voice recognition function or speech recognition mode for Bluetooth call (if equipped).

Right Control Buttons (Multi-control Function Button)



1- Home button

Press the button briefly to return to the main multimedia interface.

2- Volume adjustment button

Move this button up and down to adjust the sound volume.

Press this button to confirm menu selection.

3- Mute button

Short press this button to switch to the mute mode.

Press this button briefly again to exit the mute mode.

4- Right button

Press this button to jump to the next valid radio station in the radio mode;

Press this button to play the next file in the multimedia mode.

5- Mode switch button

Short press this button to switch the control of the multi-control function buttons on the steering wheel to the meter instrument mode.

When the meter instrument main menu is opened, the control of the multi-control function buttons is on the meter instrument.

When the meter instrument main menu is closed, the control of the multi-control function button is on the multimedia unit.

6- MODE button

Short press this button to switch the sound or audio source.

7- Left button

Short press this button to jump to the previous valid radio station in the radio mode and play the previous file in the multimedia mode.

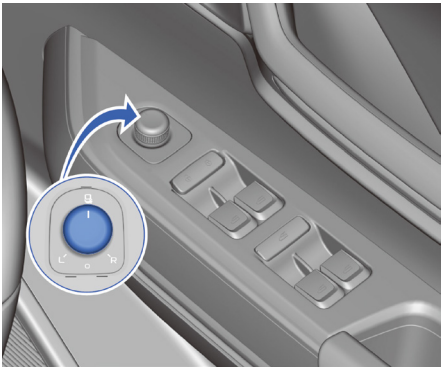
Rearview Mirrors

Exterior Rearview Mirror (Side Mirror)

Do not adjust the side mirror (exterior rearview mirror or door mirror) while driving. Otherwise, personal injury and property damage may be caused.
Make sure to unfold the side mirrors and adjust them properly before driving. ◀

When the side mirror is frozen, do not operate the adjustment switch of the side mirror or scrape the ice on the side mirror with a sharp tool. Instead, use the sprayer or deicer to remove the ice on the surface of side mirror.
Do not touch the side mirrors during adjustment in progress to avoid personal injury. ◀

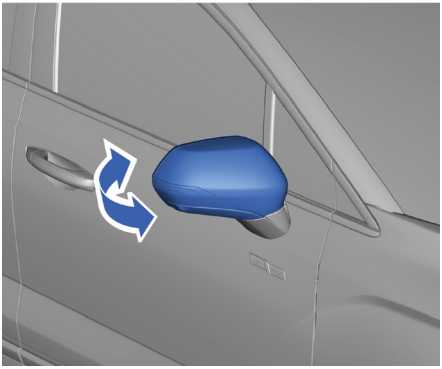
Adjustment of the Side Mirror



The side mirror adjustment switch is on the trim panel of the driver's side door.

1. When the ignition switch is in ACC or ON position, rotate side mirror adjustment switch and set the mark ▬ on the switch to **L** (left) or **R** (right) to select the left or right side mirror.
2. Move the side mirror adjustment switch to adjust the angle of side mirror glass.
3. After adjustment, reset the side mirror adjustment switch to initial **O** position.

Folding of the Side Mirror



Electric Folding Side Mirrors*



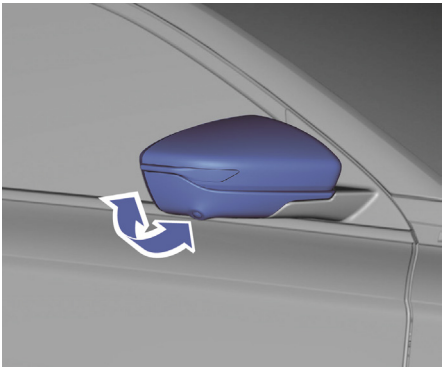
When the ignition switch is in ACC or ON position:

1. Rotate the side mirror adjustment switch until the mark ▬ points to position. The side mirror will fold.

2. Rotate the side mirror adjustment switch until the mark ▬ points to other position to unfold the side mirror.

Excessively repeating the folding and unfolding of the side mirror at the same time may result in temporary failure of the electric folding function. ◀

Manual Folding of the Side Mirrors*

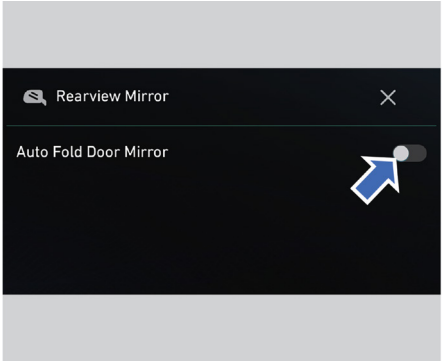


Manually push the side mirror inward or outward to fold and unfold it (only for vehicle that is not equipped with electric fold side mirror).

Auto Unfolding Function of the Side Mirrors*

When the side mirrors are folded, if the vehicle speed is greater than or equal to 50 km/h, the side mirrors will automatically unfold.

Auto Fold Side Mirror Function after Vehicle Locking*



On the multimedia display, select in sequence:
Vehicle Settings → Vehicle → Rearview Mirror,

The auto fold door mirror (side mirror) function can be turned on or off in this interface.

When the side mirror adjustment switch is in the unfolded position and the side mirror is in the folded condition triggered by the locking action of the vehicle, the side mirror will automatically unfold when the vehicle is unlocked or when the engine is started.

When the side mirror adjustment switch is at the unfolded position and the side mirror is in the unfolded condition, the side mirror will automatically fold after the vehicle is locked.

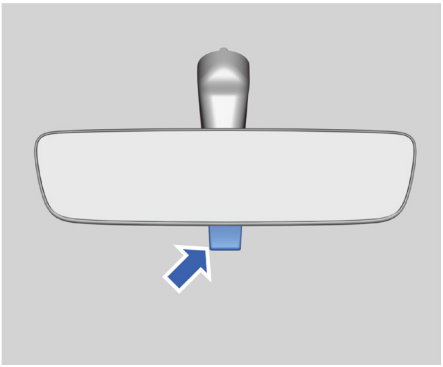
Interior Rearview Mirror

Adjustment of Interior Rearview Mirrors

Adjust the angle of the interior rearview mirror by turning it to the position you required.

Do not adjust the interior rearview mirror while driving. Otherwise, severe injury or property damage may caused. ◀

Manually Dimming the Interior Rearview Mirror



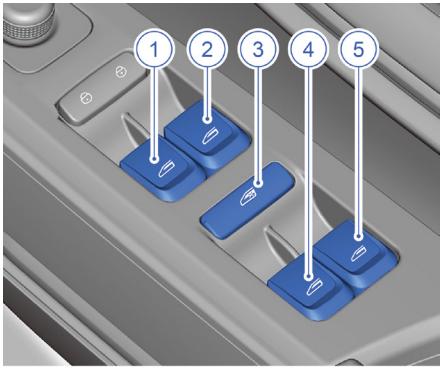
Push forward the bottom lever of the interior rearview mirror to change the angle view for dimming purpose.

Pull back the bottom lever of the interior rearview mirror to change the angle view to normal driving position.

Window

Power Window

- Do not lock the door and leave children, incapacitated adults or pets in the vehicle with closed windows. A personal injury or fatal may cause due to the rising of high temperature and the inability to open the doors and windows.
- Do not attempt to test the anti-pinch function with your body parts. Otherwise, it may cause personal injury or fatal.
- The anti-pinch function may not work when the window is about to close completely (top glass is less than 4mm from the window frame). ◀



1. Left front window switch
2. Right front window switch
3. Window lock switch
4. Left rear window switch
5. Right rear window switch

Manual Operation

Open: press down and hold the window switch to open the corresponding window.

Close: pull up and hold the window switch to close the corresponding window.

Automatic Operation*

Press down or pull up completely the window switch and then release it to automatically open or close the window.

While the window is automatically opening or closing, ff the window switch is pressed or pulled up again, the window will stop opening or closing.

Remote Opening and Closing the Windows*

When the ignition switch is in OFF, the tailgate and all doors are closed:

- Press and hold the unlock button on the intelligent key will open all door windows and sunroof glass (if fitted) at the same time.
- Press and hold the lock button on the intelligent key will close all door windows and sunroof glass (if fitted) at the same time.

Window Lock Switch

Press the window lock switch to enable the window locking function. The window lock switch indicator will illuminate and the window switches at the front passenger door and rear doors will be disabled.

The front passenger window and the rear windows can still be opened or closed only by using the driver window switches.

Press the window lock switch again. The window lock switch indicator will turn off indicating that the window lock function has been turned off.

Automatic Window Closing While Vehicle Locking*

When the Automatic Window Closing while Vehicle Locking function in the multimedia settings is enabled, with the ignition switch is in OFF position, all doors are closed and the tailgate are closed, press the lock button on the intelligent key.

If there is any door windows or sunroof glass (if fitted) is still open, it will be closed automatically.

Over-temperature Protection

If the power window control switch is being operated repeatedly in a short time, the switches will be temporarily disabled due to the protection of the motor service life. Wait for a while to resume the power window operation.

If the waiting time for automatic recovery takes long time and you need to operate the power window control switches immediately, you can power off and restart the vehicle to operate the power window control switches again. ◀

Anti-pinch Function*

During the automatic closing operation of the window, if an object is caught between the glass and the window frame, the window closing operation will automatically stop and return to the initial condition.

If the window is severely impacted, this function may work even if no objects are caught. If the anti-pinch function of the power windows does not work properly, an adaptive-learning of the power windows must be performed.

Adaptive-learning of the Power Window

If the vehicle's battery is disconnected or flat, replace with a new battery. Then, the power windows will need to re-learn the automatic and anti-pinch function.

Before starting the adaptive-learning porcess, make sure the vehicle's battery is fully charged and in good condition. ◀

The adaptive-learning steps are as follows:

1. Gently pull up and hold the corresponding power window control switch until the window glass has fully closed;
2. After the window glass reaches the top position and the window is closed, gently pull up and hold the power window control switch again for more than 2 seconds before releasing it;
3. Press down and hold the power window control switch until the window glass has fully opened;
4. After the window is fully open, gently press down and hold the power window control switch again for more than 2 seconds before releasing it.

Complete the rise and fall of other wondow glasses again to complete the adaptive-learning process.

Now, the adaptive-learning process has ended. If you release the window switch while the window is moving during the adaptive-learning process, you need to restart from step 1.

If the power window still does not work normally after the above operations, go to an authorised PROTON service outlet for troubleshooting. ◀

Delay Operation Function

When the ignition switch is in OFF position, and if the following three conditions are met, the operation of the window can be maintained through the window switches.

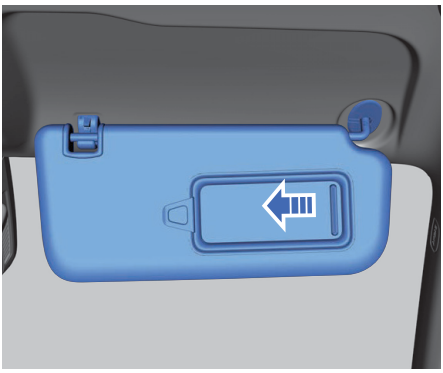
1. The vehicle power is switched to OFF within 60 seconds.
2. Left and right front doors are not opened;
3. The vehicle is unlocked or locked without operating the intelligent key.

Sun Visor

Sun Visor and Vanity Mirror

Turn down the sun visor or pull it out of the bracket and rotate it towards the door to prevent glare.

Type 1



The vanity mirror is integrated with the sun visor. Slide the mirror cover plate left or right to use it.

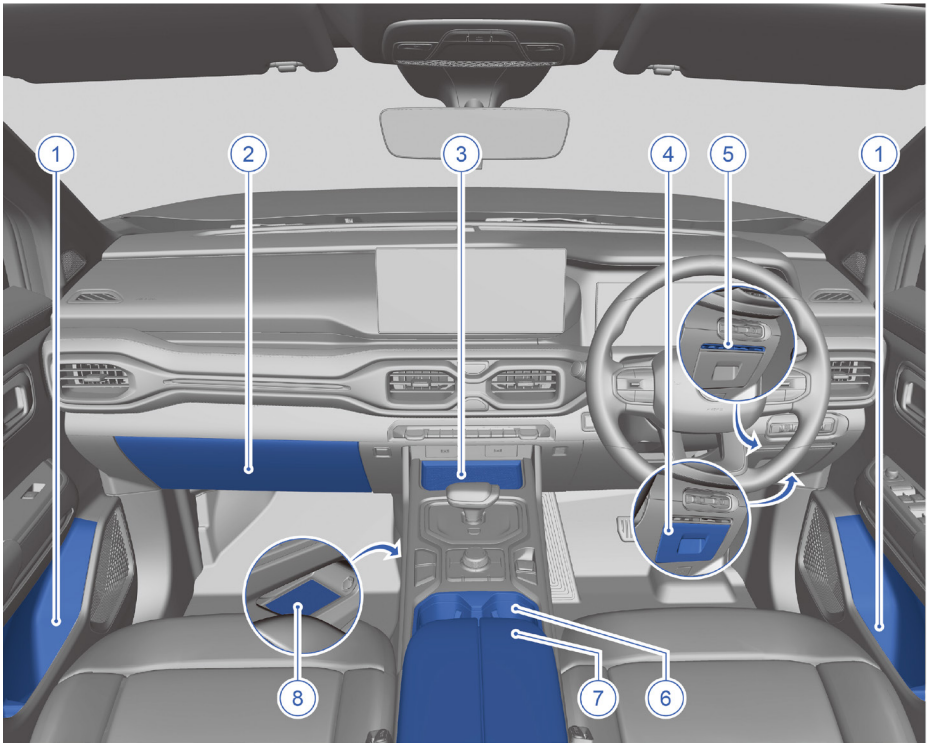
Type 2



The vanity mirror is integrated with the sun visor. Flip up the mirror cover to use it.

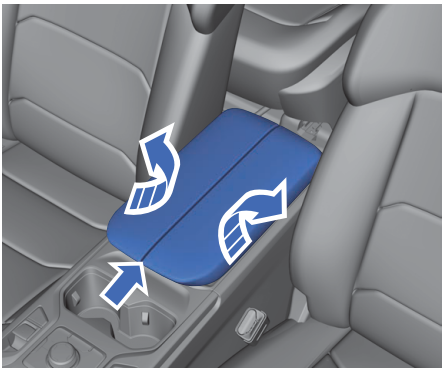
Storage Compartment

Front Storage Compartment



1. Door storage compartment
2. Glove box
3. Front storage compartment (at front center console)
4. Driver side storage compartment
5. Card slot at instrument panel
6. Front cup holder
7. Front centre armrest
8. Lower storage compartment (below front center console)

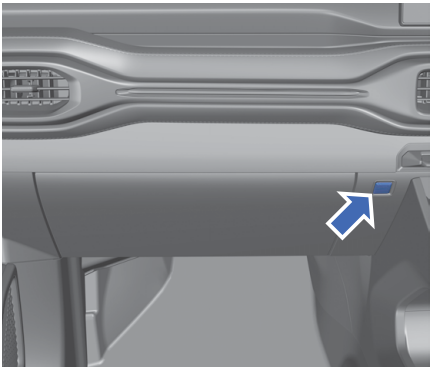
Storage Compartment in Front Center Armrest



A storage compartment is located in the front center armrest. Press the open button (at the front end of the armrest) to open the front centre armrest cover and access the storage compartment.

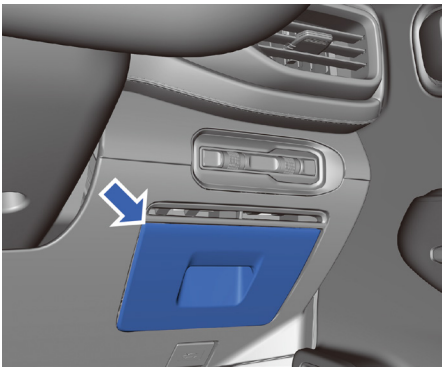
Do not open the storage compartment under the center armrest while driving to avoid injury. ◀

Glove Box



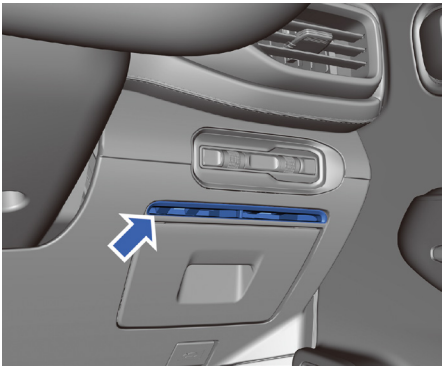
The glove box button is located on the right side of the glove box. Press this button to open the glove box. Push forward the glove box cover to close it.

Driver Side Storage Compartment



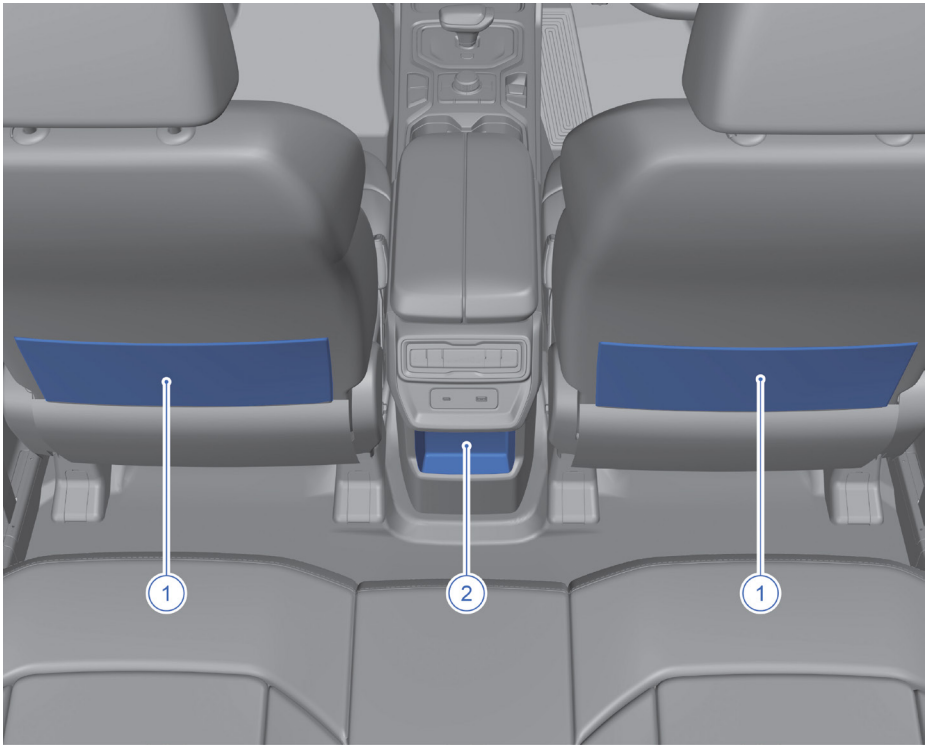
A storage compartment is located at the driver side for convenient storage of smaller items. Pull the storage compartment's cover to open it.

Card Slot at Instrument Panel



The instrument panel card slot is located at the lower right side of the instrument panel, where cards can be placed.

Rear Storage Compartment

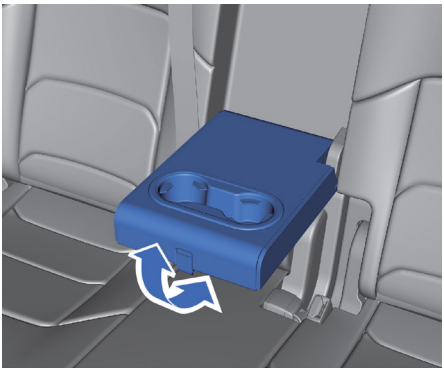


1. Seatback pocket
2. Rear storage compartment

The seatback pockets are located on the back of front seats and are used to store small light objects such as newspapers, maps, magazine, books and etc.

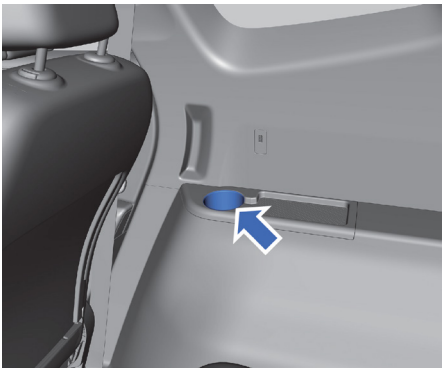
Do not store heavy or sharp objects in the seatback pocket to avoid damage to the storage compartment or seat cover. ◀

Middle Row Centre Armrest*



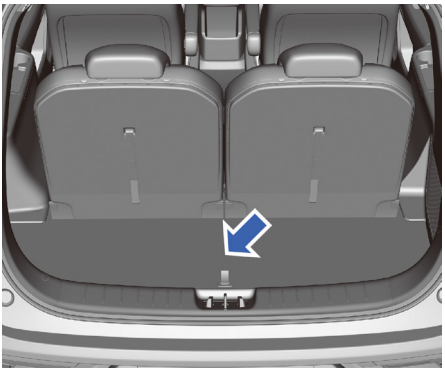
The middle row center armrest which is fitted with cup holders is in the middle of the middle row seat's seatback. Unfold it downward to open and use it.

Rear Row Cup Holder



There is a cup holder on the side trim panel of rear row seats for placing a cup or water bottle.

Luggage Compartment



The luggage compartment lamp (if fitted) turns on automatically when the tailgate is opened. When the rear seats are folded down, the luggage compartment can accommodate larger or longer items.

Do not put pets in the luggage compartment. ◀

After loading, if the weight of the cargo exceeds the vehicle's loading capacity or if the weight distribution becomes uneven, the vehicle's drivability may be seriously affected and driving safety may be reduced.

In the event of a traffic accident or emergency braking, unsecured items may move inside the vehicle.

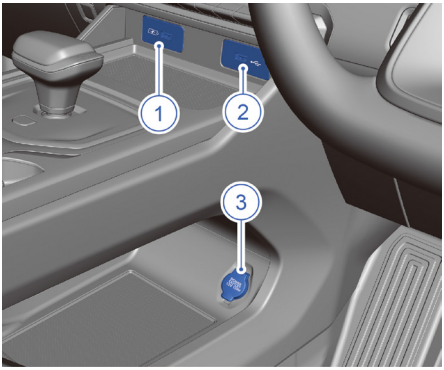
Place loaded items as low and as far forward as possible, and position them close to the upright rear seatback.

When loading taller or larger items, ensure that the load does not exceed the height of the seatback or the luggage compartment. Secure all items properly in the vehicle to ensure safe driving. ◀

In-vehicle Power Supply

Wired Charging

Front Charging Slots



The USB charging slot is used to charge mobile devices and USB multimedia slot can be used for data transmission and charging.

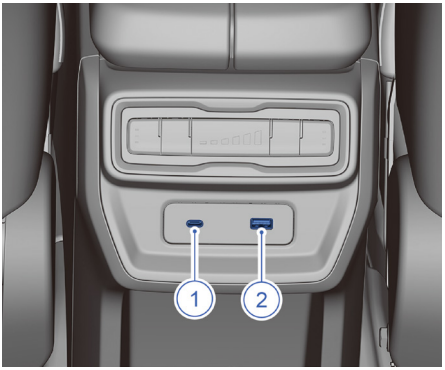
The power socket can be used to connect electrical devices with a maximum limit of 120W.

1. Type-C charging slot
   Type-C charging slot can be used to charge mobile devices.
2. USB multimedia slot
   USB multimedia slot has a data transmission and charging function.
3. 12V power socket
   The 12V power socket can be used to connect electrical devices with a maximum limit of 120 W.

It is recommended to select other than the USB multimedia slot for charging due to its slow charging characteristic. ◀

Rear Charging Slots

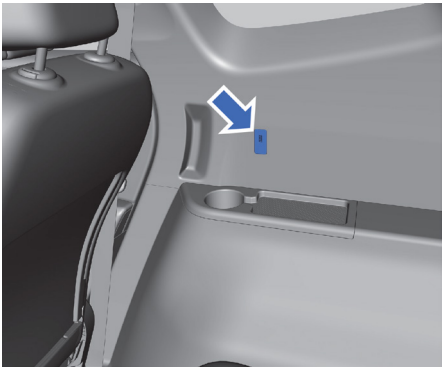
Middle Row Charging Slots



1. Type-C charging slot
   Type-C charging slot can used to charge mobile devices.
2. USB multimedia slot
   USB multimedia slot has charging function.

- Do not connect high-power rated electrical appliances to the power interface (in-vehicle charging slots). Otherwise, the corresponding fuse may easily blown.
- Do not use the power interface in parallel or in series with any other power supply.
- Do not modify or repair these in-vehicle power supplies by yourself or by unauthorised technicians. ◀

Rear Row Charging Slots



There is a USB charging slot on the trim panel at the side of rear row (third row) seat. It can be used for charging the mobile devices.

Do not connect high-power rated electrical appliances to the USB charging slot. ◀

Seat Belt

Overview of Seat Belt

When the vehicle is running, all passengers should wear seat belts properly. In case of emergency braking or an accident, a proper wear of seat belts can reduce the severity of injury to the passengers.

- Failure to wear seat belt or improper wear of seat belt may cause serious injury and fatality!
- No passenger should sit on the area without seat and seat belt or on a seat with damaged seat belt.
- Each seat belt can only be used by one person. Do not share a seat belt with more than one person (including children).
- Do not hang the shoulder belt on the neck or pass through the armpit.
- Do not remove, disassemble or modify the seat belt.
- The seat belt in the vehicle is mainly designed according to the body shape of adults. Children should be sitted in appropriate child restraint systems.
- Do not clean the seat belt with bleach, dyes or chemical solvents. ◀

Wearing the Seat Belt Properly

When driving, do not tilt the seatback too much, stretch your head or arm out of the window or lean forward too close to the airbag to avoid serious injury. ◀



- The seatback shall be positioned upstraight and body back should fully cling to seatback.
- The seat belt should be flat and not twisted.
- The shoulder belt should be fastened across shoulder and chest.
- The lap belt should be as low as possible and cling to hips.

Wearing Seat Belt for Pregnant Woman

Before a pregnant woman drives a vehicle, consult a doctor to see if she can drive the vehicle. The method for pregnant women to wear seat belts is basically the same as that for normal use, but the following matters should be noted:

1. Lower the waist seat belt as much as possible and place it under the bulging abdomen.
2. The shoulder belt should pass over the shoulder and avoid the abdomen so that it is placed on the chest.

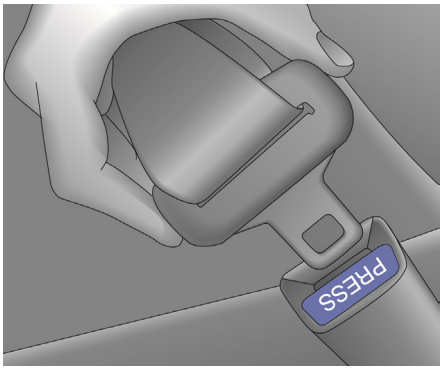
If the pregnant woman uses the seat belt incorrectly, the seat belt may

cause serious injury to the mother and fetus in case of emergency braking or collision. ◀

Three-point Seat Belt

1. Pick up the latch plate and pull the seat belt across your body. Do not twist the seat belt.

   The three-point seat belt may be locked when being pulled across your body too fast. If this occurs, release and retract it a bit to unlock it. Then, pull the seat belt slowly across your body.

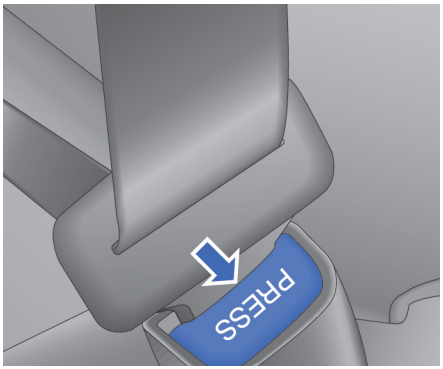


2. Press the latch plate into the buckle until a “click” sound is heard.

   Pull the latch plate to ensure it is locked. Confirm the position of the release button on the buckle for easy unfastening the seat belt later on.

   If equipped with a shoulder belt height adjuster, move it to the appropriate height.

3. The lap belt can be tightened if the shoulder belt is pulled up.



4. To unfasten the seat belt, press red button on the buckle. The seat belt should return to its storing position.

Avoid foreign objects such as food scraps, nut shells, buttons, coins, viscous liquid from falling into the seat belt‘s buckle. Otherwise, the seat belt unfastened reminder function and the buckle lock will not work properly. ◀

Do not insert foreign objects into the buckle. Otherwise, the buckle will not work properly, reduce the effectiveness of the seat belt protection and may cause serious injury or fatality. ◀

When unfastening the seat belt, make sure to hold and return the latch plate and the seat belt properly to its storing position. Do not let the seat belt retracts too fast or let the seat belt loose freely to prevent from damaging the interior area. ◀

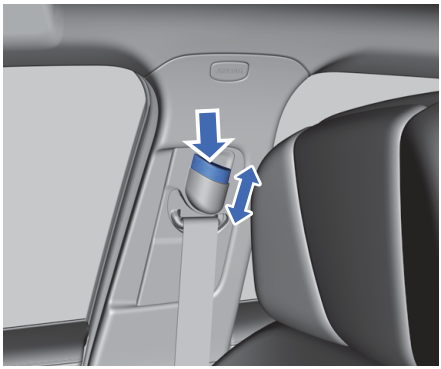
Before closing the door, make sure the seat belt is not trapped by the door. Otherwise, the seat belts and doors will be damaged. ◀

Shoulder Belt Height Adjuster

This vehicle is equipped with a shoulder belt height adjuster for the driver and front passenger seats.

Adjust the shoulder belt height so that the belt runs across the middle of the shoulder. The seat belt should be positioned away from the face and neck, and it should not slip off the shoulder.

Improper adjustment of the shoulder belt height may reduce the effectiveness of the seat belt in the event of a collision.



Press the button as shown above and move the height adjuster to the suitable position. To raise the adjuster, press the button and push the slider trim panel upward.

After adjusting it to the required position, try to move the height adjuster downward without pressing the release button to ensure that it is securely locked in place.

Seat Belt Pretensioner

The seat belt is equipped with a pretensioner. In the event of a vehicle collision, the pretensioner tightens the seat belt to help protect the passenger.

The pretensioner is designed for one-time use only.

After a collision, it is necessary to contact the PROTON service outlet to replace the pretensioner and it may be necessary to replace other parts of the seat belt system.

Seat Belt Unfastened Warning

Type 1



Type 2



Driver Seat Belt Unfastened Warning

When the driver seat belt is not fastened, the seat belt symbol for driver position will illuminate in red at the meter instrument display (notification display area).



The seat belt warning lamp indicator will also turn on in meter instrument.

Front Passenger Seat Belt Unfastened Warning

When the front passenger seat is occupied and the seat belt is not fastened, the seat belt symbol for front passenger position will illuminate in red at the meter instrument display.



The seat belt warning lamp indicator will also turn on in meter instrument.

Rear Passenger Seat Belt Unfastened Warning

If the rear seats are not equipped with passenger detection sensors, the vehicle can detect whether the rear or middle seat belts are fastened, but it cannot tell if a passenger is present.

When the vehicle is started, if any rear seat belt is unfastened, a temporary 62-second reminder will appear. During this time, the corresponding seat belt symbol and the seat belt warning lamp indicator will illuminate on the meter instrument. After 62 seconds, both symbol and indicator will turn off.

If a middle row or rear row seat belt remains unfastened while the vehicle is driving at speeds above 10 km/h, the seat belt warning lamp indicator will flash and a warning tone will sound until the seat belt is properly fastened.

This ensures safety by reminding passengers to buckle up, even if the car cannot detect whether someone is sitting in the seat.

Seat Belt Unfastened Warning Lamp and Buzzer

1. When the ignition is not in the OFF position or the engine is turned off, the seat belt warning will not be triggered, regardless of whether the seat belts are buckled.
2. When the ignition is ON or the engine is running, if the driver or front passenger seat belt is not fastened, the seat belt warning lamp will illuminate until the seat belt is buckled. Once the buzzer is activated, the corresponding warning lamp will flash in sync with the sound.
3. If the buzzer has not been activated, and the vehicle reaches a speed of 25 km/h or more, the buzzer will sound if the driver or passenger seat belt is unfastened, or if a previously fastened seat belt is unbuckled. The buzzer will continue until the seat belt is fastened or 120 seconds have passed. The buzzer duration is not affected by changes in speed.
4. If the vehicle slows below 10 km/h and then accelerates back to 25 km/h or more, the seat belt warning will be reactivated.

5. If the buzzer is already active and the driver or passenger seat belt becomes unfastened again under the warning conditions, the buzzer will reactivate, and the 120 second timing starts from the second activation.
6. When the gear is shifted to Drive (D), if the driver or passenger seat belt is unfastened and the vehicle speed exceeds 10 km/h, the buzzer will sound until the seat belt is fastened or 120 seconds have passed.
7. The alarm sound can be canceled in any of the following situations:
   - Shift the gearshift lever into Reverse (R) position;
   - Vehicle speed is 0 km/h;
   - Fasten the seatbelt.

A proper wear of seat belt can reduce the risk of injury in case of emergency braking and during traffic accidents.

Therefore, all passengers should always wear seat belts correctly when driving. ◀

Please pay attention to the illuminated warning lamp. Otherwise, serious personal injury and property damage will be caused. ◀

Airbag

Airbag Overview

Airbag is an integral part of the passive safety system, which can never replace seat belts. Otherwise, when the accident happens, the airbag will not effectively play its protective role. If you do not fasten seat belt, the fast inflation and deployment of airbags will cause a more serious injury. Therefore, all the passengers inside the vehicle must fasten seat belts when the vehicle is running.

Influenced by the collision's position, angle, degree and property of the objects collided, airbags may not be deployed in all accidents. The airbag can cause great impact when it is unfolded. Therefore, the driver and the front passenger should adjust the distance between the seat and the front airbag, ensure that there is a sufficient safety distance. Fasten the seat belt to avoid serious casualties. ◀

Ensure there is no barrier blocking the space for airbags to deploy. Do not put anything between passengers and airbags. If any barriers are between passengers and airbags, the airbags may be unable to be inflated normally, or the barrier may be squeezed into human body when the airbags are deployed, resulting in severe casualties.

After the airbag is unfolded, do not touch it to avoid scalding. When the airbag is deployed, some gas and dust will be released, which may irritate the skin and eyes. Please go to hospital for treatment if you feel uncomfortable. ◀

Do not maintain, repair, remove or replace any part of airbag system by yourself. Otherwise, the system may not work normally, causing serious casualties. The airbag system can only serve protective once. If the airbag has been deployed, it must be replaced at an authorised PROTON service outlet immediately. ◀

Due to the considerable speed and impact force when the airbag is unfolded, do not let infants and children or hold them on the front seat with airbag to avoid serious casualties. ◀

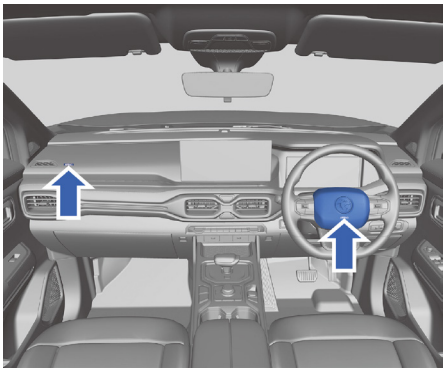
Locations of Airbags

Front Airbag

In case of frontal impact, front airbags can effectively protect passengers from being injured head-on.

When the vehicle suffers from moderate to severe front impact or nearly front impact which reaches the triggering condition of the system, the airbag will be inflated with gas so as to buffer the forward charging speed of driver and front passenger, and prevent the driver and front passenger from hitting on the steering wheel and instrument panel directly.

An airbag is mounted in the center of steering wheel and the other in the instrument panel above the glove box, respectively, marked with “AIRBAG”.



Inflation and deflation of airbags are completed within a very short period of time so that airbags will not have protective effects on second follow-up collision.

To exert the protective function of frontal airbags, drivers and passengers must wear seat belts and keep correct sitting posture when the vehicle is running. ◀

Do not press or knock the driver’s airbag cover plate by force to prevent the driver’s airbag from being deployed accidently and causing personal injury. ◀

Do not place your pets or objects in front of the instrument panel or glove box or on the steering wheel equipped with an airbag. They will hinder the deployment of the airbag or cause serious casualties due to the large injection force when the airbag is deployed.

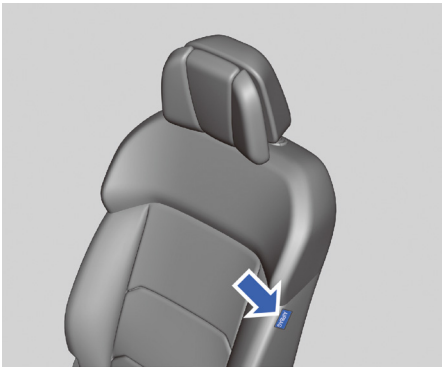
Do not modify, disassemble, knock or open any front airbag component or circuit. Otherwise, the airbag may suddenly inflate or the system will become inoperable, causing serious personal injury or fatality. ◀

During the operation of the vehicle, do not sit on the side of the seat or lean against the instrument panel, because any person standing against or very close to the airbag may be seriously injured or killed when the airbag inflates. Drivers and passengers must ensure that they keep a distance of at least 25 cm from the airbag. ◀

Contact an authorised PROTON service outlet immediately in the following cases:

- Front airbags have been deployed.
- The front airbag cover has cracks, scratches or other forms of damage.
- The front part of the vehicle was hit, but did not cause the front airbags to deploy. ◀

Side Airbag



Side airbag provides further protection forthe driver and front passenger, based on the safety protection provided by seat belts. In case of a moderate or severe side impact, the side airbag can reduce personal injury by inflating and working with the seat belts simultaneously. Side airbags can effectively reduce chest injuries for driver or front passenger.

Side airbags are mounted in the seatback of the driver seat and front passenger seat, where they are marked with “AIRBAG”.

Due to the considerable speed and impact force when the side airbag is deployed, do not put your head and hands outside the window or close to the deployment area of the side airbag when the vehicle is driven. Otherwise, serious casualties may occur. ◀

Do not install seat cover on the seats that are equipped with side airbags. Otherwise, it may affect the deployment of the side airbag. ◀

Contact an authorised PROTON service outlet immediately in the following cases:

- Side airbags have been deployed.
- The door was hit but it did not cause the side airbag to deploy.
- The cover of seats at the side airbag assembly has cracks, scratches or other forms of damage. ◀

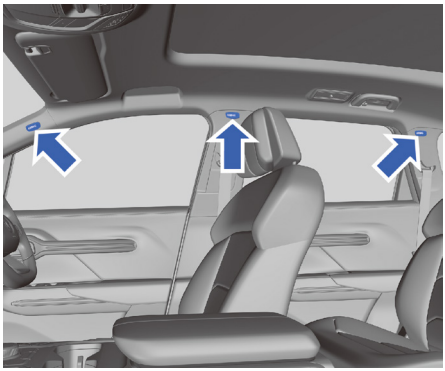
Before consult an authorised PROTON service outlet personnel, do not do the following operations to avoid affecting the normal operation of side airbag:

- Install electronic devices such as mobile two-way radio communication devices.
- Modify the passenger side structures. ◀

Side Curtain Airbag*

Side curtain airbag provides further protection for the driver, front passenger and rear outboard passengers, based on the safety protection provided by seat belts.

In case of a moderate or severe side impact, the side curtain airbag can reduce personal injury by inflating and working with the seat belts simultaneously. Side curtain airbags can effectively reduce the head injuries of the driver, front passenger and rear outboard passengers caused by collision.



Side curtain airbags are mounted above the side post of left and right sides in the vehicle, marked with “AIRBAG” on it.

As the side curtain airbag has considerable speed and impact force when it is unfolded, do not put your head and hands outside the window or close to the area where the side air curtain is deployed when the vehicle is driving. Otherwise, serious casualties may occur. ◀

Do not install any decorative parts around the side curtain airbag, such as windshield, door glass, side pillar, roof side, or stick microphone or any other equipment inside the roof and on the auxiliary handles. When the side curtain airbag is deployed, these items will be thrown out under the strong deployment force of the side curtain airbag, resulting in personal injuries or affecting the operation of the side curtain airbag. ◀

Contact an authorised PROTON service outlet immediately in the following cases:

- The side curtain airbags have been deployed.
- The door was hit but did not cause the side airbag to deploy.
- When the front pillar, rear pillar and roof side member decoration or ceiling fitted with the side curtain airbags have been scratched, cracked or damaged in other forms. ◀

Before consult an authorised PROTON service outlet personnel, do not perform the following operations to avoid affecting the normal operation of side curtain airbag:

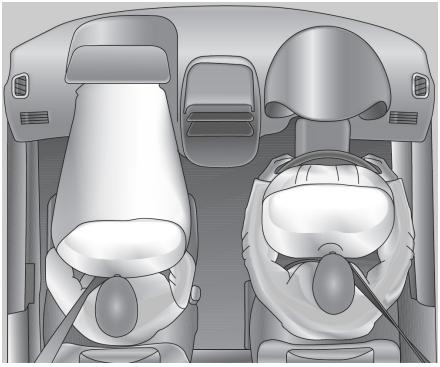
- Install electronic devices such as mobile two-way radio communication devices.
- Modify suspension system.
- Repair at or near the bracket. ◀

Deployment of Airbag

Front Airbag Deployment

A moderate or severe head-on collision of the vehicle at 25 km/h and above will cause the front airbags to deploy.

Always fasten the seat belts when the vehicle is running to minimize injuries in case of airbag deployment. The driver and the front passenger must adjust their seats so as to keep a sufficient distance from front airbags. ◀



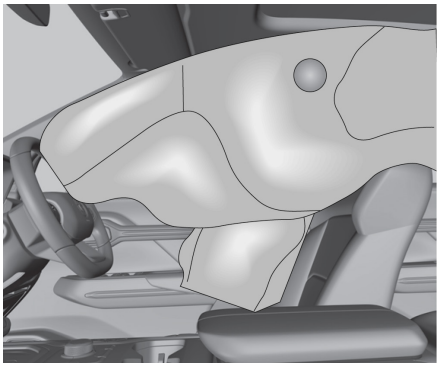
In the event of a collision, whether the airbag works depends on the collided object, the collision direction and the speed of vehicle deceleration caused by the collision. Two front airbags will be deployed under severe front impact.

Cases Front Airbag May Not Deploy

- When the vehicle is not started.
- When the collision occurs between the vehicle and deformable objects, such as trees.
- When the vehicle collides against low objects like steps etc.
- Rollover.
- When the vehicle gets into a trench or pit suddenly.
- In case of crash (underrun crash) against the rear of a truck.
- Side collision, rear collision and minor head-on collision.
- Airbag system has faults.
- Other special cases.

Side Airbags and Side Curtain Airbags Deployment*

When the vehicle has a moderate or severe side impact and reaches the designed action value, the front side airbag and side curtain airbag will be deployed.



In case of side impact, the inflation of side airbag and side curtain airbag can reduce the risk of upper body and pelvis injury.

Cases Side Airbag and Side Curtain Airbag May Not Deploy

- Front collision or nearly front collision.
- Rear collision.
- Rollover.
- Minor side collision.
- Airbag system has faults.

Child Protection System

Selection of Child Restraint System (CRS)

Before installing any child restraint system, make sure the headrests are removed (applicable to seatback with removable headrest). ◀

Information of the Recommended CRS for the Vehicle

Mass group	Recommended CRS
Group 0: < 10 kg	Joie i-Spin 360
Group 0+: < 13 kg	Joie i-Spin 360
Group I: 9 kg ~ 18 kg	Joie i-Spin 360 (Rear facing, recline set to 7th notch/marker)
Group II: 15 kg ~ 25 kg	-
Group III: 22 kg ~ 36 kg	-

The recommended CRS listed above are based on the information and test results available at the time this manual was published. ◀

When full-sized rearward facing toddler CRS is installed on a rear seat, the front seat's seatback angle should be adjusted with upright angle corresponding to a torso angle of 15 degrees, then the CRS can be installed correctly without interference with front seat. ◀

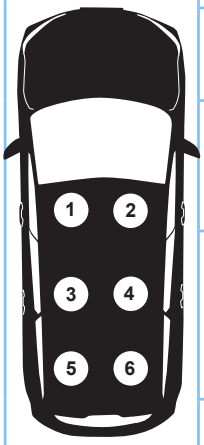
Selection of CRS

ISOFIX child restraint system size classes and fixtures:

A - ISO/F3 : Full-Height Forward Facing toddler CRS
B - ISO/F2 : Reduced-Height Forward Facing toddler CRS
B1 - ISO/F2X : Reduced-Height Forward Facing toddler CRS
C - ISO/R3 : Full-Size Rearward Facing toddler CRS
D - ISO/R2 : Reduced-Size Rearward Facing toddler CRS
E - ISO/R1 : Rearward Facing infant CRS
F - ISO/L1 : Left Lateral Facing position CRS (carry-cot)
G - ISO/L2 : Right Lateral Facing position CRS (carry-cot)

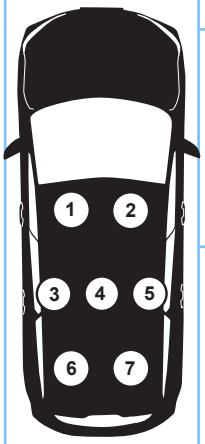
Type 1

The **6-seater** vehicle is capable of supporting the following CRS:

Seat position number		1	2	3	4	5	6
	Seating position suitable for universal belted (Yes/No)	No	No	Yes	Yes	Yes	Yes
	i-Size seating position (Yes/No)	No	No	Yes	Yes	No	No
	Seating position suitable for ISOFIX lateral fixture (L1/L2)	No	No	No	No	No	No
	Seating position suitable for ISOFIX rearward facing fixture (R1/R2/R3)	No	No	R1/ R2/ R3	R1/ R2/ R3	No	No
	Seating position suitable for ISOFIX forward facing fixture (F2/F2X/F3)	No	No	F2/ F2X/ F3	F2/ F2X/ F3	No	No

Type 2

The **7-seater** vehicle is capable of supporting the following CRS:

Seat position number		1	2	3	4	5	6	7
	Seating position suitable for universal belted (Yes/No)	No	No	Yes	No	Yes	Yes	Yes
	i-Size seating position (Yes/No)	No	No	Yes	No	Yes	No	No
	Seating position suitable for ISOFIX lateral fixture (L1/L2)	No	No	No	No	No	No	No
	Seating position suitable for ISOFIX rearward facing fixture (R1/R2/R3)	No	No	R1/ R2/ R3	No	R1/ R2/ R3	No	No
	Seating position suitable for ISOFIX forward facing fixture (F2/F2X/F3)	No	No	F2/ F2X/ F3	No	F2/ F2X/ F3	No	No

Use of Child Restraint System

Infants and Younger Children

All seat belt system and airbag system of vehicle are not designed for protecting infants or younger children. Infants or younger children shall be always protected with proper child restraint system.



- If the shoulder belt twines around the neck of a child, the child may be severely injured and even killed when the seat belt is retracted. Do not let children stay alone in the vehicle or play with the seat belts.
- Make sure to not carry an infant or child in the arms in vehicle. In the event of a crash, infants and young children cannot be held due to the impact of the crash, and they should be fixed in appropriate child restraint system.
- The neck of an infant or young child is not fully developed, and his/her head is heavier than other parts of the body. In order to reduce the risk of neck and head injuries in a crash, infants and young children need comprehensive support. ◀

Older Children

Older children who are no longer fit to sit in a child restraint system shall wear seat belts. The instructions attached to child restraint system states the weight and height limits for the child sitting in it. Children who meet the following applicable conditions shall use the child restraint system together with the seat belt:

- Try to sit on the seat as back as possible. Make sure the children's knees can bend on the edge of seat.
- Buckle the seat belt properly. Make sure the shoulder belt can be properly placed on the children's shoulder.
- Make sure the lap belt be worn down and close to the children's hips.
- The seat belt can be fastened properly during the trip.

Older child should wear the seat belt correctly. Make sure the seat belt does not cross the children's face or neck. The seat belt should be close to the children's hips. In case of a crash, the seat belt can provide additional restraint.

Make sure not to fasten the lap belt on abdomen. Otherwise, serious injury may occur in case of collision.

Children who has not fasten the seat belt may run into others who have fastened their seat belts or be thrown out of the vehicle in case of collision, resulting in serious or fatal injury.

Do not let two children share a single seat belt. Otherwise, the seat belt cannot properly disperse the impact force, which may lead to serious injury or even death in the event of a crash. ◀

Do not place the shoulder belt behind the back of the children when buckle up with a seat belt. Otherwise, serious injury or even death may be caused in case of collision. The seat belt should be fastened across shoulder and chest. ◀

Description of the Child Restraint System

It is generally recommended to use the reverse child restraint system for infants and young children aged 3 – 4 years.

For children who are not suitable for a reverse child restraint system due to their large size, the forward child restraint system can be used.

For children whose body size is too large to fit in the forward child restraint system, use additional soft seat cushions (such as booster type child restraint system) to fasten the seat belt.

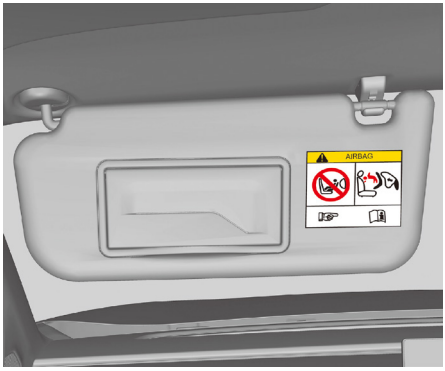
Installation of the Child Restraint System

It is safer for children and infants to be properly secured in the child restraint systems in the rear seat.

Warning Labels

Warning labels can be found on the front and back of the sunvisor at the front passenger side, reminding that the vehicle is equipped with front airbags and the related precautions shall be observed.





When fixing a child restraint system in the rear seat, carefully read the instructions attached to the child restraint

system and ensure that it is suitable to be mounted on this vehicle. ◀

Do not install any rear facing child restraint system at a seat that is under front airbag protection (in active state). Do not put a rear facing child restraint system on the front seat. Infants who cling to or are too close to the air bag will be seriously injured or killed when the air bag inflates. ◀

ISOFIX Mountings for CRS

The lower ISOFIX mountings are mounted between the gaps between seat cushion and seatback of the left and right of rear seats (including middle row seats and rear row seats).

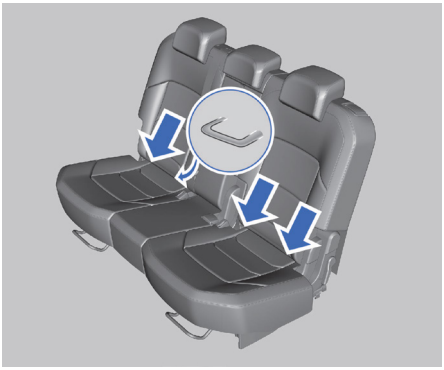
It is not necessary to fix the child restraint system with a seat belt at this time (when using ISOFIX mountings).

Type 1



Install the ISOFIX mountings of the child restraint system with the lower ISOFIX mountings on the left or right of the middle row seat.

Type 2



Install the ISOFIX mountings of the child restraint system with the lower ISOFIX mountings on the left or right rear row seat.

Confirm with the manufacturer of the child restraint system whether the child restraint system can be used for this vehicle model. ◀

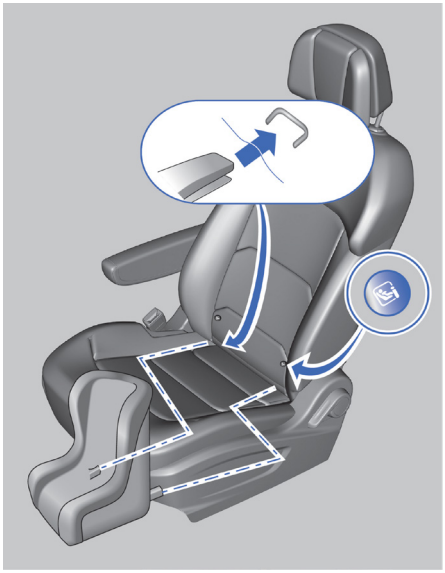
When installing and using the child restraint system, please follow the operation and safety instructions of the manufacturer. Otherwise, the protection effectiveness may be affected.

Installation of ISOFIX Child Restraints System

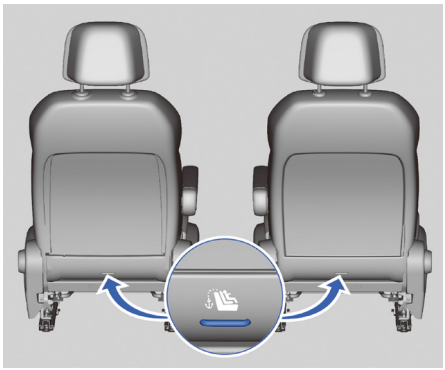
Type 1

Install the child restraint system with the lower ISOFIX mountings and the Top Tether according to the following procedures:

1. Lower the rear seat's headrest to the lowest position. Open the fixed lever cover.
2. Confirm the position of the ISOFIX mounting.



3. Align the ISOFIX connector of the child restraint system with the corresponding lower ISOFIX mounting at the chosen seat and insert it.
4. Confirm whether the connection is locked properly.

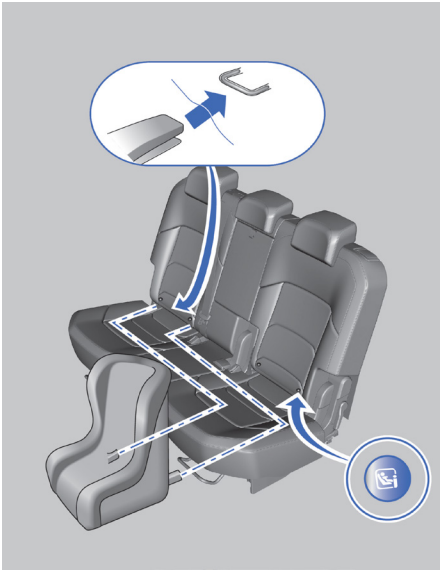


5. Align the top strap belt connector of the child restraint system with the corresponding top ISOFIX mounting (Top Tether) at rear of the seatback as shown above. Insert the connector to the top ISOFIX mounting.
6. Inspect whether the connection is locked properly.

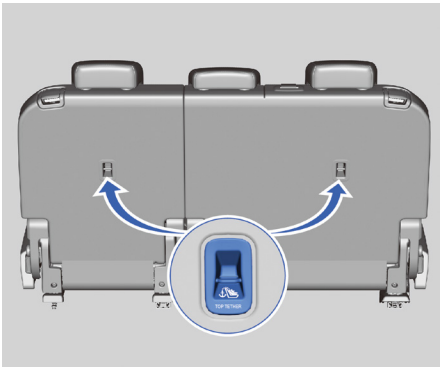
Type 2

Install the child restraint system with the lower ISOFIX mountings and the Top Tether according to the following procedures:

1. Lower the rear seat's headrest to the lowest position. Open the fixed lever cover.
2. Confirm the position of the ISOFIX mounting.
3. Align the ISOFIX connector of the child restraint system with the corresponding lower ISOFIX mounting at the chosen seat and insert it.



4. Confirm whether the connection is locked properly.
5. Align the top strap belt connector of the child restraint system with the corresponding top ISOFIX mounting (Top Tether) at rear of the seatback as shown below. Insert the connector to the top ISOFIX mounting.



6. Inspect whether the connection is locked properly.

Confirm that the top strap belt and the ISOFIX mounting is buckled firmly. Push and pull the child restraint system in different directions to check whether it is secured. Installation shall be carried out according to manufacturer's instruction. ◀

If the child restraint system is not installed to the ISOFIX mounting correctly, severe injury or even fatal may occur to the child.

When mounting a child restraint system, make sure to strictly follow the manufacturer's instructions.

The ISOFIX connectors of the child restraint system and the ISOFIX anchorages of the vehicle are designed only to carry the load imposed by the proper installed child restraint system. Under no circumstances shall they be used for seat belts, harnesses or other objects and devices to be fixed on the vehicle.

Make sure to install the child restraints system only when the vehicle is stationary.

When the ISOFIX connector of the child restraint system is correctly fixed to the ISOFIX mounting of the vehicle, you will hear a "click" sound. ◀

If the ISOFIX connectors of the child restraint system are not installed to the ISOFIX anchorage of the vehicle correctly, the child restraint system may not be used normally, causing serious casualties to the children. ◀

When mounting a child restraint system, be sure to strictly follow the restraint manufacturer's instructions. ◀

When the CRS is installed on the second row (middle row) seat, adjust the second row seat to the rearmost position;

When the CRS is installed on the third row (rear row) seat, adjust the second row seat to the foremost position◀

When installing an ISO/R3 size child restraint system (rearward facing CRS) in the second row seat :

- Adjust the second-row seat to the rearmost position.
- Adjust the front seats to the middle position.
- The seatback of the driver's seat can be reclined up to 15° only.

If the headrest of the vehicle seat affects the installation of the child seat, it can be removed. ◀

Driving

Driving Instructions

Under the following conditions, pay special attention to lower parts of the vehicle to avoid scratches on the vehicle chassis.

- When driving on a road with poor conditions.
- When passing road kerb.
- When running on steep slopes.

Be careful when driving with the fully loaded vehicle. ◀

For vehicle that is equipped with turbocharged engine, do not turn off the engine suddenly when driving or cruising in N gear (*Accelerating-stalling-Coasting* in N gear method). At this time, the engine is at fully loaded and high temperature condition. Turning off the engine will stop the oil pump, and causing lubricant unable to remove the excess heat from turbocharger components. The turbocharger will damage due to overheat. ◀

New Vehicle Running-in

The running-in of new vehicle is mainly to improve the surface quality, friction and wear condition of the moving parts. This will extend the service life and reduce the fuel consumption. In the new vehicle running-in period, observe the following requirements:

- When starting and driving, do not fully press the accelerator pedal to the bottom.
- In the running-in period, keep driving the vehicle on flat roads avoid driving on bumpy, muddy or sandy roads.
- Avoid idling the engine.
- Avoid sudden acceleration.
- Avoid sudden braking in the first 300 km mileage.
- Do not keep driving at the same speed for a long time, regardless of high speed or low speed. ◀

Driving in Cold Weather or Winter (below 0 °C)

90% of the wear and tear of the moving parts of the engine occurs in the cold condition. In order to reduce wear, extend the service life of the engine, and reduce fuel consumption, the following requirements must be complied with when starting a cold engine:

- After starting the vehicle, let it idling for 2-3 minutes before driving.
- After starting, the vehicle should keep driving at a low speed below 40 km/h, and then continue normal driving after the coolant temperature indicator starts to change (50~60 °C). ◀

Long-term short-distance driving in cold weather may cause the coolant temperature does not reach the middle mark of the coolant temperature gauge, resulting in deterioration of the engine oil, wear of the engine moving parts and increased fuel consumption. If the coolant temperature of the vehicle does not reach

the middle mark line after one consecutive week of driving, drive the vehicle in the following driving conditions once to extend the service life of the engine oil.

- Urban condition: average speed is between 30 to 40 km/h and driving time is more than 50 minutes.
- High-speed condition: average speed is more than 80 km/h and driving distance is greater than 30 km. ◀

Before stopping the vehicle after a short-distance drive, press the accelerator pedal firmly several times to help remove moisture from the exhaust system. ◀

Winter Tyre

It is recommended to use winter tyres if you frequently drive on roads covered with ice or snow. Although all-season tyres provide good overall performance on most road surfaces, they may not deliver the same level of traction or performance as winter tyres under icy or snowy conditions.

Winter tyres are designed to increase traction on roads covered with ice or snow. However, when winter tyres are used on dry roads, vehicle traction may decrease, road noise may increase, and tyre tread wear may accelerate.

After installing winter tyres, pay attention to any changes in vehicle handling and braking performance.

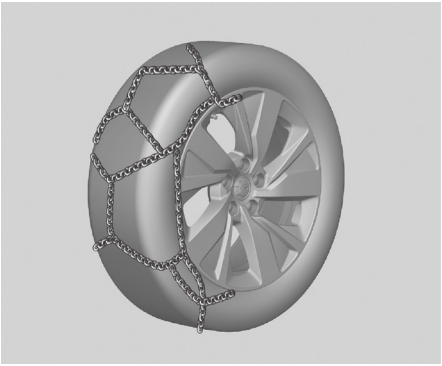
For details on winter tyre supply and selection of applicable tyres, consult an authorised PROTON service outlet.

If you choose to use winter tyres:

- Use tyres of the same brand and tread pattern on all four wheels.
- Only radial tyres of the same size, load rating, and speed rating as the original tyres should be used.
- If winter tyres with a lower speed rating are installed, do not drive faster than the tyres' maximum rated speed.

Tyre Chain

Anti-slip tyre chains are not included with this vehicle. The following information is for reference only. ◀



Determine whether anti-slip tyre chains are required according to the actual road conditions.

When using anti-slip tyre chains, avoid fully loading the vehicle and drive carefully at low speed, otherwise the vehicle may be damaged and its drivability affected.

When installing anti-slip tyre chains, select chains that match the tyre size of the vehicle and install them in accordance with the manufacturer's instructions.

Do not use anti-slip tyre chains on dry roads. ◀

Economical Driving

Different driving habits may result in up to 10% to 15% variance in fuel consumption. Please drive in ECO mode for energy saving and environmental protection.

When driving the vehicle, make sure to drive safely and observe traffic rules and regulations. Do not interfere with others and the road traffic. ◀

1. Stable starting and accelerating
   Fuel consumption is high when starting and accelerating. Avoid stepping the accelerator pedal fully down to the floor during starting or accelerating when driving the vehicle. Stable starting and accelerating helps to save fuel.

2. Keep an economical driving speed
   Economical driving speed is between 40 km/h to 60 km/h on normal road and 80 km/h to 100 km/h on highway. Maintaining an economical speed, while prioritizing safe driving, helps improve fuel efficiency.

3. Avoid unnecessary braking
   Keep a proper following distance from the preceding vehicle and try to avoid frequent braking. Slow down in advance when approaching a red light, and let the vehicle coast in drive (D) gear. Avoid sudden braking.

4. Reduce the idle speed
   Shut down the engine when parking for a long time, the engine consumes fuel when idling. Stop the engine when the parking exceeds 1 minute in the case of traffic jam and waiting for a red light for a long time. Fuel consumed at idle speed within 30 to 40 seconds is more than fuel required to restart the engine.

5. Keep low wind resistance
   Opening windows at a high speed will increase wind resistance of the vehicle and lead to increase of fuel consumption. Please close the windows when the vehicle speed is higher than 80 km/h.

6. Maintain correct tyre pressure
   Check tyre pressure regularly. Too low tyre pressure will increase rolling resistance of tyres and result in increase of fuel consumption.

7. Minimise operation of A/C system
   Air conditioner will increase engine load obviously. Use air conditioner only when necessary. Open windows at a low speed. The internal circulation mode will save more energy when you use air conditioner.

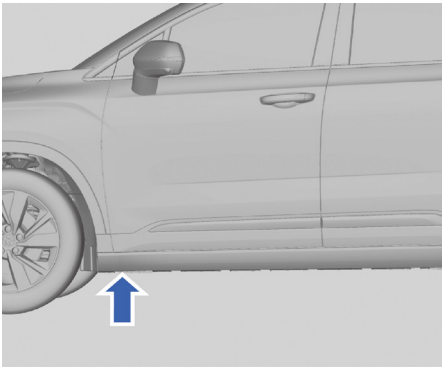
8. Reduce vehicle load
   Each kilogram of additional load may increase fuel consumption. Clear unnecessary luggage on vehicle regularly.

9. Maintain the vehicle regularly
   Maintain the vehicle as per the specification to keep vehicle in good condition. A good engine operating condition will not only improve driving safety but also reduce fuel consumption.

10. Plan the driving route properly
    Optimize the route and try to avoid traffic jam. This will save both time and fuel consumption.

11. Do not change the size of tyre at will.
    Using larger or wider tyre will increase fuel consumption.

Driving Through Water



To prevent vehicle being damaged when driving through water (e.g. flooded roads), it is necessary to pay attention to the following precautions:

1. It is necessary to confirm the water depth before driving through water. The water level should not go above the edge of the border girder.

2. Drive at low speeds, otherwise, waves may form in front of the vehicle, which may cause water to enter the engine air intake system or other parts of the vehicle.

3. Do not park, reverse, turn off or start the engine in water under any circumstance.

When the vehicle runs on the road with water, mud, etc., the braking performance may be affected and the braking distance may be extended whickh may cause an accident!

Avoid sudden braking immediately after driving through the water. When the vehicle runs on the road with water, the brakes must be cleaned and dried as soon as possible by intermittent braking. Brake when traffic conditions permit, to dry and clean the brakes and avoid traffic accidents. ◀

Certain parts of the vehicle such as the engine, transmission, chassis or electrical system may be severely damaged when driving through water.

The wave created by other vehicle from the opposite direction may exceed the allowable water level of this vehicle.

Pits, wallows or stone may be hidden in water. They will make driving through water more difficult.

Do not drive through salt water. Salt causes vehicle becomes rusty. Immediately use clean water to wash all metal parts that are in contact with salt water.

After driving through water, it is recommended to go to an authorised PROTON service outlet for inspection. This is to identify potential hazards and ensure driving safety. ◀

Parking the Vehicle

- Park the vehicle on a flat, solid and safe road that does not affect the traffic flow of other vehicles.
- When parking, firstly step on the brake pedal until the vehicle stops slowly and stays still. Then, push P button to place the gear in P position and pull up the EPB switch to apply the electric parking brake (EPB).
- If there are combustibles under the vehicle, they may catch fire easily when in contact with high temperature parts of the exhaust system. Do not park the vehicle if there are papers, leaves, dry grass and other combustibles under the vehicle.

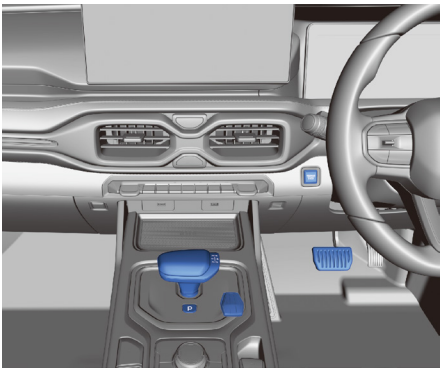
Do not leave children or persons with incapabilities inside the vehicle. They may release parking brake or operate the gear shift lever, causing vehicle to move and may result in personal injury or fatality. ◀

Precautions for turbocharged engine when stopping the engine: avoid turn off the engine immediately when running at high speed and full load, but gradually slows down until the vehicle stops. Idle for 3 to 5 minutes before stopping the engine to prevent the turbocharger from being damaged due to engine oil shortage in bearings or overheating of parts. Avoid idling the engine for a long time (the idling should not longer than 20 minutes). ◀

Starting the Vehicle

Keyless Start

Starting the Engine



1. Carry a valid intelligent key;
2. Shift to N or P gear (push P button);
3. Press the brake pedal;
4. Press the ignition switch.

- Before starting the vehicle, check that the driver seat, steering wheel, interior and exterior rear view mirrors (side mirrors) are adjusted to a safe comfortable position.
- Check whether the brake pedal can be fully pressed before starting the engine.
- Start the vehicle in accordance with local environmental laws and regulations.
- Check whether the surrounding environment is acceptable for starting the vehicle. If not, do not start the vehicle.

- If the engine has not reached its optimum operating temperature, do not keep the engine running at high speed (rpm) for a long time; otherwise, the engine may be damaged.
- Do not take the intelligent key out of the vehicle or operate the ignition switch when driving. This may cause the engine stops running. ◀

If the vehicle with turbocharged engine is changing the engine oil, replacing the oil filter, installing new turbocharger or starting the engine that has been out of service for a long time, it should run at idle speed for a few minutes before full-load operation to ensure good lubrication. ◀

Stopping the Engine

1. Make sure that the vehicle has stopped.
2. Press the P button to place the gear in Park (P) position.
3. Engage the electric parking brake (if the EPB is not engaged automatically from pressing P button).
4. Press the ignition switch to OFF position.

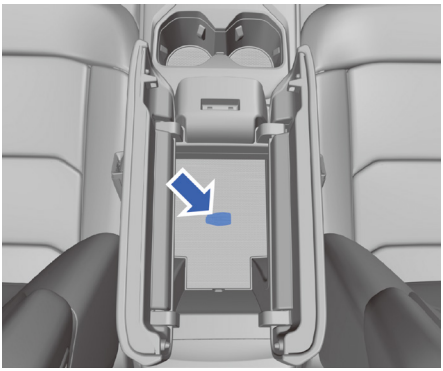
Do not press the ignition switch before the vehicle stops completely. ◀

Backup Starting Program of the Vehicle

If the following conditions occur, the meter instrument may prompt that the intelligent key is not detected when starting the vehicle:

- The vehicle is located in an area with strong signal interference.
- The battery level of the intelligent key is low.
- The keyless starting function has failed.

Start the vehicle as per the following steps:



1. Place the intelligent key at the key identification area as shown (in centre armrest storage compartment).
2. Shift the gear to P or N position.
3. Press the brake pedal.
4. Press the ignition switch to start the vehicle.

If the keyless start function still fails to function normally after the battery is replaced and the vehicle is driven outside of the interference region, contact an authorised PROTON service outlet for repair as soon as possible. ◀

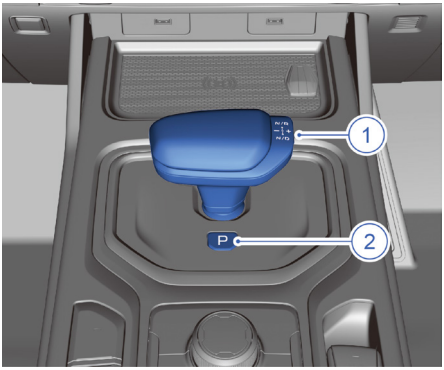
Starting Procedure*

1. To start the engine, press the brake pedal and ignition switch. After the engine starts, release the ignition switch. The idle speed will drop after the engine is warmed up. After starting the engine, do not increase the engine speed immediately. Please increase the load of engine and transmission gradually so that the oil can preheat and lubricate all working components.
2. If the intelligent key is not in the vehicle or it gets interfered with, the meter instrument will remind that the intelligent key is not in the vehicle. In this case, the engine cannot be started. This vehicle is equipped with a computer-controlled starting system which assists in starting the engine and protecting its components.
3. When the engine has started, release the ignition switch, and the starter will drive the engine to continue for a few seconds until the engine starts to run.

If the engine fails to start, do not immediately press the ignition switch again for an extended period in an attempt to start the engine. This may cause the starter motor to overheat and become damaged. After a failed starting attempt, wait at least 30 seconds before trying to start the engine again. If the engine fails to start after three consecutive attempts, allow the starter motor to cool down and wait at least 15 minutes before attempting to start the engine again. ◀

Automatic Transmission

Gear Information



1 - Gear Shift Lever
2 - P button (Parking Gear)

Push the gear shift lever uforward or backward to switch among the following gears: Reverse (R) gear, Neutral (N) gear and Drive (D) gear.

Press the P button to switch the gear to Park (P) gear position.

Do not attempt to start the engine unless the gear shift lever is in P (Park) or N (Neutral) gear position.

Before starting the engine, ensure that the driver is properly seated in the driver's seat and that all vehicle doors are closed.

Make sure there are no children or other persons in front of or behind the vehicle when starting the engine.◀

Gear Operation

Park (P)

Parking for a long time or on a ramp: After the vehicle has completely stopped, press the P button to switch the gear to Park (P) position. The electric parking brake (EPB) will be activated (engage the parking brake). Then, both automatic transmission and the vehicle's service brakes will be locked.

Short-time parking: The gear shift lever can be switched to the Neutral position (N). To stop the vehicle reliably, pull up the electric parking brake (EPB) switch for parking brake at the same time.

When parking for a short time, do not keep pressing the brake pedal in D, R or M gear. Otherwise, the service life of the automatic transmission will be affected. ◀

In any case, do not switch the gear to P position when the vehicle is moving. Otherwise, it will cause serious mechanical damage and the vehicle can be out of control. The automatic transmission's service life will also be affected. ◀

Drive (D)

Start the engine with the gear in Park (P) or Neutral (N) position. Press and hold the brake pedal for at least for three seconds until the engine runs smoothly.

Press and hold the brake pedal again. Then press down the EPB switch to release the electric parking brake. Move the gear shift lever to Drive (D) position, gradually release the brake pedal and gently press the accelerator pedal to drive forward.

Make sure to engage the gear first and only then press the accelerator pedal. Do not engage the gear while pressing the accelerator pedal, or press the accelerator pedal first and then engage the gear. ◀

Reverse (R)

When the engine is still idling and vehicle stops completely, press and hold the brake pedal. Press down the EPB switch to release the parking brake.

Push the gear shift lever to Reverse (R) position. Gradually release the brake pedal and gently press the accelerator pedal to reverse the vehicle.

Manual Mode (Manual Gear M)

After the gear shift lever is switched into D position, move it leftwards or rightwards to enter the manual shifting mode. The manual mode features an automatic return function.

Each operation in the rightward direction, which is the "+" direction, to shift up by one gear, and each operation in the leftward direction, which is the "-" direction, to shift down by one gear.

To exit manual shift mode, move the gear shift lever backward to drive gear (D), or move forward to neutral gear (N).

If the engine speed (rpm) is too low, the transmission may automatically shift to low gear. This helps prevent engine damage.

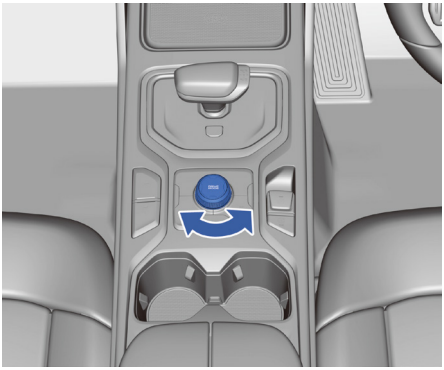
When driving down a long or steep slope, first reduce your speed and then select a lower gear.

Use 3rd or 2nd gear to control the vehicle's speed, in combination with the brake pedal, to maintain a safe and steady speed.

Avoid continuous use of the brake pedal whenever possible, as this may cause the brakes to overheat and fail. ◀

Driving Modes

Drive Modes Selection



Rotate the driving mode adjustment knob to switch between Comfort, Sport and Economic driving modes. The driving mode selection interface will appear synchronously on the multimedia display screen

Sport Mode

In the Sport mode, all driving gears will automatically lag in upshifting and advance in downshifting, which can fully utilise the engine's standby power and obtain better driving power.

Comfort Mode

In the Comfort mode, the vehicle balances between fuel efficiency and driving power to deliver a comfortable driving experience.

ECO Mode

In ECO (economic) mode, all drive gears will automatically advance in upshifting and lag in downshifting, which can effectively reduce engine speed (rpm) and achieve better fuel efficiency.

Intelligent Driving System

Cruise Control (CC) System*

With cruise control, you can keep the vehicle at any speed between 30 to 150 km/h without having to keep pressing the accelerator pedal.

Do not use the cruise control system on winding, congested, or slippery roads, as it may increase the risk of traffic accidents. ◀

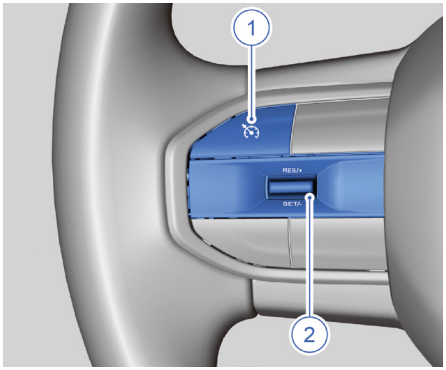
Function Selection



Enable the cruise control system via Cruise button on the left side of steering wheel. After selection, the cruise control function will be on standby mode and the Cruise status indicator at the meter instrument display will turn on in white.

Function Activation

The Cruise Control (CC) system buttons are on the left side of the steering wheel.



1. Cruise button : Briefly press this button to enable, disable or exit the cruise control function.

2. Speed adjustment and setting button: Briefly push this button up or down to activate the CC system.

   When CC is enabled (in standby mode):

   - Push the button up (RES/+)

     Short push: Restore or resume using the set cruise speed, OR

     Short push: Increase set cruise speed by +1 km/h.

     Push and hold: The set cruise speed increase by +5 km/h.

   - Push the button down (SET/-)

     Short push: Set current speed as the new set cruise speed, OR

     Short push: Decrease set cruise speed by -1 km/h.

     Push and hold: The set cruise speed decrease by -5 km/h.

If the cruise control system is shown as enabled on the meter instrument display, accidentally pressing any of the Cruise Control (CC) system buttons may unintentionally activate the cruise control system, potentially startling the driver and leading to a loss of vehicle control. ◀

Setting Cruise Speed

1. Press the cruise button to enable the cruise control function. The cruise control function is in standby mode and the CC status indicator on meter instrument display will illuminate.
2. Push down the speed adjustment and setting button (towards SET/-) to set the current driving speed as the new set cruise speed.

Restoring Set Cruise Speed

If you have already set the vehicle speed required by the cruise control and the vehicle is driven with the set cruising speed, when you press the brake pedal, the cruise control function will be canceled. The stored speed at this time still remains in the memory of CC system.

When the vehicle speed is 30 km/h or higher, push the speed adjustment and setting button upwards (towards RES/+) to restore the vehicle speed following the set cruise speed.

Accelerating in Cruise Control

The acceleration can be realized through either of the following two methods:

- 1st method: Press the accelerator pedal to increase vehicle speed.
- 2nd method: If the cruise control system is activated, push and hold the speed adjustment and setting button up (towards RES/+) to increase the cruise speed continuously in 5 km/h increments until the button is released. To slightly accelerate, briefly push the speed adjustment and setting button up (towards RES/+). The cruising speed will increase by 1 km/h.

Decelerating in Cruise Control

If the cruise control system is activated or vehicle is using the set cruise speed:

- Push and hold the speed adjustment and setting button downwards (towards SET/-), to decrease the cruise speed continuously in 5 km/h until the button is released.
- To slightly decelerate, briefly push the speed adjustment and setting button downwards (towards SET/-). The cruising speed will decrease by 1 km/h each time the button is pushed.

Overtaking in Cruise Control

Press the accelerator pedal to temporarily increase vehicle speed for overtaking. The vehicle speed will return to the previously set cruise speed when the accelerator pedal is released.

Using Cruise Control at Slope

The performance of cruise control system on ramps or slopes depends on factors

such as vehicle speed, load, and the gradient of the slope. When climbing steep upslope, it may be necessary to press and hold the accelerator pedal to maintain vehicle speed.

On downhill slopes, press the brake pedal or shift to a lower gear to control vehicle speed. Applying the brake pedal will deactivate the cruise control system.

Exiting the Cruise Control

The cruise control function can be ended or exited by three methods:

- Press the brake pedal to deactivated the cruise control function.
- Press the cruise button once to temporarily deactivate the cruise control. Cruise control system will enter standby mode (enabled).
- Press the cruise button twice (or press and hold the button) to exit (completely turn off) the cruise control system.

Clearing the Set Speed Memory

When cruise control is turned off or the ignition switch is set to OFF position (engine off), the set cruise speed memory in cruise control system will be cleared.

Automatic Speed Limit Control System (LIM)*

The automatic speed limit control system integrates a Limiter Intelligent Management (LIM) module, enabling the driver to set a maximum speed limit and ensuring the vehicle does not exceed this speed limit setting.

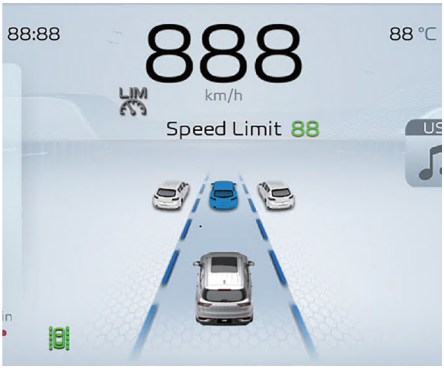
Always deactivate this system after use to avoid unintended speed adjustments.

- Although the vehicle is equipped with an Automatic Speed Limit Control System, the driver must adjust the speed according to driving conditions. Avoid fully pressing the accelerator pedal unless necessary.
- Using the Automatic Speed Limit Control System in adverse weather conditions such as on roads covered with water, ice, snow, or leaves can be extremely dangerous and may result in serious injury or fatality. Therefore, only activate this system when both road and weather conditions are safe and suitable for its operation. ◀

Function Selection

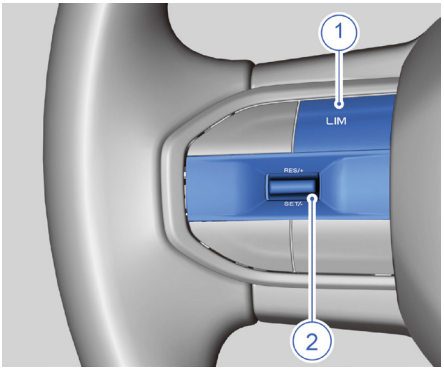
Enable the automatic speed limit control system via LIM button on the left side of steering wheel.

After selection, the system will be on standby, and the LIM status indicator at meter instrument display will turn on in white or grey.



Function Activation

The automatic speed limit control system button (LIM button) is on the left side of steering wheel, and the setting range of speed limit is 30 ~ 150 km/h.



1. LIM button:
   Short press this button to enable or to exit this system.
2. Speed adjustment and setting button:
   Push this button up or down to activate the LIM function.
   - Push the button up (RES/+)
     Short push: resume using this system with the last recorded exit speed, OR
     Short push: increase speed limit setting by +1 km/h.
     Push and hold: speed limit setting increase by +5 km/h.
   - Push the button down (SET/-)
     Short push: set the current speed as new speed limit setting, OR
     Short push: decrease speed limit setting by -1 km/h.
     Push and hold: speed limit setting decrease by -5 km/h.

Setting Speed Limit

When the automatic speed limit control (LIM) system is enabled, push down the speed adjustment and setting button to set the current speed as the speed limit.

Push this button up or down again to adjust the speed limit setting.

Resume Speed Limit

When the accelerator pedal is fully pressed during driving, the LIM system will temporarily switch to driver control mode. The LIM status indicator will illuminate in yellow, indicating the override. However, the preset speed limit remains stored. Once the accelerator pedal is released, the automatic speed limit control system resumes, and the LIM status indicator returns to green.

Use of Automatic Speed Limit Control on Ramp or Slope

When driving downhill, if the automatic speed limit control system (LIM) is unable to maintain the set speed limit, the vehicle may accelerate due to gravity. In such cases, immediately press the brake pedal to reduce speed and maintain vehicle control.

Turn Off Automatic Speed Limit Control

- Press LIM button, and the automatic speed limit control system (LIM) will be deactivated and change to standby mode. The LIM status indicator will change from green to white.
- Press LIM button when the LIM system is on standby mode to exit (end) the automatic speed limit control system (LIM). The LIM status indicator on meter instrument will turn off.

Clearing Vehicle Speed Memory

When the the automatic speed limit control system (LIM) is turned off or the ignition switch is in OFF position (engine off), the vehicle speed memory set by the automatic speed limit control will be cleared.

Driver Assist System

Service Brake

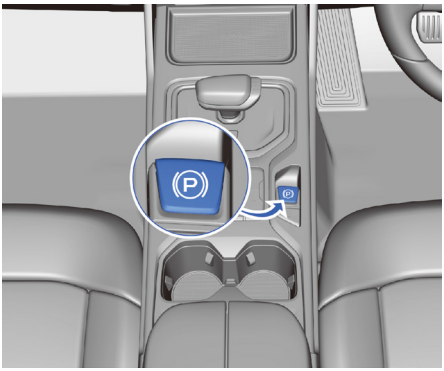
While driving, the actual braking distance will vary depending on road conditions, vehicle weight, and the amount of braking force applied. Always maintain a sufficient distance from the vehicle ahead, and avoid cadence braking or sudden braking (emergency stops).

Do not add non-original accessories to avoid affecting vehicle performance and increase risk of traffic accidents. ◀

When pressing the brake pedal, if there is a sharp metal friction sound at the vehicle brake, go to an authorised PROTON service outlet for maintenance immediately. ◀

Do not step on the brake pedal unnecessarily during driving. It may cause wear and overheating of brake parts and prolong the braking distance. ◀

Electric Parking Brake (EPB)



EPB switch

EPB Manual Release

When the ignition switch is at ON position, press and hold the brake pedal, and at the same time press down the EPB switch to release the parking brake. The EPB status indicator Ⓟ on meter instrument will turn off.

EPB Automatic Release

Start the engine. The EPB status indicator Ⓟ on meter instrument will illuminate.

Close the door, fasten the seat belt, put the gear shift lever into the drive (D) position and then gently press the accelerator pedal to automatically release the EPB. The EPB status indicator Ⓟ will turn off.

EPB Manual Parking

Pull up the EPB switch when the vehicle is stationary to manually engage the electric parking brake, and the EPB status indicator on meter instrument will turn on.

Once the electric parking brake is engaged (activated), the EPB status indicator lamp Ⓟ on the meter instrument display will turn on. If the indicator lamp does not light up, contact an authorised PROTON service outlet for inspection as soon as possible. ◀

EPB Automatic Parking

EPB will automatically engage the parking brake when the ignition switch is set to OFF position (turn off engine) or when using P button to switch gear to park (P) position.

Disabling EPB Automatic Parking Function (Vehicle Wash Purpose)

In certain situations (such as when washing vehicle), you can disable the EPB automatic parking function by following these steps:

1. Press down and hold the EPB switch to release EPB before turning off the engine.
2. Continue holding the EPB switch while simultaneously turning off the engine by pressing the ignition switch to the OFF position.

This will prevent the vehicle from automatically engaging the parking brake.

To move the vehicle when using the automatic car washing facility, move the gear shift lever to neutral (N) position and manually release the EPB. ◀

When EPB is released, the vehicle will lose its parking function. To avoid vehicle damage and serious injury, do not perform this operation on slopes. ◀

EPB Manual Emergency Braking*

If an emergency occurs while the vehicle is running, you can pull up the EPB switch continuously to activate the emergency braking function. Release the EPB switch to terminate the emergency braking.

During normal driving, do not use the EPB switch for manual emergency braking. If EPB is used repeatedly to slow down the vehicle, the brake system may be severely damaged. ◀

- If the EPB status indicator lamp (Ⓟ) in the meter instrument lights up after the EPB automatic parking function or AUTO HOLD function is disabled, this indicates that the electric parking brake system has a failure. Contact an authorised PROTON service outlet for inspection.
- If the electric parking brake system cannot be engaged, the rear wheels should be manually locked, for example by placing a wheel chock or a brick against the tyre to prevent vehicle movement, when necessary. ◀

Improper use of the electric parking brake system may cause casualties. Engage the EPB manual emergency braking function only in the event of an emergency. ◀

AUTO HOLD

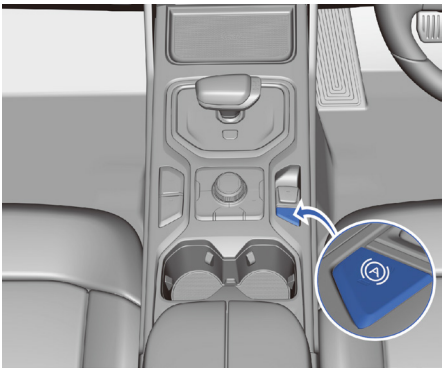
Automatic Vehicle Hold (AVH),

Automatic vehicle hold or also known as AUTO HOLD function maintains the vehicle position when the driver steps on the brake pedal to stop.

The braking force will be automatically maintained, so the driver does not need to continuously pressing the brake pedal during temporary stops, such as at traffic lights or in congestion.

When the driver steps on the accelerator pedal to resume driving, the braking force will be automatically released.

Under certain condition, vehicle may move even with AVH is activated. ◀



AUTO HOLD button

The AUTO HOLD button is located on the auxiliary instrument panel. Press the AUTO HOLD button to turn it ON or OFF.

Enabling the AUTO HOLD

When the ignition switch is at ON position, the driver's door is closed and the seat belt is fastened, the AVH function is enabled by pressing the AUTO HOLD button.

When the AUTO HOLD is turned ON (enabled), the AVH status indicator AUTO HOLD on the meter instrument display will lights up in green indicating that the AUTO HOLD function is in standby mode.

Disabling the AUTO HOLD

Press again the AUTO HOLD button again to disable the AVH function.

AUTO HOLD Activation

The AUTO HOLD function activates when several conditions are met, provided it has already been enabled:

- Driver's door must be closed.
- Driver's seat belt is securely fastened.
- Engine must be started.
- Gear shift lever must be in a position other than park (P) and reverse (R).

Once these conditions are fulfilled, pressing the brake pedal (until vehicle complete stop) will activate the AUTO HOLD function. The AVH status indicator AUTO HOLD and on the meter instrument display will lights up. The EPB status indicator will turn to green (P) (if equipped).

AUTO HOLD Deactivation

Lightly press the accelerator pedal to deactivate AUTO HOLD function and the parking brake will automatically release.

The AVH status indicator AUTO HOLD at meter instrument display will stay on, and the EPB status indicator lamp (P) will turn off, indicating that AUTO HOLD is back to standby mode.

AUTO HOLD force exit

If the AUTO HOLD function is active, any of the following conditions will cause it to deactivate and turn off (force exit):

- Unfasten the driver's seat belt
- Open the driver door
- Set the ignition switch to OFF position (turn off engine)

The AVH status indicator AUTO HOLD at meter instrument display will turn off, and the EPB status indicator lamp (P) will turn on in red, indicating that EPB has been engaged.

Anti-lock Braking System (ABS)

This vehicle is equipped with an anti-lock braking system (ABS) to help prevent the wheels from locking when maximum braking force is applied. This enhances steering control during emergency braking on most road surfaces.

Braking distances will be longer on rough, gravel-covered, or snowy roads compared to normal road surfaces. ◀

When braking, you may feel or hear a continuous "*cluck*" sound from the engine compartment and feel a vibration through the brake pedal. This is a normal result of the ABS system operating.

Once the ABS is no longer active, brake pedal feel will return to normal. ◀

Electronic Brakeforce Distribution (EBD) System

During braking, the electronic brakeforce distribution (EBD) system will automatically adjust the braking force distribution between the front and rear axles. This improves braking efficiency and works alongside the ABS system to enhance stability, helping to ensure smooth and controlled vehicle operation.

Electronic Stability Control (ESC) System

The electronic stability control (ESC) system is an active safety technology that assists the driver to maintain control of the vehicle.

It detects vehicle body instability and assist to prevent accidents by applying braking force to the wheels individually or reducing engine or power torque, guiding the vehicle back onto the intended path or direction.

The ESC system is an auxiliary system (aid only) and does not eliminate all risks. When driving on slippery or wet roads, please exercise caution and drive carefully. ◀

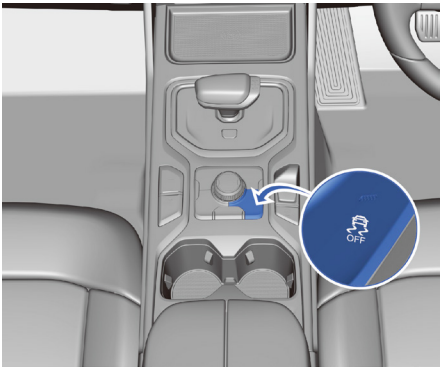
ESC system will be enabled by default when the vehicle is turned on. To keep control of the vehicle stability, the system should always be enabled.

When ESC is activated, the ESC status indicator will flash on the meter instrument. This also occurs when the traction control system is activated.

You may hear noise or feel vibration through the brake pedal. This is normal. Continue steering the vehicle in your intended direction.

If a failure within ESC system is detected, the ESC status indicator at meter instrument will be stay on and the system will not work as intended. In this case, driving style should be adjusted.

Turn OFF ESC (ESC SPORT / ESC OFF)



ESC OFF button

The ESC OFF button for electronic stability control system is located on the auxiliary instrument panel.

When the vehicle is started, ESC is enabled by default.

To disable ESC (ESC SPORT or ESC OFF), press the ESC OFF button to turn off the ESC (or turn on the ESC SPORT mode).

In ESC SPORT mode, the ESC status indicator on meter instrument display will turn off, while the ESC OFF indicator will illuminate.

In situations where traction force is limited, the ESC system can be turned off to allow better vehicle control. Examples include:

- Driving through deep snow or on soft, uneven road surfaces.
- Attempting to free the vehicle when it is stuck, such as in mud, by moving it forward and backward
- Driving with tyre chains fitted

Turn ON ESC

Press the ESC OFF button again to enable the ESC system (or turn off the ESC SPORT mode).

Then, the ESC OFF indicator in the meter instrument display will turn off.

Hydraulic Brake Assist (HBA)

During emergency braking, this function will increase the driver's braking force and reduce the braking distance.

The HBA system only helps the driver increase braking force. However, it does not guarantee accident avoidance. Always maintain a safe distance and drive with carefully. ◀

Traction Control System (TCS)

TCS is used to prevent loss of traction on the driven wheels. When the system detects that the driven wheel is slipping, TCS will apply stabilizing torque or corrective brake at the driven wheel to reduce slipping and enhance vehicle stability.

Hill Hold Control (HHC)

The hill hold control (HHC) function assists the driver in moving the vehicle smoothly on slopes.

When the brake pedal is released, HHC temporarily holds the brakes, giving the driver enough time to press the accelerator and move the vehicle forward, helping to prevent it from rolling backwards.

When starting on a slope, HHC maintains brake pressure for approximately two seconds after the driver releases the brake pedal, helping to prevent the vehicle from rolling.

HHC can be activated when the parking brake is fully released and the ESC system is functioning properly. ◀

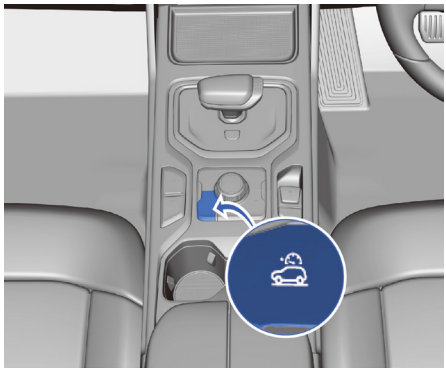
HHC maintains brake pressure for a short time after the driver releases the brake pedal. If the accelerator pedal is not pressed or the EPB is not engaged within approximately two seconds, the vehicle may roll backwards. Therefore, always drive carefully when starting on the uphill. ◀

Hill Descent Control (HDC)

The hill descent control (HDC) function will actively applies the brake when driving downhill, helping the vehicle maintain a constant speed. This allows the driver to safely descend steep slopes with greater control.

- HDC serves only as a driver assistance feature. The driver remains fully responsible for vehicle safety and must stay aware of their surroundings at all times.
- On very steep slopes, HDC may not be able to maintain a constant speed. In such cases, the driver should control the vehicle's speed by pressing the brake pedal. ◀

Function Activation



HDC button

The HDC button is located on the auxiliary instrument panel. Press the HDC button to enable or disable the Hill Descent Control (HDC) function in this interface.

- HDC can only be activated when the vehicle speed is less than 35 km/h, and the system will automatically turn off HDC when the vehicle speed is higher than 60 km/h.
- HDC cannot be enabled and it will automatically disabled when the brake temperature is too high.
- If the HDC status indicator on the meter instrument does not light up or turns yellow when turning on the HDC function, it indicates that the HDC system cannot be activated. ◀

Electric Power Steering (EPS)

The electric power steering (EPS) system monitors driving speed and adjusts power assistance in real time. This ensures easier steering at low speed, improved stability at high speed and enhancing overall driving safety.

If equipped, the steering mode can be manually adjusted via the EPS Mode Switch in the multimedia display screen settings (under Driving Mode Linkage).

If steering becomes difficult or the EPS status indicator illuminates on the meter instrument, contact an authorised PROTON service outlet as soon as possible for inspection and maintenance.

Tyre Pressure Monitoring System (TPMS)*

The tyre pressure monitoring system (TPMS) uses tyre pressure sensors mounted on each wheel valve to continuously monitor tyre pressure. TPMS alerts the driver to check the tyre via illumination of the TPMS warning light indicator .

The tyre pressure monitoring sensors transmit real time data for each tyre, which is displayed on the meter instrument display.

TPMS warning light indicator will illuminate and remain on, accompanied by an alarm message on the meter instrument display when the following alarm is triggered:

- Low Tyre Pressure Alarm
  When low tyre pressure is detected, the low tyre pressure alarm will be activated. The TPMS warning light will turn off automatically once the tyres are inflated to the recommended cold tyre pressure.
- Sensor Failure Alarm
  When any sensor fault is detected, the TPMS sensor failure alarm will be activated. The TPMS warning light remains illuminated until the issue is resolved.
- TPMS Signal Abnormality Alarm
  When any failure related to TPMS signal is detected, the TPMS signal abnormality alarm will be activated. The TPMS warning light remains illuminated until the issue is resolved.
- Multi-signal Alarm
  If the system detects low pressure in multiple tyres, the meter instrument will display alarm message in the order they are detected.
- High Tyre Temperature Alarm
  When high tyre pressure is detected, the tyre temperature value will be displayed in red. The TPMS warning light remains illuminated until the issue is resolved.
- Rapid Tyre Pressure Release Alarm
  When tyre pressure is detected reducing very fast, the rapid tyre pressure release alarm will be activated. The TPMS warning light remains illuminated until the issue is resolved.

If the TPMS warning light is illuminated, it indicates that one or more tyres have abnormal pressure.

Park the vehicle as soon as it is safe to do so, check the tyre pressure, and inflate the tyres to the recommended pressure.

This system only assists with detecting abnormal tyre pressure and does not replace regular tyre maintenance.

- The spare tyre is not equipped with a tyre pressure monitoring sensor.
- The recommended tyre pressure can be found on the tyre pressure label located on the upper outer side of the

right centre pillar.

- Please check the tyre pressure regularly and ensure it remains within the specified range.
- The TPMS is unable to detect in advance on the sudden tyre damage caused by external factors (such as a blowout), nor can it identify the gradual, uniform pressure loss over time in all tyres.
- When the vehicle is started, the tyre pressure monitoring display on the meter instrument will show historical pressure value. The system will gradually update the tyre pressure information once the vehicle reaches a speed of 30 km/h or more and has been driven for a few minutes. ◀



- For countries with distinct seasons, tyre pressure should be adjusted seasonally. Tyres should be inflated more in winter and slightly deflated in summer. Always make sure to pump the air pressure when tyres are cold.
- It is normal for the TPMS warning to be activated when driving in the area with low or high altitude. In such cases, adjust the tyre pressure in accordance with the warning (until the tyre pressure alarm turn off).
- For countries with winter season, if all four tyres are replaced with snow tyres that do not have sensors installed, the meter instrument will prompt a message indicating the absence of sensors, followed by the system failure alarm. ◀



The tyre pressure monitoring system may operate abnormally due to the following reasons:

- Installation of incompatible tyres or modifications to the wheels and tyre rim.
- Presence of fluid in the tyre or the use of tyre repair fluids.
- Driving with anti-skid chains fitted.
- Proximity to locations such as television stations, petrol stations, airports, etc., which may generate strong radio waves or electrical noise interference.
- Installation of accessories that could cause interference with the vehicle's radio receiver, electrical system, etc. ◀

Park Assist System (PAS)*

Parking Distance Control (PDC)*

The park assist system (PAS) helps the driver to avoid hitting objects when parking using the Parking Distance Control (PDC) function.

Front Parking Sensor

The parking sensors on front bumper can detect objects 0.7m to 1m away from the front part of the vehicle.

Rear Parking Sensor

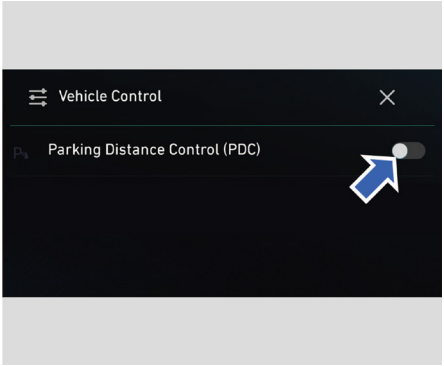
The parking sensors on the rear bumper can detect objects up to 1.5m away from the rear part of the vehicle.

Park assist system is not a substitute for the driver's vision and observation.

- PAS cannot detect objects below the bumper, under the vehicle, or those too close or too far from the vehicle.
- PAS may not be able to detect children, pedestrians, cyclists, or pets.
- PAS cannot detect tiny objects
- Pay attention to the surrounding conditions when parking the vehicle. Failure to do so can result in serious injury or property damage. Even with the park assist system, the driver must carefully check for obstacles before parking. ◀

- Regularly clean the sensor to ensure its proper operation. Use water and a neutral, specific vehicle cleaner.
- Accumulation of dust, snow, or ice on the sensor surface may cause false alarm from the park assist system.
- If the bumper is damaged, causing the parking sensor to become misaligned or deformed, the park assist system may issue false alarms or fail to detect obstacles. ◀

Function Selection



When you start the engine, by default the park assist system will be automatically enabled.

To disable it, click the following on the multimedia display screen in sequence:

Vehicle Settings → ***Vehicle*** → ***Vehicle Control***

Select Parking Distance Control (PDC) in this interface to disable the park assist system.

How the System Works

When the park assist system is active and detects obstacles within its range, the results will be displayed on multimedia unit screen display, accompanied by beeping sounds to remind the driver.

The beep sound indicates that there are obstacles in front or behind the vehicle. The frequency of beeping sound increases as the vehicle approaches the obstacle. When the distance is less than 30 cm, a continuous beeping sound will be emitted.

Due to surrounding factors, the detection performance of parking sensor may degrade in hot, extremely cold or humid weather. ◀

When the System Cannot Function Normally

Be aware that the parking sensor may fail to provide warnings or may give incorrect warnings under the following conditions:

Situations Where Obstacles Cannot Be Detected

- The parking sensor cannot detect the net-shaped obstacles like iron wires, mooring ropes and blocking net.
- The parking sensor cannot detect low obstacles like rocks, stones, wood blocks, etc.
- The parking sensor cannot detect vehicle with a high chassis.
- The parking sensor cannot detect soft objects like snow, cotton, sponge that can absorb the ultrasonic wave.
- The parking sensor cannot detect certain obstacles with irregular shapes, such as pillars, trees, bicycles, angle iron, kerbstones, and corrugated cardboard.

Situations Where False Alarms May Occur

- The surface of the parking sensor is covered in ice or water.
- The vehicle is on a steep slope.
- High-frequency radio or antenna are installed on the vehicle or being used nearby.
- The sound of nearby vehicle horns, engine noise, or exhaust fumes is too close to the parking sensor.
- Driving in snow or rain.

If the system still does not warn when this vehicle approaches an obstacle, and not caused by the above situations, please contact an authorised PROTON service outlet for inspection.

When multiple obstacles are present, parking sensors can only detect the nearest one. Please be aware if the sensor on the opposite side detects any other obstacles, as the vehicle moves. ◀

Do not use a high pressure water gun to directly spray water, and avoid squeezing or hitting the surface of parking sensor in any ways. Otherwise, it may cause system failure. ◀

Reverse Camera*

Reverse camera assists the driver when reversing this vehicle by displaying the image behind this vehicle.

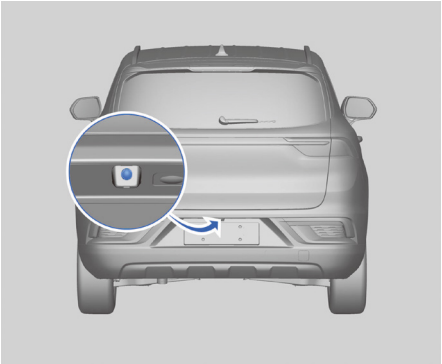
The driver must carefully observe whether there are obstacles around this vehicle before start reversing. Otherwise, casualties or property damage may occur.

The reverse camera is not a substitute for the driver's vision. Do not solely rely on the reverse camera when reversing this vehicle.

- The distance shown on the reverse camera image displayed on the multimedia screen may differ from the actual distance.
- The reverse camera cannot detect objects outside its visual range, such as those beneath the bumper or under the vehicle.
- The reverse camera may not detect children, pedestrians, cyclists, or pets.
- Do not rely on the reverse camera for long distance reversing, high-speed reversing, or in areas with crossing traffic. ◀

Position of the Reverse Camera

The reverse camera is located on the exterior of tailgate door (just above the license plate).



The reverse camera has a limited field of view and cannot detect objects in corners or beneath the bumper.

The displayed image may vary depending on the vehicle's direction and road conditions. The distance shown on the multimedia display may differ from the actual distance.

Reverse Assist Guiding Line

The reverse assist guiding line is a dynamic trajectory line that adjust according to the steering angle (steering wheel rotation).

When reversing, these lines appear over the road surface behind the vehicle (on multimedia unit display screen) and move left or right as the steering wheel is turned. It indicates the vehicle's projected path, helping the driver plan a safe and accurate reversing manoeuvre route.

- When the reverse camera is on, click the guiding line icon on multimedia

display screen interface to turn the guiding line function on or off.

- When the guiding line function is on, the guiding line icon is highlighted and the guiding line is shown on the screen. If the guiding line function is off, the guiding line icon remains operable but not highlighted.

Activating and Deactivating the Reverse Camera System

The reverse camera interface can be turned on and off as follows:

- When the gear is in Reverse (R) position, the reverse camera system will turn on (activate) automatically, and its interface is displayed on the multimedia display screen.
- When the gear shift lever is moved out of Reverse (R) position, the reverse camera system turns off (deactivate), and the multimedia display screen returns to the previously displayed interface.

Reverse Camera Disconnected

When the connection of the reverse camera is interrupted or disconnected, a prompt message will appear on the multimedia display screen, indicating that the reverse camera is not properly connected. Please contact an authorised PROTON service outlet for inspection as soon as possible.

360 Camera*

The 360 camera system is featuring a 180 degree transparent view function. It can assist driver when parking by providing real time video images of the front, rear, left, and right sides of the vehicle. The images are displayed on the multimedia display screen for driver's situational awareness.



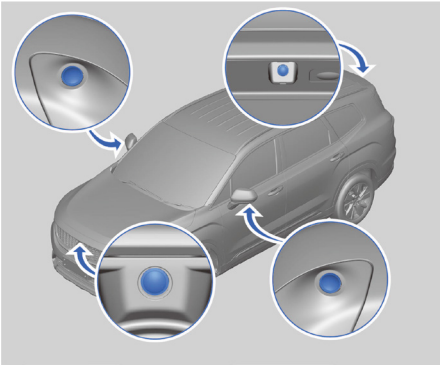
- When using the 360 Camera system, always remain aware of the vehicle's surroundings. This system is intended as a driving assist and should not be solely relied upon.
- The performance of 360 Camera system may be affected by the environmental conditions such as fog, rain, snow, night, or other low visibility situations. In such conditions, use the system with extra caution and ensure the area around the vehicle is safe before proceed with driving.
- 360 Camera has blind spot areas and may not be able to detect all obstacles around this vehicle. ◀



This vehicle is equipped with the wide angle fish eye cameras. Due to the bowl shaped imaging model, 3D images may appear stretched or distorted at the edges, and objects at the far end may appear overlapped where the image splices occur. ◀

Location of 360 Cameras

The cameras are located around the vehicle body. Refer to the picture for location of the 360 cameras.



Location of 360 HD Cameras

Entering 360 Camera Interface

The 360 Camera interface can be turned on and accessed through any of the following methods:

- If equipped, give a voice command such as below:
  "Hi PROTON, open 360 Camera".
- Tap the 360 Camera app icon on the multimedia unit screen display.
- When the steering linkage function is enabled in the 360 Camera setting interface and the vehicle speed is 30 km/h or below, activating the turn signal lamp will automatically switch the multimedia display to the corresponding left or right 3D view.
- When the obstacle detection trigger function is enabled and the vehicle speed is 15 km/h or below, the 360 Camera interface will activate automatically when the vehicle approaches a front obstacle within a certain distance range.
- Shift the gear to Reverse (R) position, multimedia display will automatically enter the 360 Camera interface.

Exiting 360 Camera Interface

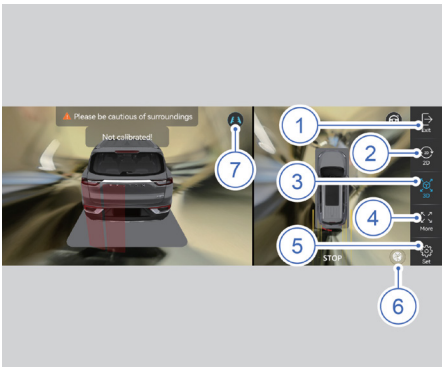
The 360 Camera interface can be turned off or exit through any of the following methods:

- If equipped, give a voice command such as below:
  "Hi PROTON, close 360 Camera".
- Click the ***Exit*** button icon at the 360 Camera interface.
- If the 360 camera is turned on by activating the left or right turn signal lamp, the 360 camera will automatically exit when the turn signal lamp is turned off.
- If the 360 camera is activated by shifting into Reverse (R) gear, it will deactivate when the gear shift lever is moved to Drive (D) position and drive the vehicle at speed exceed 15 km/h.
- If the 360 camera is triggered by an obstacle, it will be deactivated when the gear shift lever is moved to Drive (D) position and the vehicle speed exceeds 15 km/h.
- If the 360 camera interface is manually activated (not via Reverse gear or obstacle detection), it will automatically deactivate when the vehicle speed exceeds 30 km/h.

- Shift the gear to Park (P) position. If there is no operation within 5 seconds, 360 Camera will turn off.

Setting Interface

The driver can tap the specific area on the 360 camera interface to switch between different views, based on their needs.



1. Exit button
   Turn off and exit the 360 Camera interface.

2. 2D
   Switch to the 2D view effects.

3. 3D
   Switch to the 3D view effects.

4. More (multi-view mode)
   Open the multi-view selection menu for more optional views.

5. Set (settings)
   Settings can be adjusted for steering linkage mode, transparent vehicle models effect, vehicle model colour, 3D surround view, obstacle detection trigger function, and other functions.

6. Sensor alarm sound
   The sensor alarm sound can be turned on or off.

7. Reverse guiding line
   Turn on and off the guiding lines for reverse and parking. The latest selection will be memorized when the system is activated next time.

In addition to the function buttons mentioned above, tap the camera icons around the vehicle model on the 360 camera interface to quickly switch views between different viewing angles. ◀

Refuel

Safety Precautions at Petrol Station

Fuel is highly flammable and combustible especially in limited space with poor air ventilation. ◀

Pay attention to the following when refuelling:

- Turn off the engine.
- Do not smoking.
- Do not allow any sparks or open flames near the vehicle.
- Do not use a mobile phone or any portable battery operated device.
- Discharge static electricity on your body by touching a metal surface with your bare hands before attempting to hold the fuel nozzle to refuel.
- Make sure the fuel is not overflowing or overfilling.
- Observe and follow other precautions posted by the petrol station (if any).

Fuel Filler and Refuel



The fuel filler door and cap is located on the right rear side of this vehicle.

1. When the vehicle is unlocked, press the right side of the fuel filler cap to unlock and open it.
2. Slowly turn the fuel filler cap counterclockwise to remove it. Place the fuel filler cap at the designated cap holder.
3. Insert the fuel filler gun into the fuel filler hole to start refueling.
4. After complete refueling, install the fuel filler cap and turn it clockwise until a click sound is heard to ensure that the fuel filler cap is installed in place.
5. Close the fuel filler door and make sure it is securely closed.

Avoid overfill the fuel. When the gun automatically stop for the first time, stop refueling. ◀

Do not open the filler cap too quickly or overfill the fuel. Otherwise, the fuel

may spill out and cause scalding to skin. If your skin or this vehicle body in contact with the fuel, clean it immediately. ◀

In case there is a fire while refueling, do not pull out the fuel filler gun. Instead, press the emergency stop button at the petrol pump machine or immediately inform the petrol pump attendant to cut off the flow of fuel. Stay away from the scene immediately. ◀

It is recommended to check and replace the fuel system components at an authorised PROTON service outlet according to the Warranty and Service Booklet. ◀

Use unleaded fuel (RON 92 or a higher RON). The use of fuel with lower RON can cause serious damage to the three-way catalytic converter. ◀

PROTON do not recommend you to use fuel with any fuel additives that may contain octane enhancing additive such as MMT (Methylcyclopentadienyl Manganese-Tricarbonyl). ◀

This vehicle is not one designed for using fuel containing methyl alcohol. Do not use fuel containing methyl alcohol. Methyl alcohol will corrode metal parts in fuel system and damage plastic and rubber parts. Damages that have arisen from use of fuel containing methyl alcohol are not covered by warranty ◀

Emission System

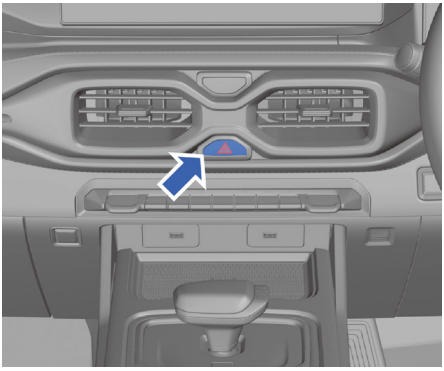
Three-way Catalytic Converter

The exhaust system of this vehicle is equipped with a three-way catalytic converter. It converts harmful gases such as CO, HC and NOx in the exhaust system into CO2, water and nitrogen through oxidation and reduction process.

Failures, such as engine misfire, after burning, etc. will cause serious damage to the three-way catalytic converter. Carry out maintenance at an authorised PROTON service outlet according to the service maintenance schedule in the Warranty and Service Booklet. ◀

Emergency Equipment

Hazard Warning Lamp



Under special circumstances when the vehicle needs to be decelerated or stopped in an emergency, press the hazard warning lamp switch. Then the hazard warning lamp indicator on the switch flashes along with the left and right turn signals to warn others. Press the switch again to turn off the hazard warning lamps.

Emergency Unlocking

Unlocking the Door during Emergency

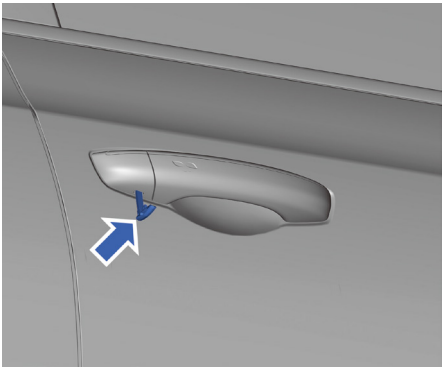
Locking and Unlocking with Mechanical Key

When the intelligent key's battery or the vehicle power has depleted, the mechanical key can be used to lock and unlock the driver door. ◀

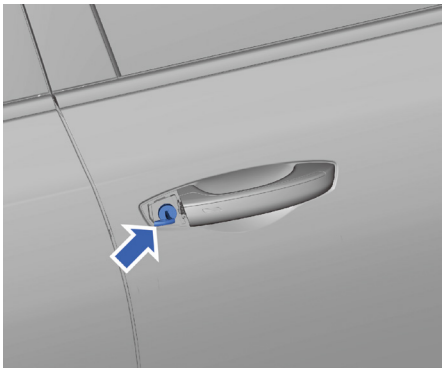
Unlocking the Driver Door

In case of emergency such as when the vehicle battery is dead, the driver door can be locked and unlocked as follows:

1. Take out the mechanical key from the intelligent key.



2. Insert the mechanical key into the hole under the driver door lock trim cover, tilt the trim cover up and remove it.



3. Insert the mechanical key into the key slot at the driver door. Rotate counterclockwise to unlock the door. Rotate clockwise to lock door.

Locking the Front and Rear Passengers' Doors

In case of emergency such as when the vehicle battery is dead, the passenger doors can be locked normally. The locking method can be done as follows:

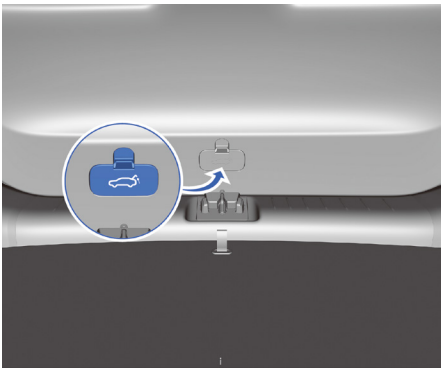
1. Take out the mechanical key from the intelligent key.



2. Insert the mechanical key into the groove at the fish mouth shaped opening of the door lock as shown and toggle it with the mechanical key.
3. Remove the mechanical key and close the door to lock it completely.

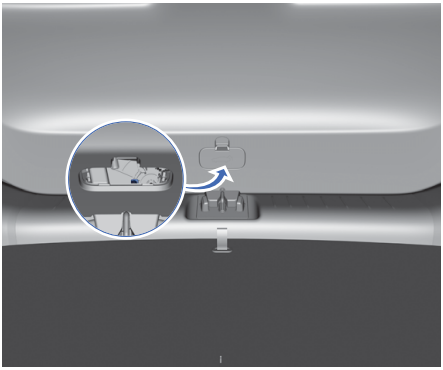
Unlocking the Tailgate during Emergency

1. Fully fold the rear row seat seatback.
2. Enter the luggage compartment from inside and find the cover of the tailgate emergency opening device on the rear trim panel of the tailgate.

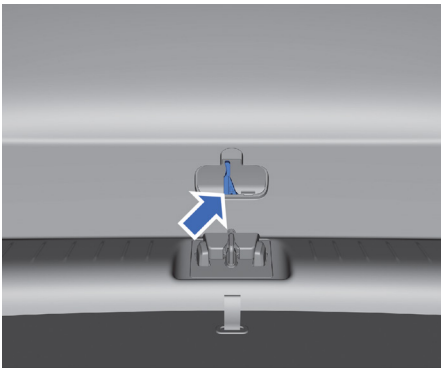


3. Open the cover of tailgate emergency opening device.
4. Move the tailgate emergency opening switch to open the tailgate as shown.

Type 1



Type 2



Intelligent Key Battery

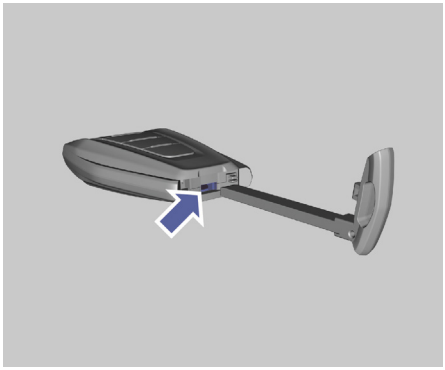
Replacing the Key Battery

Replacement of Intelligent Key Battery

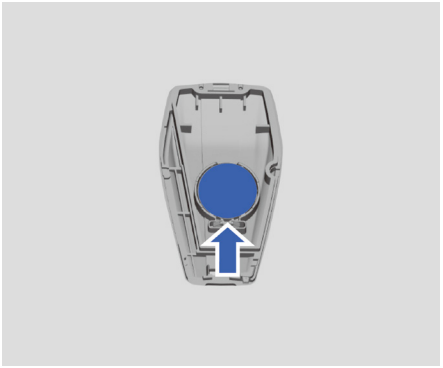
When operating the remote control to remotely control this vehicle and the detection distance of the intelligent key gets shorter than normal or this vehicle cannot recognize the intelligent key due to low battery power, the battery in the intelligent key should be replaced.

Replacing the battery yourself may damage the intelligent key.
If necessary, it is recommended to go to an authorised PROTON service outlet for replacement. ◀

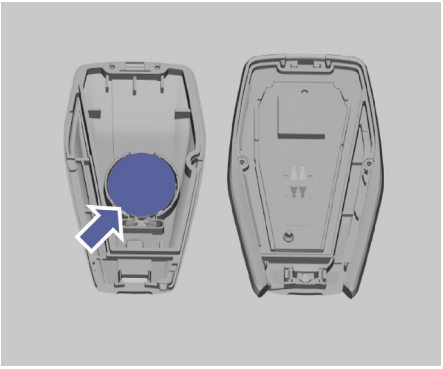
1. Pull out the mechanical key. Insert the mechanical key into the opening at the middle rear end of the intelligent key. Hold the handle and gently turn clockwise to pry the key back cover.



2. Open the intelligent key cover and replace with a new battery (battery model: 3V, CR2032), with the positive battery polarity side facing upward.



3. Reinstall the two halves of the intelligent key covers in place.



- To prevent children from swallowing the replaced battery, keep the battery out of the reach of children.
- If the intelligent key with the new battery still cannot be used, contact an authorised PROTON service outlet for inspection. ◀

Dispose the battery waste according to local regulations to avoid damaging the environment. ◀

Jump-starting the Vehicle

Jump-start with Jumper Cable

If the battery of this vehicle runs out, try to start this vehicle by using another vehicle and a jumper cable.

Do not start the vehicle by pushing or pulling this vehicle. Otherwise, this vehicle may damage. Use only batteries rated at 12 volts for jump-starting. ◀

Improper use of battery may cause personal injury. The battery is dangerous because:

- Acid contained in the battery may cause scalding.
- Gases in the battery may explode or get ignited.
- The electricity in the battery may result in burns.

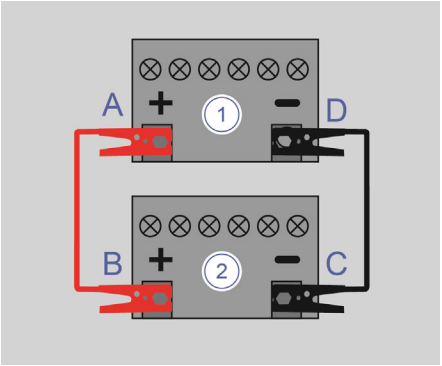
Failure to operate strictly in accordance with the following steps may cause one or several above-mentioned injuries. ◀

Connecting the Jumper Cables

Make sure to operate in accordance with the following steps to ensure safety.

Ignoring these steps may result in severe damage to the vehicle. Repair incurred thereby is not covered by warranty. ◀

1. Turn off the ignition switch and turn off all lamps and electric accessories, except hazard warning lamps (if necessary), of both vehicles.



(1) - Vehicle with weak or flat battery
(2) - Rescue vehicle with good battery

2. Connect one end of red positive (+) cable to positive (+) terminal (A) of the battery of vehicle with weak or flat battery (1).

Avoid the other end of the red positive (+) cable touching any metals before proceed to the next step. ◀

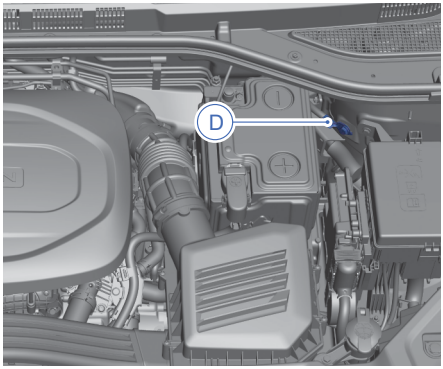
3. Connect the other end of the red positive (+) terminal (B) of the battery of rescue vehicle (2).

4. Connect one end of the black negative (-) cable to the negative (-) terminal (C) of the battery of rescue vehicle.

Avoid the other end of the black negative (-) cable touching any metals before proceed to the next step. ◀

5. Connect the other end of the black negative (-) cable to the grounding point (D) on the body of vehicle whose battery is drained, as shown in the figure.

Pay attention to check and make sure that the jumper terminal and charging terminal are firmly connected to prevent sparks when trying to start the engine.



6. Charging the battery: Start the engine on the rescue vehicle and keep the engine idle for at least four minutes to temporarily charge the battery of the vehicle with weak or flat battery.

7. Start the engine on the vehicle (1) with weak or flat battery. If the vehicle engine still cannot be started, confirm whether the jumper cable connection is correct, and then charge again the weak or flat battery. If it fails to start the engine after few attempts, the vehicle is likely required further inspection or maintenance.

If the jumper cables are connected or installed in a wrong sequence, it can cause electric short circuit and damage the vehicle. Repair caused thereby is not covered by warranty. Therefore, it is necessary to connect the jumper cables in the correct sequence, and ensure the jumper cables will not touch each other or contact other metal. ◀

- Be careful not to touch the high temperature area of the front engine compartment.
- The cooling fan and other running parts of the engine may cause personal injury. Do not touch the cooling fan or engine with hands, clothing and tools when the engine is running or not running.
- Gas may escape from the battery during charging or jumper starting. There is a risk of explosion. Keep the battery away from sparks, open flames and other flammable substances.
- Any open fire near the battery can possible cause an explosion of the gases in battery, resulting in serious personal injury or death. The electrolyte of the battery is corrosive and can easily cause serious injury if in contact with eyes and skin. If the electrolyte is splashed into eyes or on skin, immediately flush with plenty of water and seek for medical advice.
- When connecting and removing jumper cables, avoid the cables entangled with the radiator fan and belt.
- Ensure that all cables are correctly connected, and keep a certain distance between each end to

avoid contact between positive and negative electrodes. If the above steps are not followed, the repair cost is not covered by the vehicle warranty.

- If the vehicle still cannot be started after several jump start attempts, or the battery is frequently out of power, contact an authorised PROTON service outlet for inspection. ◀

Disconnecting the Jumper Cables

To disconnect the jump cables between the two vehicles, do as follows:

1. After starting the vehicle, disconnect black negative (-) cable (D) on the vehicle with weak or flat battery.
2. Disconnect black negative (-) cable (C) on the rescue vehicle.
3. Disconnect red positive (+) cable on the rescue vehicle.
4. Disconnect red positive (+) cable on vehicle with weak or flat battery.

If the jumper cables are disconnected or removed in a wrong sequence, it can cause electric short circuit and damage the vehicle. Repair caused thereby is not covered by warranty. Therefore, it is necessary to remove the jump cable in the correct sequence, and ensure the jumper cables will not touch each other or contact other metal. ◀

Vehicle Towing

Towing Instructions

- Observe the laws and regulations of the local authorities when towing this vehicle.
- The front wheels of the towed vehicle should be lifted up when a special towing truck is used. Do not tow this vehicle in a reverse condition with the front wheels on the ground; otherwise, the transmission will be seriously damaged.
- When towing a vehicle with automatic transmission, put the gear in neutral (N) position. Do not tow at a speed higher than 50 km/h. If there is no lubrication oil in the towed vehicle's transmission or the towing distance is more than 50 km, it is not allowed to tow the vehicle using this special towing vehicle.
- It is recommended to operate a flat bed truck necessarily to tow this vehicle, and get a professional towing service provider to do the towing work. ◀

Towing Eye*

Precautions When Using the Towing Eye

- Ensure that the towing eye is screwed firmly and reliably into the designated mounting hole.
- It is recommended to mount and use the approved traction rod or traction rope on the towing eye.
- Do not use the towing eye to tow the vehicle to the flatbed type rescue vehicle.
- Do not use the towing eye to rescue a trapped vehicle.

When towing with the tow eye, make sure to keep a safe distance from the rescue vehicle.

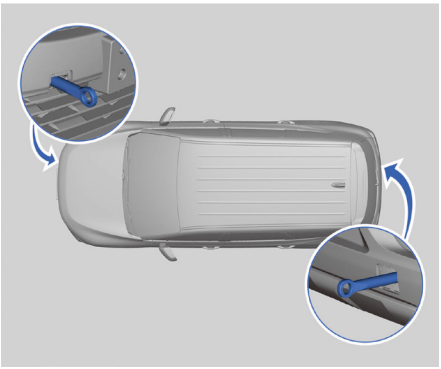
- Do not use the towing chain or belt on the towing ring. The towing chain or belt may be broken, resulting in serious injury or death.
- Failure to correctly follow towing eye instructions may cause parts to break, resulting in personal injury or death. ◀

The towing eye is only used for road rescue and shall not be used for other purposes.

- When using the towing eye, make sure to use the appropriate equipment that complies with traffic regulations (such as a rigid tow bar or tow rope), to tow the vehicle on the ground to the nearest service outlet for a short distance.
- Do not use the towing eye to tow the vehicle on off-road or road with obstacles.
- When towing with a towing eye, both rescue vehicle and towed vehicle must be on the same center line position and as far as possible. Failure to follow the above instructions may result in damage to both vehicles. ◀

Installing the Towing Eye

1. Take out the towing eye in the attached tool box in the luggage compartment.
2. Press to open the right front towing mounting cover plate located on the front bumper or rear bumper.



3. Screw the towing eye into the mounting hole to ensure that the towing eye is fully tightened.

Replacement of Tyre

Replacing Flat Tyre

In case of emergency, identify and park this vehicle on a level surface ground that does not interfere with the traffic route and safe to replace the tyre. Before replacing the tyre, turn on the hazard warning lamps and place the hazard warning triangle behind this vehicle on the road at a suitable distance according to road conditions to warn other vehicles and avoid traffic accidents. ◀

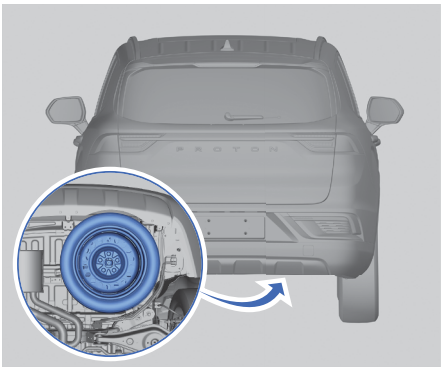
Taking out the Spare Tyre and On-board Tools

Jack and On-board Tools

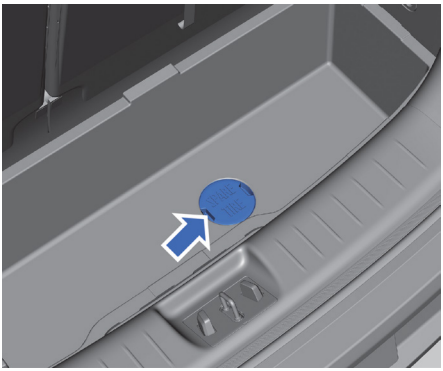
The jack and on-board tools are placed in the luggage compartment.

Only use the standard jack provided with this vehicle. Do not use other non-compliant jacks; otherwise, the vehicle may slide down due to the quality of the jack, resulting in personal injury or death. ◀

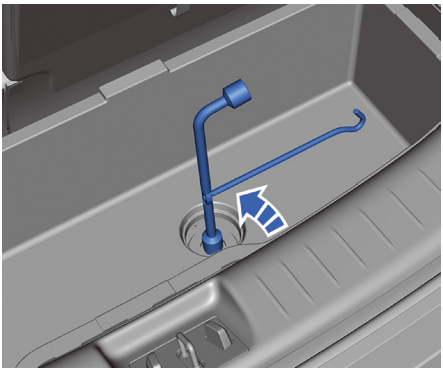
Spare Tyre



The spare tyre of the vehicle is stored at the bottom of the vehicle, directly under the luggage compartment.



After removing the floor mat, remove the tool kit attached to the spare tyre pit and open the spare tyre lock knob cover.

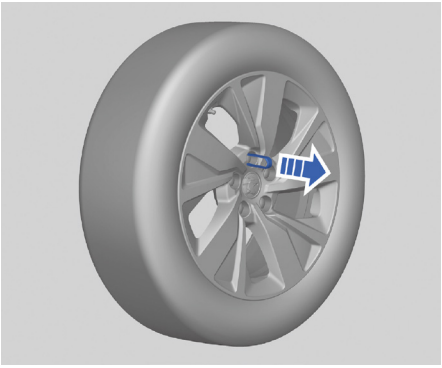


Turn the lock knob counterclockwise (direction of arrow) to remove the spare tyre.

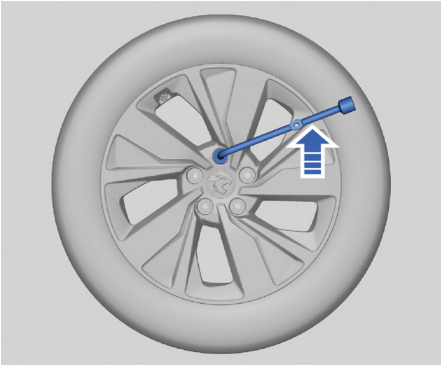
The spare tyre of the vehicle is a T-type small spare tyre. When in use, the maximum speed limit is 80 km/h. Drive the vehicle to the nearest authorised PROTON service outlet as soon as possible to replace with a new tyre. ◀

Removing the Flat Tyre and Mounting Spare Tyre

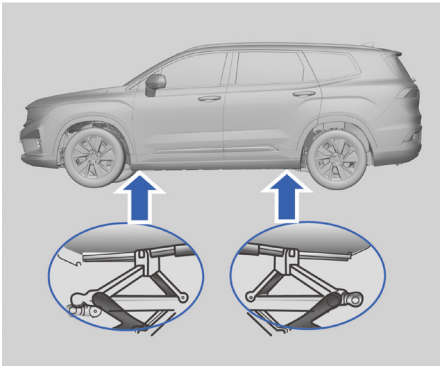
1. Carry out safety inspection first.



2. Remove the plastic plier from the tool kit and use the plastic plier to clamp the tyre nut cap as shown, and pull out the cap.



3. Place the wheel wrench on the wheel nut. Turn the wrench counterclockwise only by one turn to loosen all wheel nuts but do not take them down.



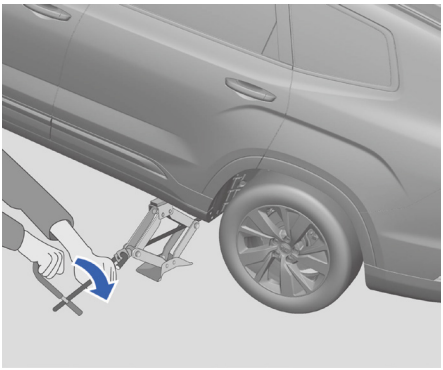
4. Place the jack head. Adjust the jack to a suitable height as shown in the figure, and then place the jack under the lifting point.

If the vehicle is lifted with the supporting position of the jack is incorrect, the vehicle can be damaged and may even slip off the jack. Before lifting the vehicle, be sure to place the jack head at the correct position to avoid personal injury and vehicle damages. ◀

The jack equipped for the vehicle can only be used to replace flat tyres. Do not go under the vehicle when the vehicle is merely supported by a jack. Personal injury or death may occur if the vehicle slip off the jack. ◀

5. Connect the jack handle.

6. Turn the jack handle clockwise as shown in the figure. Jack up the vehicle to a sufficient height away from the ground for the installation of the spare tyre.



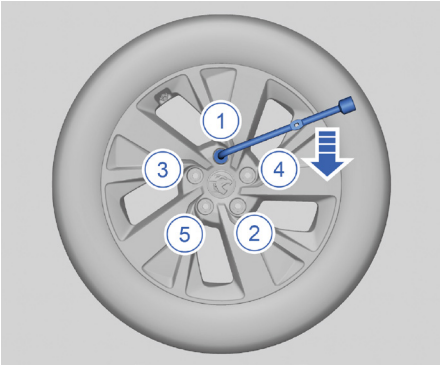
7. Remove all wheel nuts.
8. Remove the flat tyre.
9. Clean rust or dirt on the wheel bolts, mounting surface and spare wheel.

Rust or dirt on the wheel or connecting surface of the wheel will cause the wheel nuts become loose after being used for certain period of time. The wheels may possibly detach and result in accident. Clean any rust or dirt on connecting surfaces between the wheels and the vehicle with scraper blade or steel wire brush when replacing wheels. ◀

10. Install the spare tyre.
11. Screw each wheel nut clockwise with a wheel wrench until the wheel nut is fixed on the hub.

Do not apply engine oil or lubricating oil on the bolt or wheel nuts; otherwise, the wheel nut will become loose and the wheel may detach, causing traffic accidents. ◀

12. Turn the jack handle counterclockwise to lower the vehicle until the jack has been fully lowered. Take out the jack from under the vehicle.



13. Tighten the wheel nuts again in a crossing sequence as shown in the figure.
14. Install the wheel nut caps.
15. If necessary, install the hub trim cover.

If a front tyre has a fault and a spare tyre needs to be used, do not replace the front tyre with the spare tyre. For driving safety, replace the faulty front tyre with a rear tyre, and then install the spare tyre to the removed rear tyre position. ◀

Storing the Spare Tyre and the On-board Tools

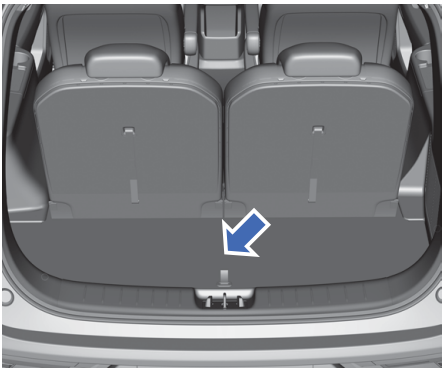
Place the spare tyre in the luggage room with the inner side facing up, screw in the knob and tighten it completely. Put the jack and other tools back into the tool kit, then place the tool kit in the trunk and secure it properly.

Storing Flat Tyre

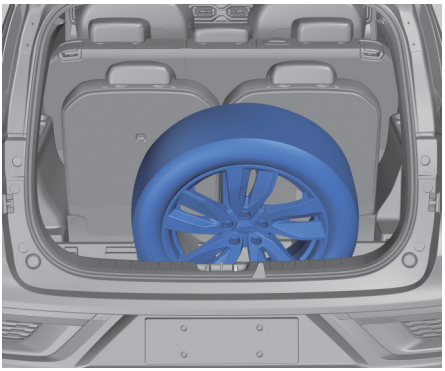
Do not store the original flat tyre at the spare tyre fixing point that is below the luggage compartment. The space is only for storing the spare tyre. Otherwise, the mproper fixing may cause damage to the vehicle parts under the vehicle and traffic accident may occur. ◀

Store the original flat tyre inside the luggage compartment as following arrangement:

Method 1:



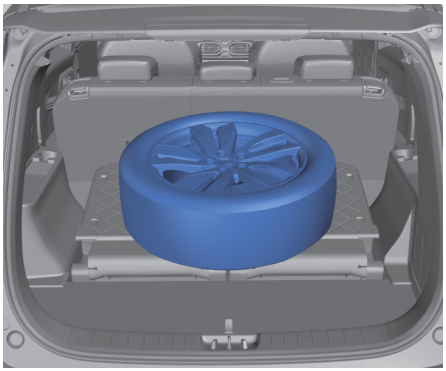
1. Open the cover.of the storage box of the luggage compartment.



2. M

3. Make sure the seatback is in upright condition. Then, place the flat tyre upright inside the storage box (with the spoke of the wheel facing rear side) and secure its position.

Method 2:



1. Fold the seatback of the rear row seat and make it flat as shown in the picture.
2. Place the flat tyre in the centre of the rear row seat (with the spoke of the wheel facing upside) and secure its position.

While driving with the flat tyre stored inside the luggage area, avoid driving on roads with potholes and bumps. Otherwise, the stored flat tyre can possibly hit the interior parts of this vehicle or the occupants inside the vehicle. ◀

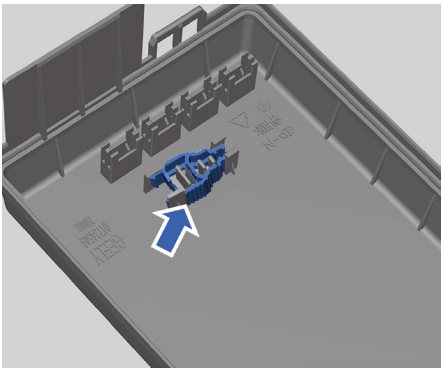
If the flat tyre is contaminated, cover the flat tyre i.e. with a plastic bag, etc, before storing it inside the vehicle to avoid contaminate the interior cabin and cause unpleasant odor. ◀

Replacement of Fuse

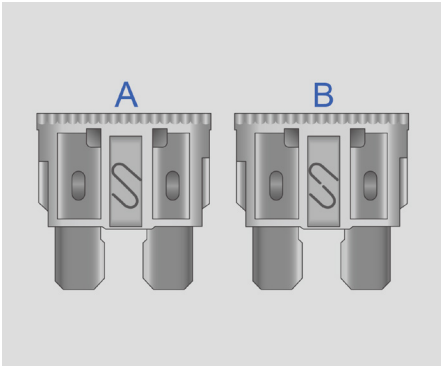
Inspection or Replacement of Fuse

If any electrical component does not work, the fuse may have blown. If this happen, it is recommended to check as follows and replace the fuse if necessary:

1. Turn off the ignition switch and all electrical appliance. Disconnect the negative cable of battery.



2. Clamp the fuse head with fuse clip, and remove the fuse. Check whether the metal wire is blown.



A - Fuse is in good condition
B - Fuse is blown

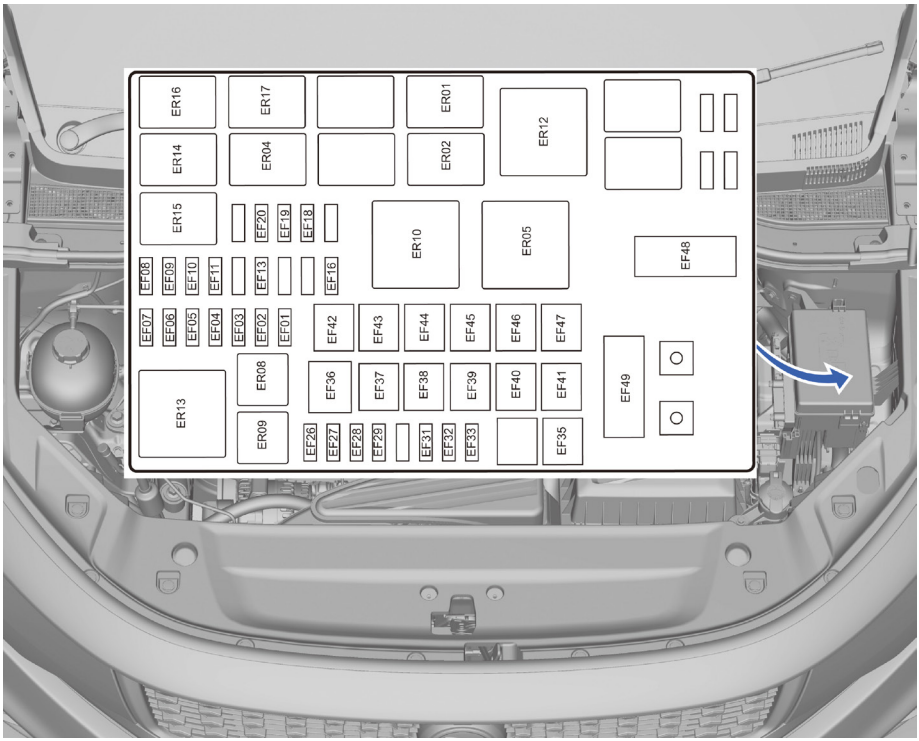
3. Replace with a new fuse with same amperage. If the replaced fuse is blown again immediately, contact an authorised PROTON service outlet for inspection as soon as possible.

Do not try to repair any blown fuse. Do not substitute any blown fuse with a fuse of different color or amperage. Otherwise, the electrical system will get damaged or catch fire due to the overload of wires. ◀

The fuse color represents the amperage of the fuse, which is also marked on the fuse. ◀

All electrical parts and components in this vehicle can easily get damaged by a splash of liquid. Be sure to secure the covers of all electrical parts and components. ◀

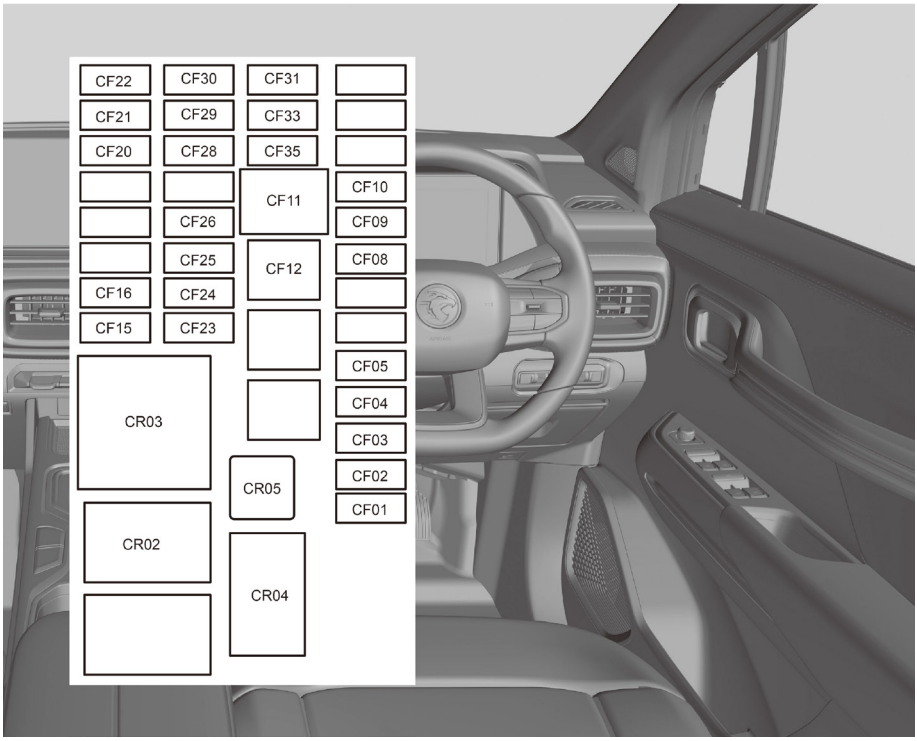
Exterior Fuse Box
(Fuse Box in Engine Compartment)



Fuse No.	Name	Ampere value	Description
EF01	7DCT Gearbox fuse	30A	-
EF02	7DCT Gearbox fuse	30A	-
EF03	EMS fuse	10A	-
EF04	IBC door lock power supply fuse	25A	-
EF05	IBC exterior lamp power supply fuse	30A	-
EF06	Fuel pump fuse	20A	-
EF07	Horn fuse	20A	-
EF08	Solenoid valve/brake switch fuse	10A	-
EF09	Oxygen sensor fuse	10A	-
EF10	Ignition coil fuse	15A	-
EF11	Main relay power fuse	30A	-

Fuse No.	Name	Ampere value	Description
EF13	Starting feedback fuse	5A	-
EF16	Rear blower feedback fuse	5A	-
EF18	ESC fuse	5A	-
EF19	ECM/TCU fuse	10A	-
EF20	BMS / BSG fuse*	5A	-
EF26	A/C compressor fuse	10A	-
EF27	IBC power supply fuse	30A	-
EF28	Front wiper fuse	30A	-
EF29	Battery sensor fuse	5A	-
EF31	IBC exterior lamp power supply fuse	15A	-
EF32	Rear defroster fuse	25A	-
EF33	BSG fuse*	10A	-
EF35	Interior fuse box power supply 2 fuse	60A	-
EF36	Cooling fan fuse	60A	-
EF37	Rear blower fuse	30A	-
EF38	Front blower fuse	40A	-
EF39	Driver's seat fuse*	30A	-
EF40	Front passenger's seat fuse*	25A	-
EF41	Power window fuse	30A	-
EF42	TCU fuse	30A	-
EF43	Starter fuse	30A	-
EF44	TCU fuse	30A	-
EF45	ESC motor fuse	40A	-
		60A	-
EF46	ESC fuse	40A	-
EF47	Interior fuse box power supply 1 fuse	60A	-
EF48	Electric power steering (EPS) fuse	80A	-
EF49	Alternator fuse	175A	-

Interior Fuse Box
(Fuse Box in Instrument Panel)



Fuse No.	Name	Ampere value	Description
CF01	Brake lamp switch fuse	10A	-
CF02	Interior light power supply fuse1	30A	-
CF03	Front blower relay coil fuse	10A	-
CF04	Front / rear wiper washer fuse	15A	-
CF05	IG2 power supply fuse	20A	-
CF06	PAS / BSD fuse*	10A	-
CF08	DLC (diagnostic) fuse	10A	-
CF09	PEPS / EPB switch / RF receiver module fuse	10A	-
CF10	Gateway fuse	10A	-
CF11	Meter instrument / radio control fuse	25A	-
CF12	Power window control module fuse	30A	-

Fuse No.	Name	Ampere value	Description
CF13	Sunroof control module fuse*	40A	-
CF14	Power tailgate fuse*	30A	-
CF15	A/C control panel fuse	10A	-
CF16	Seat ventilation fuse*	10A	-
CF20	Radio control unit / IBC / dashboard camera* fuse	10A	-
CF21	12V power supply fuse	15A	-
CF22	USB fuse	15A	-
CF23	Mode switch / EPS fuse	5A	-
CF24	Airbag control module fuse	5A	-
CF25	Meter instrument / Gear shift lever / Front camera* fuse	10A	
CF26	IG1 power supply fuse	15A	
CF28	Reverse radar controller / seat fuse*	5A	
CF29	T-Box* / Gateway / IBC fuse	5A	
CF30	Light adjusting motor fuse	5A	-
CF31	Radio control unit / TBOX / dashboard camera fuse*	10A	
CF33	USB fuse	15A	-
CF35	Meter instrument / 360 camera / A/C fuse	10A	

Replacement of Bulb

Bulb Specifications*

The LED bulb equipped with this vehicle cannot be replaced by the user. If the bulb is abnormal or damaged, go to an authorised PROTON service outlet to replace it.

Foggy Headlamp

When there is a temperature difference between the inside and outside of the lamp shade of the front combination lamp, such as in rainy days or when washing the car, there may be temporary fogging in the lamp shade. This is natural. The fog will dissipate after the lamps are turned on for a short time. If it does not dissipate, contact an authorised PROTON service outlet for inspection. ◀

Emergency Handling

Engine Overheating



- When the engine is overheated, do not continue to drive, otherwise the engine may be damaged or the vehicle may catch fire.
- The front engine compartment cover can only be opened when there is no steam or coolant overflow.
- When the engine and radiator are at a high temperature, the expansion tank cover must not be opened.
- When the engine is running, keep hands and clothes away from the cooling fan and the engine drive belt. ◀

If the engine overheats, the following steps can be taken:

1. Drive the vehicle safely off the road, stop and turn off the air conditioner, turn on the hazard warning lamp, engage Park (P) gear position, and activate the electric parking brake (EPB).
2. If the engine overheating is caused by climbing a long slope in hot weather, run the engine at idle speed until the coolant temperature indicator goes out.
3. Check and listen for steam or coolant spillage in the front engine room.

4. If there is no obvious coolant overflow, the overheating may be caused by radiator fan failure or low coolant level. Contact an authorised PROTON service outlet for maintenance as soon as possible.

Getting Vehicle Out of Trap

When the vehicle is trapped in snow, mud puddles or other soft roads, please take the following steps to get out:

1. Observe the front and rear areas of the vehicle to ensure that there are no people or obstacles.
2. Turn the steering wheel left and right to grind out an area around the front wheels.
3. Engage the drive (D) and then reverse (R) gear to move the vehicle forward and backward slowly.
4. If you still cannot get out of the trap after many attempts, seek professional trailer services.

When using forward and backward movement to drive the vehicle out of the trap, it may suddenly rush forward or backward. The driver must keep alert at all times to avoid casualties. ◀

Emergency Shutdown

In case of emergency during driving, if the ignition switch cannot be turned off normally, press and hold the ignition switch for 2 seconds or press the ignition switch continuously to stop the vehicle in an emergency.

During driving, do not use the emergency shutdown function in unnecessary situations, otherwise the vehicle may lose control. If the vehicle must be shut down in an emergency, slow down as much as possible before proceed with the emergency shutdown operation. ◀

THIS PAGE IS INTENTIONALLY LEFT BLANK

Maintenance Instruction

Regular Maintenance

It is recommended to pay attention to the vehicle status regularly to keep your vehicle in the best condition.

Maintenance of Doors

The door hinges need to be smeared with grease regularly; otherwise there may be abnormal noise when opening and closing the door.

Maintenance of Sunroof Glass*

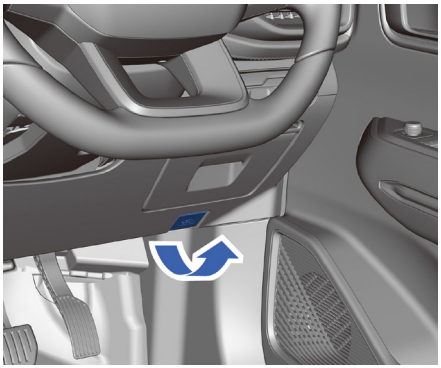
If equipped, use glass cleaner to clean the glass panel of sunroof. Do not use viscous cleaners!

Maintenance of Sunroof*

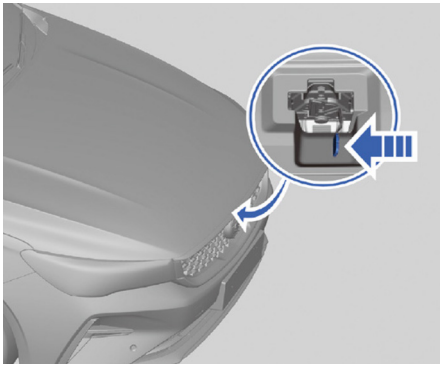
- If you often use sunroof in windy and dusty environments, use wet sponges regularly to clean the dust and soil around the glass strips.
- If the vehicle is parked or the sunroof is not being used for a long period of time, apply fine talcum powder or specific lubricant to clean the strips around the sunroof.
- When washing the vehicle, check whether the sunroof strips, drain holes and grooves are covered by dust, leaves, branches and other foreign matters. Remove and clean them if any.

Opening and Closing the Engine Hood

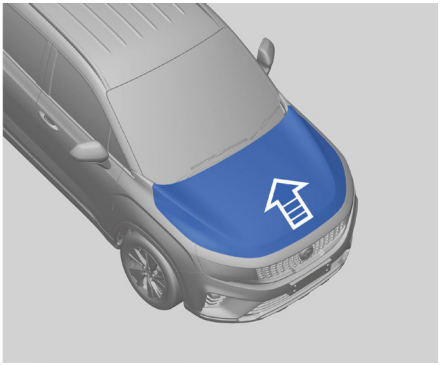
Opening the Engine Hood



1. Pull the open handle of the engine hood at the lower left of the instrument panel on the driver's side;



2. A little to the right of the middle position, reach into the gap between the engine hood and the trim panel, and push the handle of the safety hook of the engine hood lock to the left.



3. Lift the engine hood. Take off the support pole to support the engine hood.

Closing the Engine Hood

Before closing the engine hood, check if any tools, rags, etc. have been left in the engine compartment, and make sure all filler caps are closed. ◀

1. Let the engine hood falls freely at a position about 20 cm away from the closed position, and a click sound is heard, indicating that the engine hood has been locked;
2. After closing the engine hood, verify that it is fully locked by trying to lift the front edge of it.

If the engine hood is not completely locked, open the engine hood again, and then repeat the above steps to close it. Do not press against the hood directly with force.

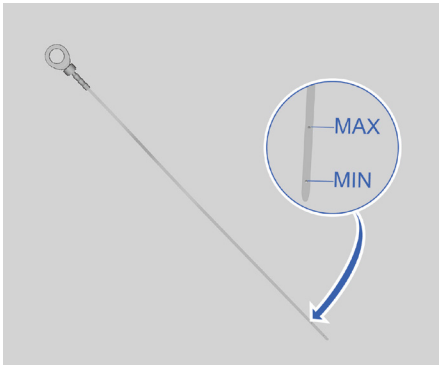
Do not drive the vehicle with the engine hood is not properly closed. ◀

Oil and Fluid

Engine Oil

Check and Adding Engine Oil

1. Stop the vehicle on a flat road, turn off the engine, and wait for a few minutes (the engine is heated to 90°C, and the engine is stopped for 10 minutes);
2. Pull out the engine oil dipstick, clean with tissue or cloth and then re-insert to the bottom.



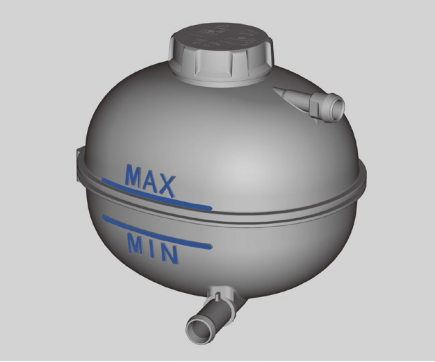
3. Pull out the oil dipstick again to check the engine oil level.
4. If the engine oil level is lower than the MIN mark, it is necessary to screw off the engine oil filler cap and refill engine oil to a level between the MIN and MAX marks on the engine oil dipstick.
5. Wait for several minutes and inspect engine oil level again. Refill appropriate engine oil if necessary.
6. Finally, insert the engine oil dipstick properly and fit the engine oil filler cap properly.

During the run-in period of a new engine, more oil may be consumed. This is normal. Please maintain the engine in accordance with the Warranty & Service Booklet. ◀

Only use the engine oil recommended and approved by the PROTON. ◀

Please dispose of the used engine oil in accordance with relevant environmental protection laws. ◀

Coolant



Make sure to park the vehicle on flat ground when inspecting engine coolant level. Check that the coolant level in the coolant expansion tank is between MAX and MIN marks. If the coolant level is lower than the MIN mark, fill the coolant expansion tank with coolant according to the specified procedure.

Before opening the pressure cap of coolant expansion tank, ensure the cooling system (including the pressure cap of coolant expansion tank and the upper hose of radiator) has completely cooled down.



1. Turn the pressure cap counterclockwise slowly to open. If you hear any “fizz” sound, it indicates that there is still pressure inside the expansion tank. Let the “fizz” sound disappears first before continue opening the pressure cap;
2. Continue to turn the pressure cap and remove it.
3. Slowly fill in the coolant until the coolant level in the expansion tank reaches between MAX and MIN lines, and make sure the coolant level does not drop;
4. With the coolant expansion tank cap opened, start the engine and keep it running until the upper radiator hose begins to heat up. At this time, the coolant level in the coolant expansion tank may drop. If the coolant level is below the MIN line, add a proper amount of coolant to the coolant expansion tank until the coolant level stabilizes and reaches the position between the MAX and MIN lines of the coolant expansion tank.

5. Observe the drop of the coolant in the coolant expansion tank and replenish the coolant in time. The coolant level in the coolant expansion tank should be kept between the MAX line and MIN line.

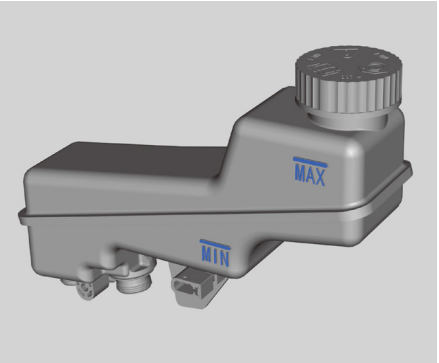
6. Observe the vent of the coolant expansion tank. When there is continuous coolant flowing out from the vent of the coolant expansion tank and the coolant level in the coolant expansion tank does not drop anymore, tighten the pressure cap of the coolant expansion tank. With this, the coolant is filled.

Refill the ethylene glycol-type coolants. Damage or failure caused by the use of other coolant type or non-compliant coolant mixture is not covered by PROTON's warranty. ◀

Brake Fluid



Check the brake fluid level regularly to ensure that the brake fluid level is between the MAX and MIN marks.

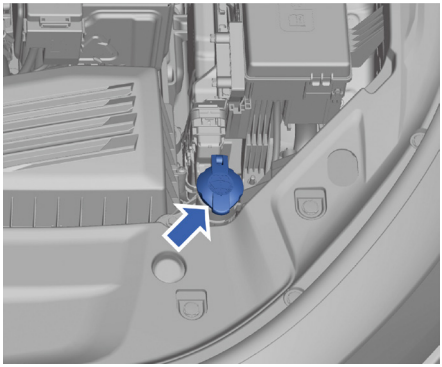


If the brake fluid level is lower than the MIN scale mark, open the reservoir cap and slowly pour in brake fluid to prevent the brake fluid from overflowing. In case of accidental spillage, it shall be removed immediately, otherwise the parts in the engine compartment will be damaged.

- Brake fluid is harmful to human body. In case of accidental contact, rinse immediately with plenty of water. If the brake fluid is taken by mistake, consult a doctor immediately.
- Brake fluid leakage causes the brake fluid level to drop. Go to an authorised PROTON service outlet for maintenance as soon as possible.
- Apply the brake fluid of the manufacturer and brand designated by PROTON; otherwise it will seriously damage the parts of the brake hydraulic system and affect the braking performance and distance. ◀

Washer Fluid

Topping up Washer Fluid



Open the filler cap with a washer sign engraved on it. Top up an appropriate amount of washer fluid.

The freezing point temperature of the washer liquid should be 10°C lower than the local minimum ambient temperature. ◀

Do not add liquids such as soapy water instead of washer liquid, otherwise the paintwork of the vehicle body may be damaged. It is recommended to use approved windshield glass washer fluid. ◀

Wiper Blades

Replacement of Wiper Blades

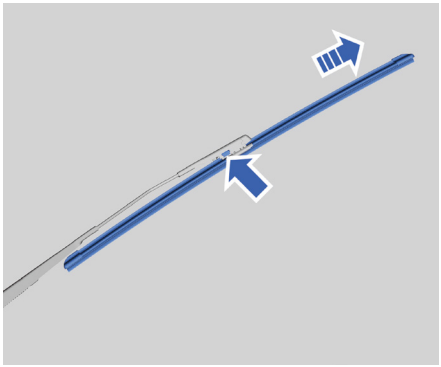
- Grease, silicon and petroleum products will weaken the wiping effect of wiper blades. Wash wiper blades in warm soap water and check their conditions regularly.
- Wash windshield glass frequently, and avoid using wiper blades to wipe sands on windshield glass so as to avoid affecting wiping effect of wiper blades and reducing their service lives.
- It is necessary to replace wiper blades if the rubber is found to be hardened or have cracks, or if wipers leave scratch on windshield glass or cannot reach a certain area.
- Clean windshield glass regularly with approved windshield glass washer fluid, and ensure to clean windshield glass thoroughly before replacing wiper blades.
- Only use wiper blades of same specification as original wiper blades.
- If a wiper or a windshield is covered by ice or snow or is frozen, it is necessary to remove ice and snow on the wiper or the windshield glass before using the wiper, so as to prevent the wiper from being damaged.

- Do not use the wipers when a windshield surface is dry or there are hard objects on the surface; otherwise it is possible to damage wiper blades and windshield glass. ◀

Replacement of Front Windshield Wiper Blades

1. After the ignition switch is set from ON to OFF position, immediately move the wiper control lever from the **O** position to **inching wiper** position for several seconds to execute the wiper maintenance mode.
2. Pull the front windshield wiper blade away from the windshield glass.

When the front windshield wiper blade is in upright position, do not open the engine hood, otherwise the front windshield wiper blade or the front engine compartment hood will be damaged. ◀

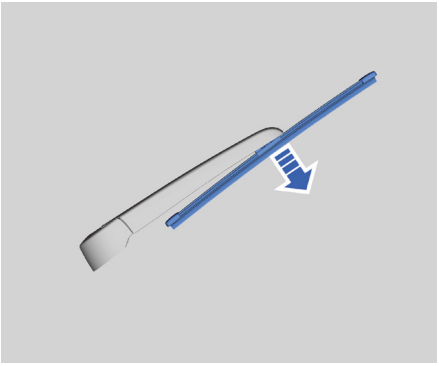


3. While pressing the clip of the wiper blade, pull the wiper blade in the direction of the arrow to release it from the wiper arm;
4. Remove the wiper blade.

When front windshield wiper blade is not mounted, the windshield will be damaged if the wiper arm gets in touch with the windshield. Any damages caused thereof will not be covered by vehicle warranty. ◀

5. Install wiper blade in reversed sequence of step 2 to 4.
6. After the ignition switch is set to ON position, turn the wiper control lever to any position, and the wiper will return and exit the maintenance mode.

Replacement of Rear Windshield Wiper Blade*



1. Pull the rear windshield wiper blade away from the rear windshield.
2. Pull the wiper blade along the arrow direction and take it down directly.
3. Install rear windshield wiper blade in reversed sequence of step 1 to 2.

Battery

Maintainance of the Battery

This vehicle is fitted with maintenance-free battery.

Binding posts, terminals and relevant accessories of the battery contain lead and lead compound that can affect health. If contacted, neutralize with soap and rinse thoroughly with water. ◀

To extend the service life of battery and maintain the normal operation of electric systems of the vehicle, please pay attention to the following recommendations:

- Prevent the battery from discharging completely to avoid electrolyte being frozen when driving in a cold area.
- Prevent the battery being excessively charged or being short of electricity for a long term.
- It is necessary to charge the battery from external power supply when the battery is under voltage.
- Keep the battery away from heat source and open fire. When charging or using the battery, keep the place ventilated to prevent burning and hurting people.
- To prevent the battery from discharging at a high current for a long time, the starting time for each use should not be more than 5 seconds, and the interval for two consecutive starts should be 10 ~ 15 seconds.
- The battery shall be firmly installed on the vehicle to reduce vibration.
- Make sure the fastening clamps of battery terminals are firmly installed and contacted well to prevent from sparks and battery explosion caused by such sparks. Get rid of oxide and sulfate produced on fastening clamps of the battery and apply petroleum jelly on the clamps.
- There will be weak current consumption in the circuit system when the vehicle is parked, and the electricity of the battery will be drained when the vehicle is parked for a long time. Therefore, if the vehicle is to be stored for a long time, the black negative (-) wire should be removed from the low-voltage battery to prevent the battery from discharging.
- The vehicle should be stored in a cool, ventilated, clean and dry environment. If the vehicle is parked in an enclosed and humid environment for a long time, the rust and aging of vehicle parts will be accelerated.

Please follow the recommendations and requirements in the Warranty and Service Booklet to carry out regular maintenance on the vehicle in a timely manner.

Replacement of Battery

Make sure to use the same model and specifications of battery when replacing the battery. Contact an authorised PROTON service outlet to remove, replace and install the battery.

After the battery is replaced, hand over the used battery to an authorised PROTON service outlet for disposal, or deliver it to the collection depot meeting the local regulations on the environmental protection.

There is highly corrosive toxic substance in battery. Please keep battery facing up when transporting and storing it. ◀

Acid liquid of battery may cause scalding and the gases produced are explosive. Personal injury or death may occur. ◀

Tyre

Maintainance of the Tyre

When to Check Tyre

Inspect tyres including spare tyre at least once every month.

How to Check Tyres

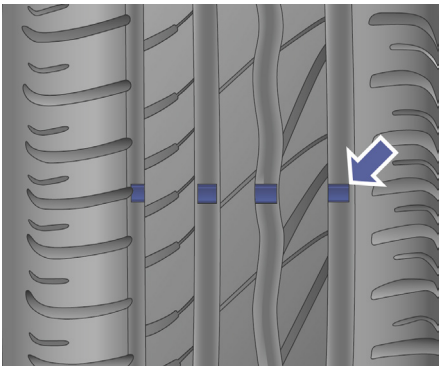
Use a high-quality compact tyre pressure gauge to check the tyre pressures. Inspect tyre inflation pressure when the tyre temperature is low. Remove the valve cap from the tyre valve core. Connect tyre pressure gauge to the valve and measure the pressure by force. If the cold tyre inflation pressure complies with recommended pressure value on tyre pressure label, it is unnecessary to make adjustment.

If the inflation pressure is too low, continue inflating to the recommended pressure value. If the tyre is inflated excessively, press the metal valve core of the tyre valve to deflate. Inspect the tyre pressure again with a tyre pressure gauge.

Always install the valve cap back on the valve core. The valve cap can prevent dust and moisture from entering the tyre.

Tyre Tread Wear

The tread wear indicator will appear when the tyre is worn to 1.6 mm or less of tread. After the tyre wear reaches the limit, replace it as soon as possible.



If uneven tyre wear is found, or some continuous vibration is felt while driving, go to an authorised PROTON service outlet for inspection. When installing a new tyre, make sure to perform the wheel dynamic balancing.

If the tyres with shallow tread patterns or exposed wear marks are used continuously, it will lead to extended braking distance, steering failure, tyre breakage, etc., which is easy to cause accidents. ◀

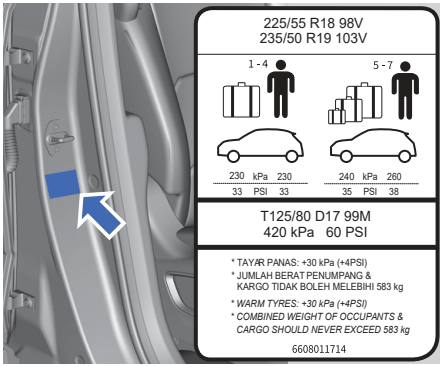
Please dispose of used tyres in accordance with relevant local regulations of the environmental protection. ◀

If the front tyre is faulty, do not replace the front tyre with the spare tyre. For driving safety, remove one of the normal rear tyre and replace the faulty front tyre with the normal rear tyre, and then install the spare tyre to the removed rear tyre position.

After adjusting the normal rear tyre of the vehicle to the front wheel or replacing the spare tyre, the tyre pressure display value on the meter instrument (for some models) will not be correct because the tyre pressure monitoring system has not adaptive-learned.

Once the faulty tyre has been repaired, drive the vehicle to an authorised PROTON service outlet to adaptive-learn the tyre pressure monitoring system (if equipped) to ensure driving safety. ◀

Tyre Pressure



Tyre pressure labels are posted above the outside of the right center column of this vehicle. It indicates the front and rear tyre pressures and spare tyre pressure of the vehicle.

Tyres can work effectively only when they have correct inflation pressures. Under inflation or over inflation may adversely affect the service life of the tyres and the handling performance of the vehicle, causing the vehicle to lose control. ◀

Tyre Pressure Monitoring System (TPMS)*

Direct-type Tyre Pressure Monitoring System

The tyre pressure monitoring system alerts the driver to check the tyre pressure by turning on the abnormal tyre pressure warning lamp.

If the abnormal tyre pressure warning lamp is on, it indicates that one or more tyres have abnormal tyre pressure. Then, stop the vehicle as soon as possible, check the tyre pressure and inflate the tyre to the correct tyre pressure.

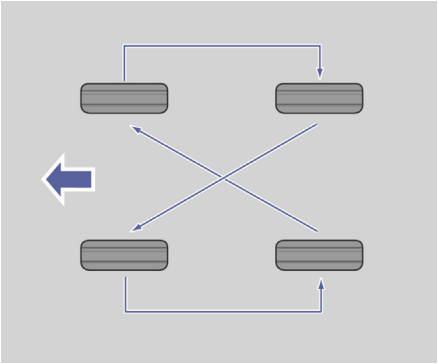
The cold tyre pressure is marked at the tyre pressure label on the vehicle. Tyre pressure monitoring system of the vehicle can remind you of abnormal tyre pressure but it cannot substitute the driver's responsibility to inflate the tyre pressure to the correct specified value.

The spare tyre is not equipped with a tyre pressure monitoring sensor. ◀

When driving the vehicle in winter, if all tyres are replaced with snow tyres (the sensors are not installed on the snow tyres), the meter instrument will prompt that the sensors are missing and give a system failure warning. ◀

Tyre Rotation

All tyres shall be rotated its position every 10,000 km of travelling.



Rotate the positions of all tyres according to the sequence shown in the figure. Then, adjust the inflation pressure of the front and rear tyres to the correct tyre pressure as shown in tyre pressure label on the vehicle.

- Do not use compact spare tyres when rotating.
- All wheels need to be installed correctly. After rotating the tyres, adjust all tyre inflation pressure to the correct specified value. ◀

Wheel Alignment and Wheel Balancing

If you find the tyre gets wear abnormally or the vehicle deviates when driving straight, it is necessary to inspect the wheel alignment. If the vehicle jolts when running on smooth road surface, it is necessary to rebalance the tyres and wheels.

Contact an authorised PROTON service outlet for maintenance as soon as possible.

Replacement of Wheels

It is necessary to replace bent, cracked or severely rusted or corroded wheels. It is necessary to replace wheels, hubs and wheel nuts if wheel nuts often become loose. It is necessary to replace the tyre if tyre has air leakage. Consult with authorised PROTON service outlet if cases mentioned above appear. PROTON service outlets know which wheels you should use.

New wheels should have same loading capacity, diameter, width and eccentricity as replaced wheels. The installation method should also be the same. If it is necessary to replace any wheel, wheel nut or tyre pressure monitoring system (TPMS) sensor, you should only use the recommended spare parts provided by PROTON. This is to make sure the wheel, wheel nut and tyre pressure monitoring system sensor match for this vehicle.

If a front tyre has fault, make sure not to replace the front tyre with spare tyre directly. For driving safety, remove your normal rear tyre and install the rear tyre to the position of the faulty front tyre. Then install the spare tyre to the position of the removed rear wheel. ◀

It will be very dangerous to use inappropriate substitute wheel or wheel nut on this vehicle. It may affect the brake performance and drivability of the vehicle, making the tyres leak and causing the vehicle to be out of control. It might result in accident and personal injuries. Therefore, it is necessary to use correct wheels and wheel nuts when replacing them. ◀

The TPMS has the ability to relearn. After rotating the position of tyres, the system able to learn and correct it by itself. ◀

Using wrong wheel will also cause problems to the service life of the bearings, brake cooling, speedometer or odometer calibration, front headlamp beamfocusing, bumper height, ground clearance, and clearance between the tyres-tyre chains and the vehicle body-chassis. ◀

Use of Old Wheel

It will be very dangerous to install used wheel on this vehicle. We cannot know how the used wheel has been used and how many mileages it has traveled. It will has fault suddenly and result in accident. Make sure to use the original wheel when replacing wheel.

Flat Tyre

The following situations will occur when the tyre flats while driving. Corresponding measures shall be taken according to different situations:

1. If a front tyre flats, the dragging of the flat tyre will cause the vehicle to deviate towards the side where the flat tyre is. Release the accelerator pedal and hold the steering wheel firmly. Keep steering the vehicle in the lane to maintain the vehicle under control. When the traffic condition is safe, steer the vehicle to a designated side emergency lane or on a safe side of the road, then press the brake pedal to park the vehicle as soon as possible.
2. If a rear tyre flats, release the accelerator pedal and hold the steering wheel firmly. Keep steering the vehicle in the lane to maintain the vehicle under control. The vehicle may jolt and cause noise, but the steering still can be controlled. When the traffic condition is safe, steer the vehicle to a designated side emergency lane or on a safe side of the road, then press the brake pedal to park the vehicle as soon as possible.

If you find that the tyre has a slow air leak, follow the steps below:

1. Drive the vehicle slowly to a safe and flat surface road away from the traffic to avoid further damage to the tyres and wheels.
2. Turn on the hazard warning lamp and place a triangle warning sign board at an appropriate position behind the vehicle.
3. Replace vehicle tyres.



To prevent the vehicle from moving, it is necessary to take the following measures:

- Engage the electric parking brake.
- Put the transmission gear shift lever into Park (P) or Neutral (N) position.
- Turn off the engine. Do not restart the engine when the vehicle is lifted with a jack.
- Do not allow occupants to sit in the vehicle when the vehicle is lifted with a jack.
- Before changing the wheel, place blocks in front and behind of the rest of the tyres. ◀

Cleaning the Vehicle

Exterior Cleaning

Washing the vehicle frequently helps to protect the appearance of the vehicle. When washing the vehicle, turn off the ignition switch and park the vehicle in a cool shady area.

Do not wash the vehicle when under direct sunlight. If the vehicle is left under direct sunlight for a long time, you need to wait for the body surface to cool down before start washing.

When using an automatic car washer, be sure to follow the instructions of the car washer operator.



- To prevent damage to the vehicle paint, any corrosive substances (such as bird droppings, resin, insects, asphalt spots, paving salt, industrial dust, etc.) should be removed immediately. If necessary, use industrial alcohol to remove asphalt spots and stubborn oil stains, and then immediately wash with water and mild neutral soap to remove alcohol.
- Do not use chemical solvents containing ethanol or strong cleaning agents to scrub the exterior lamp cover to avoid damaging the exterior lamp cover. ◀

Cleaning Vehicle with the High-pressure Washer

- Before washing the vehicle, check and confirm that all doors and windows of the vehicle has been properly closed.
- Strictly follow the instruction by the high-pressure washer's manufacturer on how to use the high-pressure washer and pay special attention to the working pressure and spraying distance. The nozzle must be at least 30 cm away from the vehicle's body surface. Keep the nozzle moving and do not spray water constantly at one position. High-pressure water flowing into the vehicle parts may cause serious damage.
- Do not use "cluster nozzles" to clean the vehicle.
- Never flush with the nozzle directly or indirectly targeting inside the front engine compartment. High-pressure water flow can cause damage to the electrical components in the front engine compartment or cause some parts not to work normally.
- Do not aim the nozzle of the water gun at the chassis connector of the disc for flushing (especially the orange high-voltage harness connector).
- Do not use a high-pressure washer or a steam washer to clean the front camera or sensor; otherwise, these parts will damage.
- Do not use a high-pressure washer

at a close range to wash the painted bumpers or soft parts, such as rubber hoses, plastic parts, and insulating materials.

Cleaning the Vehicle with Automatic Car Washer

- Before start washing the vehicle, check with the automatic car washer operator to confirm whether this vehicle can be washed using this automatic washer, and follow the professional advice provided by the operator.
- Fold the door mirrors before washing the vehicle.
- The strength of the paint surface of the vehicle body can withstand the washing of the automatic washer, but the impact on the paint surface must be noted. The degree of influence mainly depends on the structure of the washer, the cleaning brush, the filtering condition of the cleaning water, and the types of cleaning agent and wax solvent. If the paint surface of the vehicle body is darkened or scratched after washing, the operator should be notified immediately to make corrections.
- When choosing an automatic car washer to clean the vehicle, give priority to a non-contact type of automatic car washer. This type of the automatic car washer does not have any part (brushes, etc.) that may touch the vehicle surface.

Interior Cleaning

Regular interior cleaning helps to improve the condition inside the vehicle. After certain period of time, dust and dirt will accumulate on the interior trims, and deteriorates the surfaces of carpet, fabrics, leather and plastic.

Stains should be cleaned immediately, especially on light-colored interior trims, as they may become solid rapidly under extremely high temperature. Remove dust on small buttons and knobs with a handy banister brush.

Only use high quality cleaning agent to clean the interior trim surfaces to avoid permanent damage to the vehicle. Firstly, spray the cleaning agent on the cleaning cloth and then use the cleaning cloth to clean the trim surfaces. It is necessary to wipe off the cleaning agent immediately if you accidentally spray it on the surface of other objects in the vehicle.

The temperature of the heat gun used to apply the glass protective film is extremely high. When installing the film, ensure that the heat gun is not directed toward any interior trim parts. Exposure to the heat gun may cause damage or deformation to the interior trim.

When you clean the surfaces of the glassed of the vehicle, do not use abrasive cleaning agent; otherwise, the glasses will be scratched and the rear windshield defogger will be damaged. Only use soft cloth and special glass cleaning agent. ◀

Cleaning agent usually contains solvent which may coagulate on the vehicle interior trims. Please read and comply with all safety instructions on the labels before using the cleaning agent. Please open doors and windows to keep good ventilation when cleaning the vehicle interior trims.

Please note the followings when cleaning the interior trims:

- Do not get rid of dirt on interior trim surface with a knife blade or other sharp objects.
- Do not use a scrubbing brush. It might damage trim surface of the vehicle.
- Do not press or use cleaning cloth to wipe with great force. Wiping hard cannot improve cleaning effect but will damage the interior trims.
- Only use moderate neutral soap. Avoid using strong detergent or degreasing soap. Too much soap will leave stains and is easy to absorb dirt.
- Do not soak interior trims when cleaning.
- Do not use organic solvents such as naphtha or alcohol, as they will damage the interior trims.

Cleaning Fabric and Carpet

Clean dust and scum with vacuum cleaner that comes with soft broom head. For stubborn stains, you may try to clean them with fresh water or soda water first. Before cleaning, choose an appropriate method to remove the stains:

- ***For liquid stains:*** Wipe residual liquid stains gently with a tissue.
- ***For solid dry stains:*** Remove as much as possible by hand and then remove with a vacuum cleaner.

Cleaning steps:

1. Soak a clean lint-free white cloth in water or soda water.
2. Wring the cleaning cloth to remove residual moisture.
3. When removing the stains, gently scrub the fabric or carpet from edges to middle until no stain marks are left with the cleaning cloth.
4. If the stains cannot be wiped off thoroughly, repeat the above cleaning steps with mild soap water.

If there are stubborn stains still cannot be removed thoroughly, consider to use synthetic fabric cleaning agent or detergent. Do test for color fastness on an small inconspicuous position in the vehicle before using these products. If the cleaning effect is good, they can be used to clean the entire surface.

After cleaning, use a tissue to absorb residual water on the fabric or carpet.

Leather Cleaning

A soft cleaning cloth dipped in clean water can be used to remove dust. To clean more thoroughly, a soft cleaning cloth dipped in a neutral soap water can also be used.

Then, let the leather dry naturally. Do not dry it by hot air blower, and do not clean the leather with a hot steam.

Do not use cleaning agent or lustering agent on leather, otherwise the appearance and hand feel of the vehicle interior trims may be permanently changed. Do not use silicon-based, wax-based or organic solvent-containing products to clean the vehicle interior trims, which may cause cause uneven gloss of leather and affect the appearance of the interior trims. Make sure not to use shoe polish on leather.

Instrument panel and other plastic surfaces

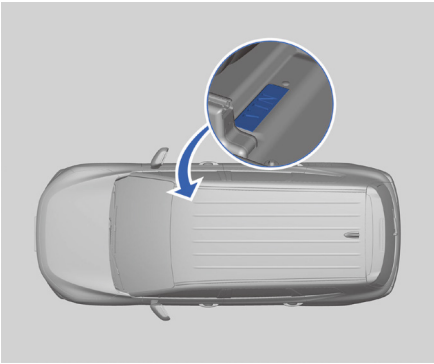
Do not use cleaning agent or lustering agent on plastic surface, otherwise it may change appearance and hand feel of interior trim permanently.

Some commercially available products may enhance the glossiness of instrument panel and thus produce annoying reflective light on windshield, which may affect permeability of windshield severely.

Do not use any cleaning agents containing alcohol or strong oxide chemicals to wipe the interior. ◀

Vehicle Identification

Vehicle Identification Number (VIN)



The VIN code is engraved on the beam under the driver's seat. Move the seat back to the end and lift the protective cover. Then it can be seen.

The VIN is always required when contacting an authorised PROTON service outlet. Please contact an authorised PROTON service outlet for inspection and repair as soon as possible if the VIN code on the body and VIN engraved under the driver's seat is damage. ◀

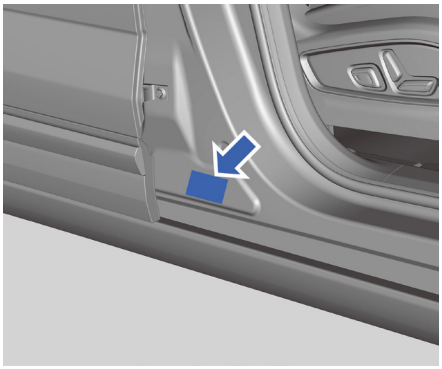
Reading VIN

Contact an authorised PROTON service outlet and seek for their professional maintenance personnel to read the vehicle identification code from vehicle's control unit.

The reading of VIN will be done using a diagnostic instrument dedicated for PROTON vehicles.

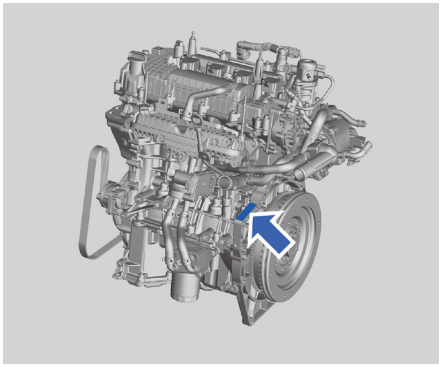
Reading of vehicle identification number (VIN) using the diagnostic instrument should be done by professional maintenance personnel from authorised PROTON service outlet. Otherwise, it may cause damage to the vehicle. ◀

Vehicle Identification Number (VIN) Label



This label contains VIN and other information.

Engine Number



The engine number is engraved on engine body near the transmission (seen from the front of the vehicle).

Event Data Recording (EDR) System*

PROTON is equipped with an event data recording system that conforms to the relevant national standards.

This system is used to record the relevant information when a vehicle collides, such as the vehicle's driving speed (the signal comes from the chassis controller and is obtained from the sensor, indicating the vehicle's speed at the time of the event) and braking status (indicating whether the vehicle is braking at the time of the event).

When a collision occurs, the current event data can overwrite the previous non-locked event data according to the time sequence of the accident data storage.

The information of EDR helps relevant personnel understand the state of the vehicle at the time of the event, and facilitate relevant parties to act in accordance with relevant laws and regulations. In addition, the information can be used for engineering research and help PROTON continuously improve product quality and safety.

According to the requirements of national laws and regulations, it may need to disclose relevant recorded data to certain authorities (such as public security organs or other institutions that have access to the event data recording system).

Special data reading equipment conforming to corresponding standards shall be used to read data. The special equipment is connected to the OBD interface of the vehicle or the EDR controller is separately connected to extract the data. Only authorized individuals or organizations can read data.

Access to data reading equipment: If necessary, you can contact an authorized PROTON dealer and apply to the manufacturer for access to the equipment with their assistance.

Technical Parameters

Item	Unit	Type 1	Type 2
Drive Type	-	Front engine, front wheel drive layout	
Seating Capacity	person	7	6

Dimension

Item	Unit	Parameter
Length	mm	4,835
Width	mm	1,900
Height	mm	1,760
Front Wheel Tread	mm	1,603
Rear Wheel Tread	mm	1,618
Wheel Base	mm	2,815

The dimension above are based on information available at the time of publication. All values declared have tolerance that varies between ±5mm to ±20mm. ◀

Weight

Item		Unit	Lite	Prime	Prime X
Kerb Weight		kg	1,695	1,700	1,675
Gross Vehicle Weight (GVW)		kg	2,269	2,274	2,174
Maximum Axle Load	Front	kg	1,045		
	Rear	kg	1,247		

The weight above are based on information available at the time of publication. All values declared have tolerance of 1%. ◀

Performance

Item	Unit	Parameter
Maximum Vehicle Speed	km/h	190
Max. Gradeability	%	30
Accelerator Pedal Freeplay	mm	≤ 4
Brake Pedal Freeplay	mm	10 ~ 24

Emission Level

Item	Parameter
Emission	Euro IV

Engine

Item	Unit	i-GT 1.5TD
Engine type	-	Inline 4-cylinder, turbocharged
Cylinder Bore x Stroke	mm×mm	82 × 93.2
Displacement	L	1.499
Maximum Net Power	kW	128 ~ 133
Rated Power Rev	r/min	5500
Maximum Torque	N·m	290
Maximum Torque Rev	r/min	2000 ~ 3500

Wheels and Tyres

Tyre Specification

Item	Type 1	Type 2
Tyre Size	225/55 R18	235/50 R19
Rim Size	18×7.5J	19×7.5J
Spare Tyre Size	T125/80 D17	

Tyre Pressure (Cold Condition)

Item	Tyre Size	Unit	Half-load	Full-load
Front and Rear Tyre	Type 1	kPa	230	240
	Type 2	kPa	230	260
Spare Tyre	-	kPa	420	

- Half-load: 1 ~ 4 persons including baggage
- Full-load: 5 ~ 7 persons including baggage ◀

Recommended Fuel

Item	Specification	Volume
All countries except Thailand	Unleaded Gasoline RON92 & above	60L
Thailand only	Unleaded Gasoline / Gasohol RON95 & above	

The recommended fuel above must follow local goverment's requirements and regulations. ◀

Recommended Fluid and Oil

Item	Specification	Volume
Engine Oil	Proton Genuine Oil (PGO) 5W-30 API SP ILSAC GF-6A	Dry type filling : 4.3 L Wet type filling : 4.0 L
Automatic Transmission Fluid (7DCT)	SHELL SPIRAX High Performance Hybrid Dual Clutch Transmission	Dry type filling : 3.3 L Wet type filling : 2.7 L
Engine Coolant	Geely's Super Long-lasting Coolant	6.5L (single A/C system)
		8.7L (double A/C system)
Brake Fluid	DOT4	0.79 L
A/C Refrigerant	R134a	900g (double A/C system)

Electrical System

Battery and Spark Plug

Item		Parameter
12V Battery	Type	DIN55L
	Capacity	12V 60Ah
Spark Plug	Type	ILKFR8B7G
		LD8RBIP+

SCAN QR CODE FOR MORE INFORMATION

PERUSAHAAN OTOMOBIL NASIONAL SDN. BHD. (100995-U)
HICOM Industrial Estate, Batu 3,
P.O Box 7100, 40918 Shah Alam,
Selangor Darul Ehsan, Malaysia.
Fax: +603 5191 1252

Language : ENGLISH
Market : MHR & GEX
Model : **2026 X90**
Published : **MARCH 2026**
Published in : MALAYSIA

proton.com **PROTON Customer Care 1 800 888 398**

A Member of DRB-HICOM