OWNER
MANUAL

PROTON
INSPIRING CONNECTIONS

PROTON S70

INTELLIGENCE
THAT EVOLVES™

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.

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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.



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www.proton.com (1-800-88-8398)

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 Owner Manual

Manual Instructions

- This Manual is based on product information available at the time of publication. Vehicle specifications and performance may be updated to meet customer and regulatory requirements. Therefore, your vehicle may differ from the information provided in this Manual.
- Vehicle software and settings may be updated periodically. After an upgrade, some functions or information may differ from those described in the user manual available on the website. In case of any discrepancy, the actual vehicle software and system information shall prevail.
- The Multimedia Manual is an integral part of this Manual and provides information on the vehicle's entertainment system. For detailed operating instructions, refer to the Multimedia Manual.

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.
- Use only the oils and fluids recommended in this Manual, and perform scheduled maintenance in accordance with the Warranty and Service Booklet.

Safety Precautions

- Do not leave flammable, pressurized, or heat-sensitive items inside the vehicle, especially when it is parked in direct sunlight or exposed to high temperatures. Excessive heat may cause such items to leak, rupture, or ignite, resulting in personal injury, vehicle damage, or other hazards.



Always remove any flammable, pressurized, or heat-sensitive items from the vehicle when parking. Follow the manufacturer's safety and storage instructions for these items at all times. ◀

- This vehicle is equipped with an ABS. During emergency braking, apply firm and continuous pressure to the brake pedal. Do not pump the brakes.
- This vehicle is equipped with airbags. For child safety, do not install a rear-facing child restraint on a seat protected by an active front airbag.
- Use only properly sized floor mats and ensure they are secured correctly. Floor mats must not interfere with the operation of any pedal, as this may lead to loss of vehicle control and increase the risk of an accident.
- Do not leave the engine running unnecessarily when the vehicle is parked. Avoid inhaling exhaust gases and accidentally pressing the accelerator pedal, which may cause the engine to operate at high speed, increasing the risk of fire, injury, or property damage.

Accessories, Spare Parts and Modifications

- For your safety, arbitrarily removing or replacing vehicle parts and components are prohibited.
- Retrofitting the vehicle or installing additional equipment is not permitted. PROTON shall not be liable for any direct or indirect loss or damage resulting from such modifications.
- 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.

Environmental Protection

Contents described are related to environmental protection. ◀

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. ◀

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.



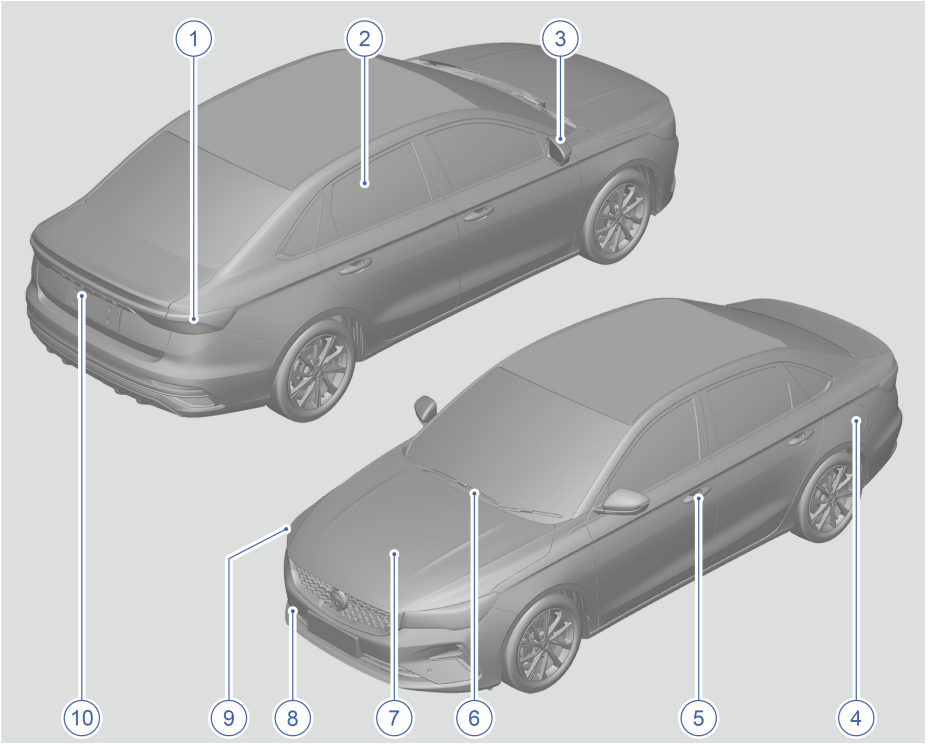
Indicate the rotation direction of an object.



Indicate that behavior is prohibited or occurrence should be prevented.

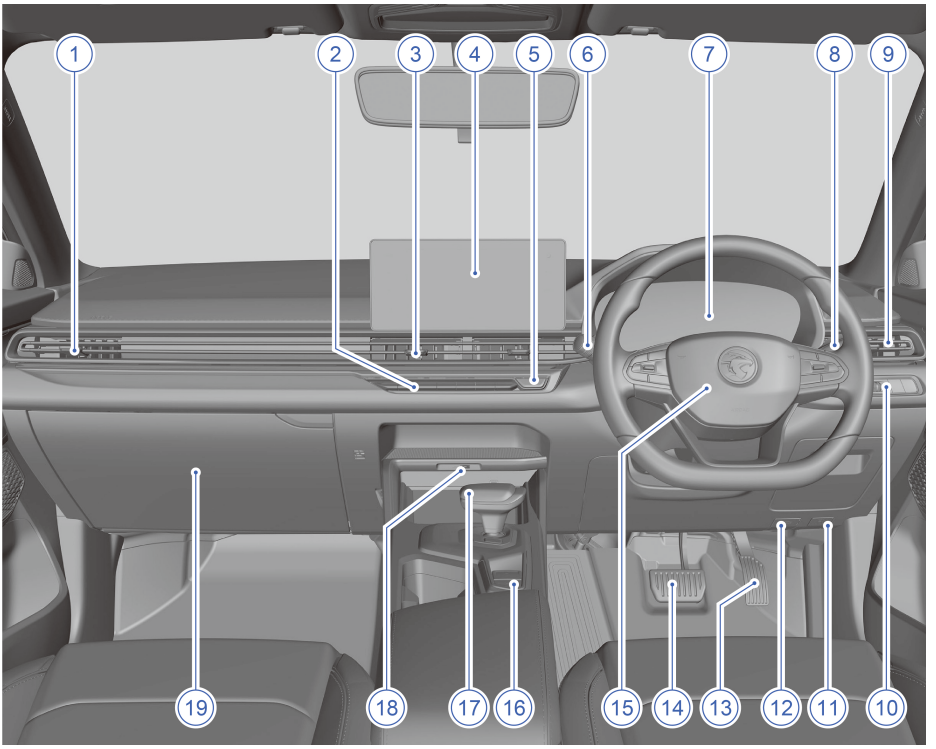
Vehicle identification

Appearance overview



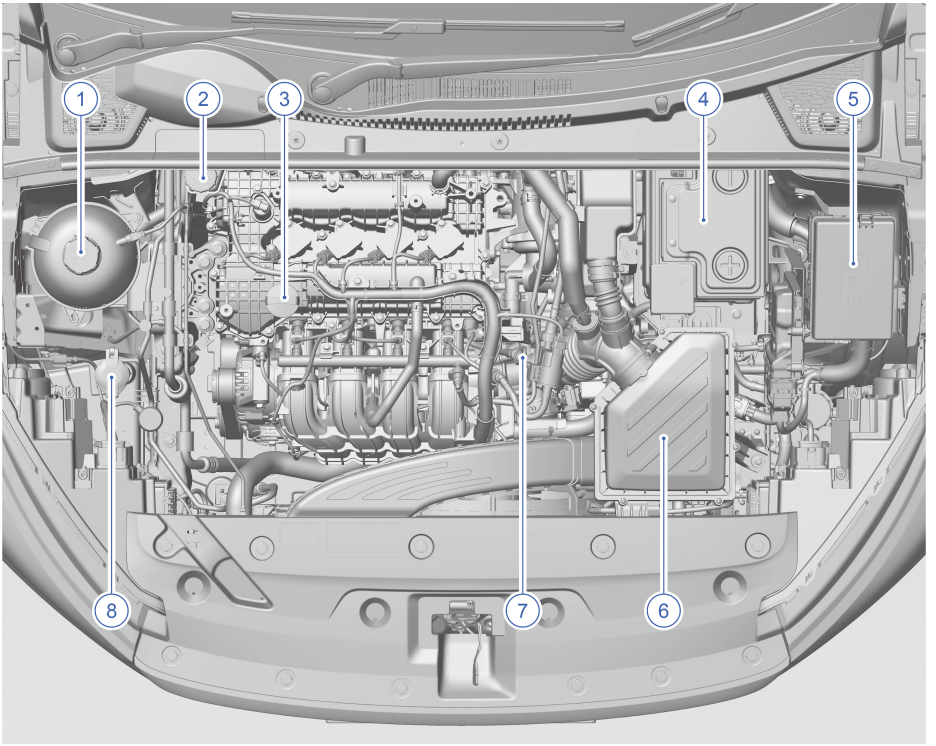
1. Rear combination lamps
2. Window
3. Exterior Rearview Mirror
4. Fuel filler cap
5. Exterior door handle
6. Front Wipers
7. Front engine compartment hood
8. Front towing vehicle hook cover plate
9. Front combination lamps
10. Trunk door

Interior trim overview



1. Left vent
2. A/C control panel of instrument panel
3. Central vent
4. Multimedia display
5. Start switch
6. Light combination switch
7. Display screen
8. Wiper combination switch
9. Right vent
10. Combination switch on instrument panel
11. Fuel filler cap release handle
12. Front engine hood release handle
13. Accelerator pedal
14. Brake pedal
15. Steering wheel
16. Switch pack on auxiliary fascia console
17. Electronic gearshift lever
18. Charge port
19. Glove box

Overview of front engine compartment



1. Coolant expansion tank
2. Braking fluid reservoir
3. Engine oil filler cap
4. Battery
5. Front engine compartment fuse box
6. Air filter
7. Engine oil dipstick
8. Washer fluid reservoir

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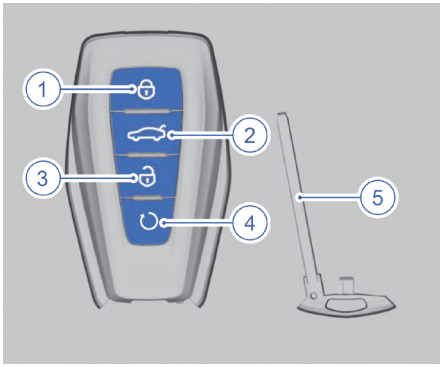
Key and Anti-theft

Intelligent Key

Introduction of Key Buttons

The intelligent key (or smart 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. Trunk lid 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.
- When the vehicle is in remote start mode and the key is within the effective operating range, press and hold the remote start/vehicle search button to turn off the engine. ◀

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 key and anti-theft system to work abnormally and hard to start the vehicle. ◀

Taking Out the Mechanical Key



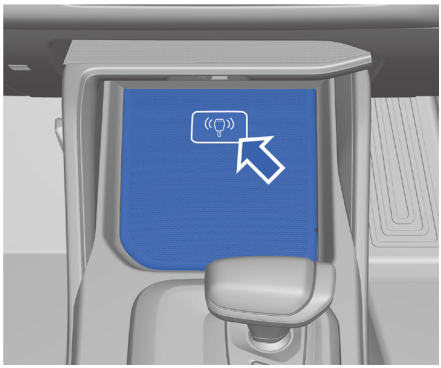
Press and hold the release button at the back of the intelligent key and take out the mechanical key.

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.

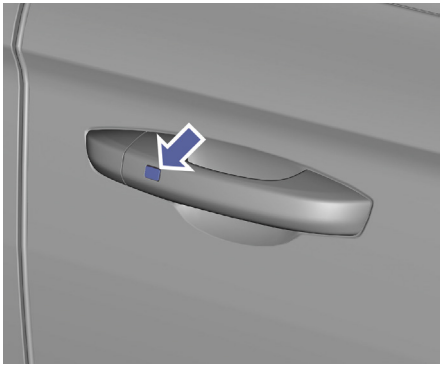
- If the intelligent key does not appear to be damaged, try using another intelligent key.
- Place the intelligent key at the the front end of the centre console as shown in picture.

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

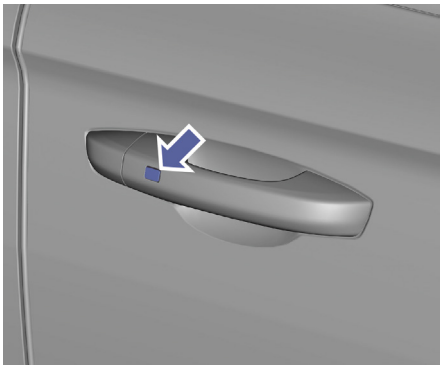
Keyless Locking



Unlock/Lock button

When the ignition switch is in OFF position, close all doors and trunk lid. Then, press the unlock/lock button on the driver's door handle. All doors will be automatically locked. After successfully locking the vehicle, the turn signal will turn on for several seconds.

Keyless Unlocking



Unlock/Lock button

Carry a valid intelligent key to approach the vehicle and press the unlock/lock button on the driver's door handle. All doors will unlock automatically. Pull the exterior door handle and the door will open. After all doors are unlocked, the turn signals will flash few 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 pressing the unlock/lock button 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 trunk lid 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 unlock/lock button on the driver's door handle to unlock the vehicle, you need to wait for 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. ◀

- 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 a few seconds before pressing the unlock/lock button on the driver door handle again. ◀

Remote Locking and Unlocking

Remote Locking

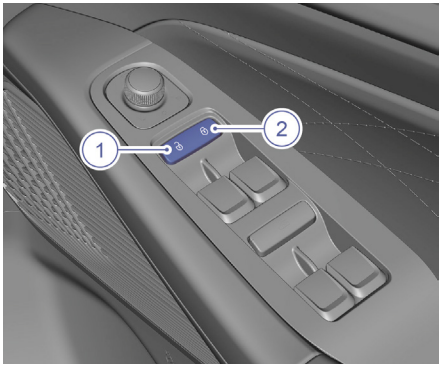
Press the lock button on the intelligent key to lock all doors. The turn signal will turn on for a few seconds, the interior lamps will turn off and the infotainment system will turn off. If any doors, engine hood or trunk lid is not closed and you press the lock button on the intelligent key, the alarm 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 trunk lid unlock button again to open the trunk lid.

Do not let children entering the trunk compartment. Make sure the trunk lid 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 seconds after pressing the unlock button on the intelligent key, if any doors and trunk lid 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

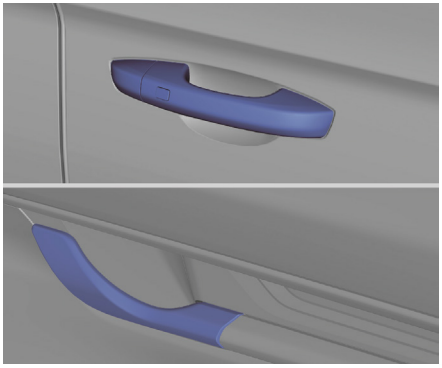
After the vehicle is automatically locked, if the vehicle is stopped and the ignition switch is set to OFF position, the door will unlock automatically.

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

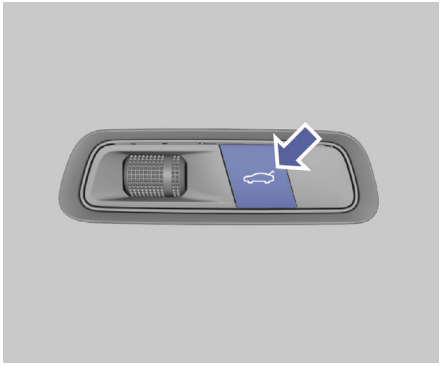
When the doors are in unlocked state, the door can be opened by pulling the inside/ outside door handles of the vehicle.

Trunk Lid

Opening the Trunk Lid

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

Opening the Trunk Lid from Inside of the Vehicle

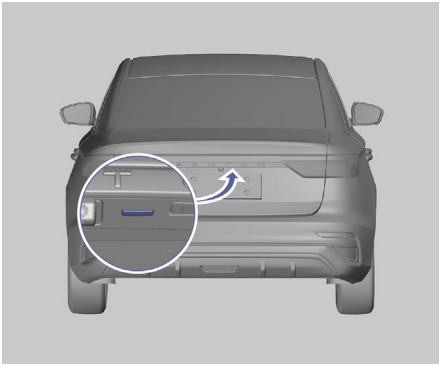


Unlock button of the trunk lid

When the vehicle is stationary, if the vehicle does not enter the locked and

anti-theft state, press and hold the unlock button of the trunk lid on the instrument panel switch assembly to unlock and open the trunk lid.

Opening the Trunk Lid from Outside of the Vehicle



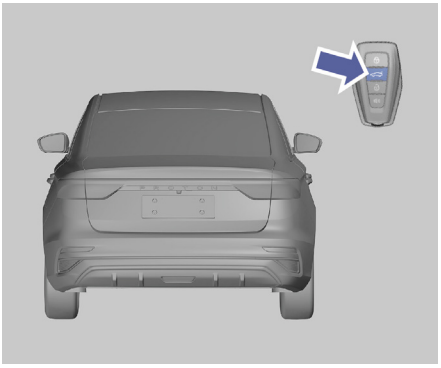
Exterior trunk lid switch

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 trunk lid switch to unlock and open the trunk lid.

When the intelligent key is near the trunk lid, press the external trunk lid switch to open the trunk lid (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 trunk lid switch.

Opening the Trunk Lid through the Intelligent Key



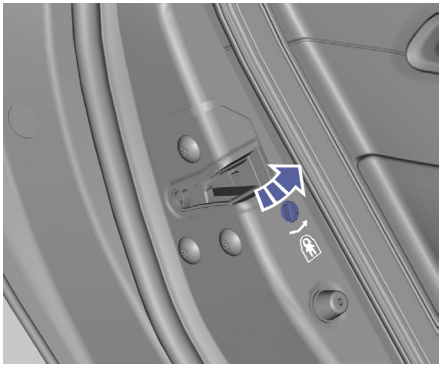
Set the ignition switch in OFF position, press and hold unlock button of the trunk lid on the intelligent key to unlock the trunk lid. Lift the trunklid to open it.

Nearby Auto Unlock Trunk*

This function can be enabled through the multimedia settings. When this function is enabled with all doors are closed and the ignition switch is in OFF position, carry a valid intelligent key into a certain area of the trunk for a few seconds, the turn signal will flash several times and the trunk lid will be unlocked automatically.

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

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.

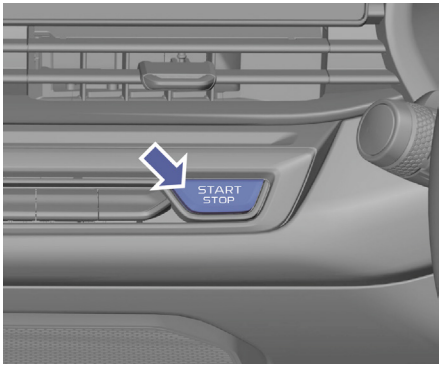
The child safety lock switch is at the outer edge of each rear door. Insert the mechanical key into the child safety lock switch as shown in the figure. Then, turn the switch according to the arrow to set the child safety lock to LOCK position. Now, the door cannot be opened from inside the vehicle and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

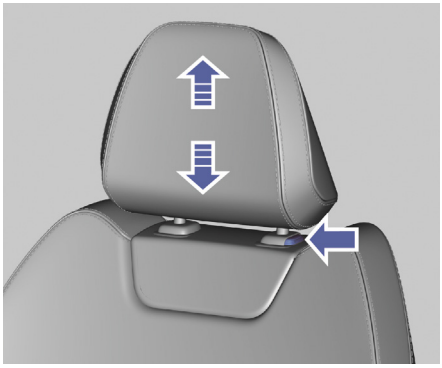
START: The engine will continue running in this position.

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

Seat

Front Seats

Front Seat Headrest Adjustment



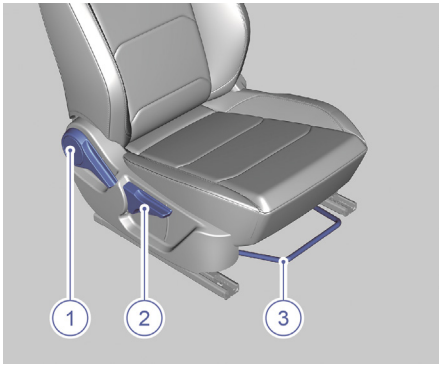
1. Press and hold the adjustment button under the front seat headrest.
2. Lift up or press down the headrest to the required height, and then release the button.
3. Gently press or lift the headrest again until a click is heard, to ensure that the headrest is locked in place.

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. ◀

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. ◀

Manual Adjustment of Driver Seat*

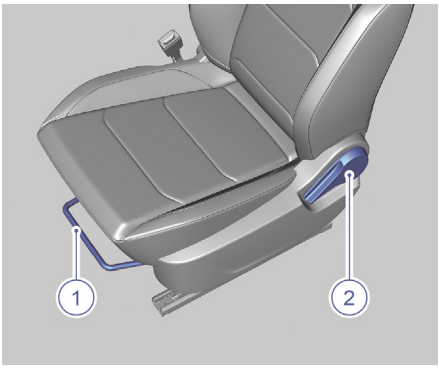


1. Adjustment lever of seatback angle
   Lift the seatback angle adjustment lever to unlock the seatback.
   Gently press back or slowly leave the seat seatback to rotate it backward or forward to the required position.
   Lower the seatback angle adjustment lever to lock the seatback.
2. Adjustment 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 position.

Loosen the adjustment lever until a clicking sound is heard from the seat rail and the seat is locked.

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.

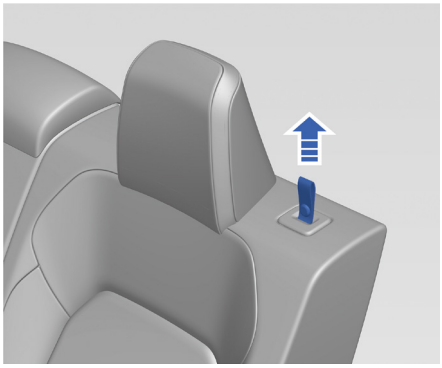
   Lower the seatback angle adjustment lever to lock the seatback.

Rear Seats

Folding Rear Seat Seatback

Rear seats consist of the left rear seat and the right rear seat, which features a 60/40 split folding function.

The trunk compartment can be enlarged for storing of large items.



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

After the seat's seatback are folded, leave some space between the rear seat headrests and the front seats.

Unfolding Rear Seat Seatback

Flip back the seatback and push hard backwards until the corresponding seat is locked. If not, the seat belt may not function normally.

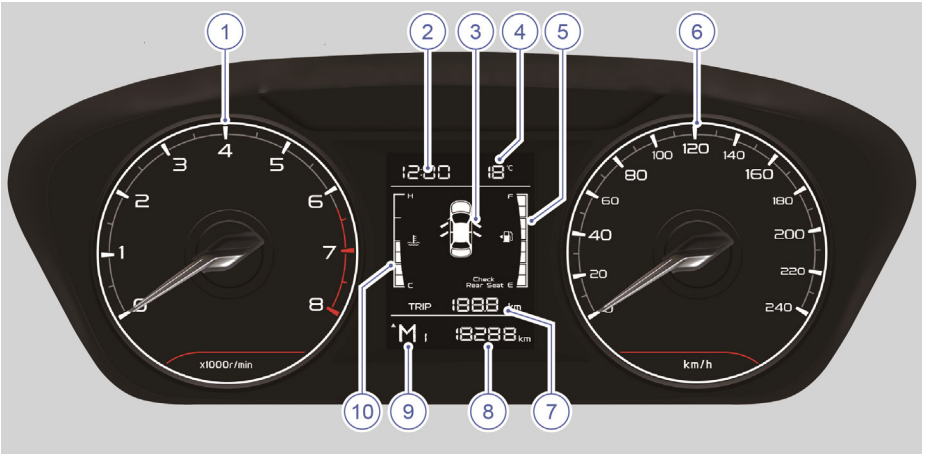
When the vehicle is driven, occupants are not allowed to sit on folded seats or in the trunk compartment. The seats should be properly used. When the seatback returns to the original position, the following precautions shall be considered to prevent injuries upon collisions or emergency braking:

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

Meter Instrument

Overview of Meter Instrument



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 6250 r/min ~ 8000 r/min, in which warns you of excessive engine speeds.

2. Clock

   Displays the time. Press TRIP button briefly until the time setting interface is shown in the meter instrument display. Press and hold TRIP button to set the time.

3. Door status display

   Displays the door opening and closing status.

4. Outside temperature

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

5. 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.

6. Speedometer

   Displays the current vehicle speed per hour.

7. TRIP infomation display

   - Displays the subtotal mileage, distance to empty (DTE)*, instantaneous fuel consumption (IFC)*, average fuel consumption (AFC), and vehicle speed.
   - When the vehicle speed is greater than 120 km/h, it displays 120 km/h.

8. Odometer and service reminder
   - Displays the total mileage of the vehicle.
   - Displays the remaining mileage for next service when the system triggers service reminder.

9. Gear display

   Displays the current gear selected by the driver.

10. Water temperature gauge

    Displays the temperature of the engine coolant.

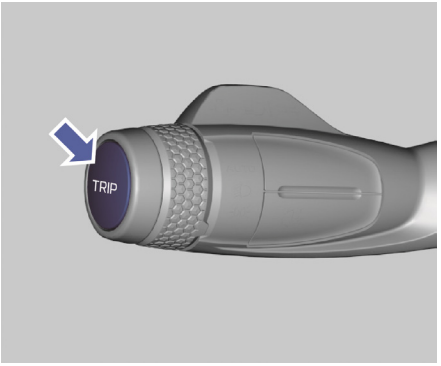
If the water temperature gauge indicates the red zone, the driver should stop the vehicle or keep the engine idling to let the engine cool down. ◀

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. ◀

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.

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.

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
	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 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
	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

Icon	Name	Description	Color
	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
	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
	Battery charging failure warning	Battery charging has a failure	Red
EPS	Electric power steering (EPS) system failure warning*	EPS has a failure	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

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	White
	Blind spot information system (BLIS) indicator*	BLIS has been turned on	Green
		BLIS has a failure	Red
		BLIS has a temporary failure	Yellow
	Fatigue driving indicator*	Fatigue detection reminder after few hours of continuous ngine running.	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.

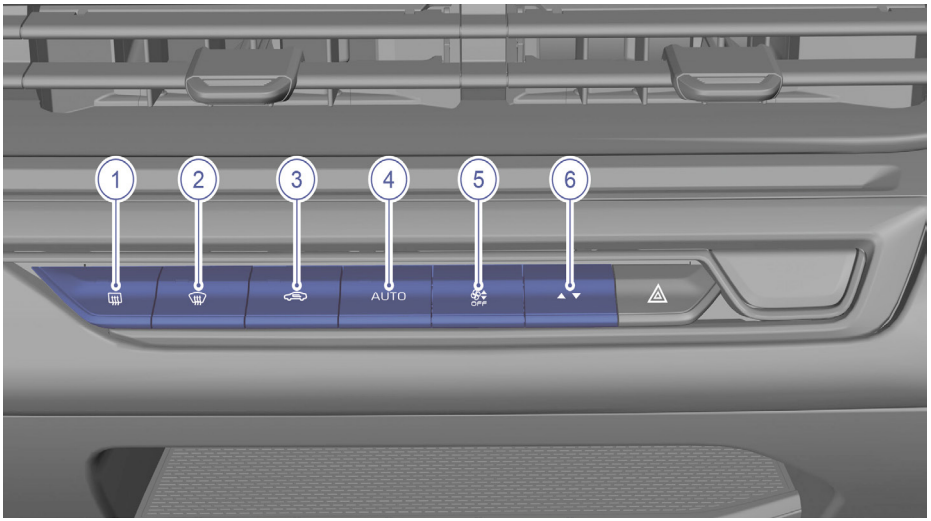
The warning lamp may be stay illuminate after starting, or it will illuminate during driving, which indicates that the vehicle may have a serious failure. Contact an authorised PROTON service outlet for maintenance as soon as possible. ◀

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

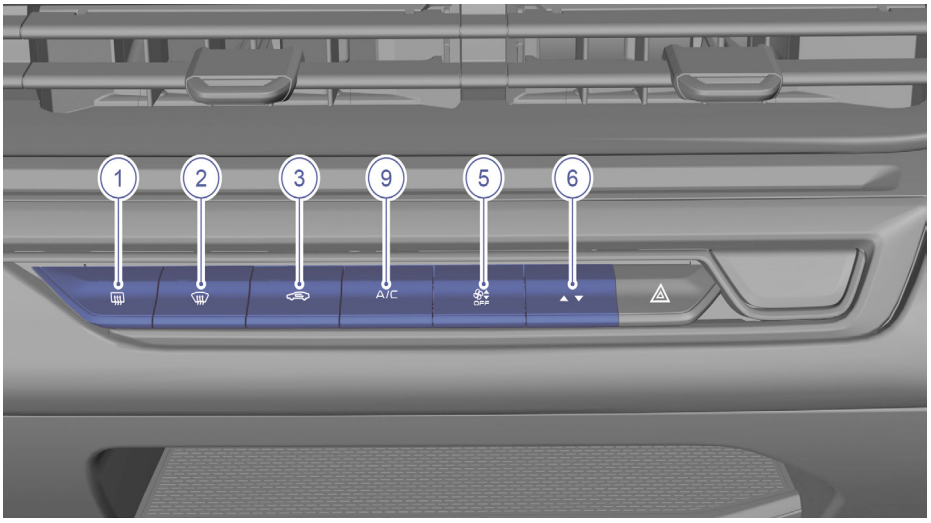
Air Conditioner (A/C)

Front A/C Control System

A/C Control Panel on Instrument Panel (Type 1)



A/C Control Panel on Instrument Panel (Type 2)



A/C Control Interface on Multimedia Display Screen



Front A/C Control System Buttons

1- Rear windshield button
2- Front windshield button
3- Air circulation button
4- AUTO button*
(on A/C control panel)
5- Blower speed adjustment button / A/C OFF button
6- Temperature adjustment button
(on A/C control panel)
7- ECO button (Energy-saving mode)*
8- A/C OFF button
(on A/C control interface)
9- A/C ON button
10- AUTO button*
(on A/C control interface)
11- A/C MAX button
12- Air ventilation mode button
(face-blowing mode)
13- Air ventilation mode button
(foot-blowing mode)
14- Air ventilation mode button
(window-blowing mode)
15- A/C setting button
16- Blower speed adjustment button / AUTO button*
(on A/C control interface)
17- Driver side temperature adjustment slider
(on A/C control interface)
18- Front passenger side temperature adjustment slider
(on A/C control interface)

Description of Front A/C Control System Buttons

1. Rear windshield button (for defroster/defogger)

   After the vehicle is started, press the rear windshield button to turn the defroster/defogger 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 function and the illumination will also turn off.

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. ◀

2. 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.

3. Air circulation 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. ◀

4. AUTO button*
(on A/C control panel)

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 (by pressing the A/C OFF button) and then press AUTO button once again to return the air circulation control to automatic mode. ◀

5. Blower speed adjustment button / A/C OFF button

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

For A/C control panel at instrument panel, press this button downward to reduce the air blower speed and press this button upward to increase the air blower speed.

For A/C control panel at multimedia display screen, click the left/lower side of this icon to reduce the air blower speed and click the right/upper side of this icon to increase the air blower speed.

When the air conditioner is working, press and hold this button downward (or select and hold the left/lower side of this icon at multimedia display) to turn off the air conditioner.

Toggle this button upward (or select and hold the right/upper side of this icon at multimedia display) to turn on the air conditioner.

6. Temperature adjustment button
(on A/C control panel)

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 at A/C interface.

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

7. ECO button*
(Energy-saving mode)
Press this button to turn on or off the A/C economic (energy-saving) mode. Touch again to turn it off.

8. A/C OFF button
(on A/C control interface)
When the air conditioner is working, press this button to turn off the air conditioner and exit the A/C control interface on multimedia unit screen.

9. 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. ◀

10. AUTO button*
(on A/C control interface)
Press this button to turn on the automatic mode of the air conditioner.

The function is the same as operating the AUTO button from the A/C control panel on instrument panel (if fitted).

11. A/C MAX button
Press this button and the button indicator will illuminate.
Use this 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.

12. Air ventilation mode button
(face-blowing mode)
Press this button to set the airflow direct to the face area.

13. Air ventilation mode button
(foot-blowing mode)
Press this button to set the airflow direct to the foot area.

14. Air ventilation mode button
(window-blowing mode)
Press this button to set the airflow direct to the front windshield and window area.

The air ventilation mode button indicator will illuminate to indicate the current selected air blowing mode.

The face, foot and the window-blowing mode button can all be used independently or combined as required.◀

15. A/C setting button

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

16. Blower speed adjustment button / AUTO button*
    (on A/C control interface)

    Click the right side of the blower speed adjustment button on multimedia unit display to increase the air blower speed.

    Increase the blower fan speed to maximum and the AUTO indicator will illuminate.

17. Driver side temperature adjustment slider (on A/C control interface)

    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".

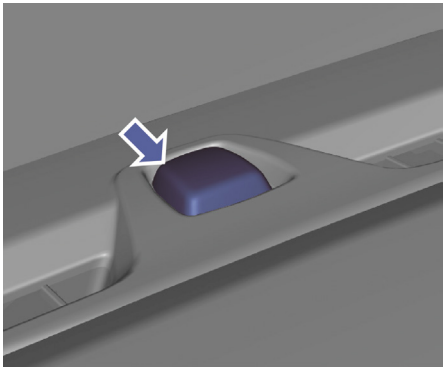
18. Front passenger side temperature adjustment slider
    (on A/C control interface)

    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*



Light Sensor

The light sensor on the upper part of the instrument panel measures the light intensity, which is used to turn on or turn off the headlamps in automatic lighting function and also for temperature control in automatic A/C control system.

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.

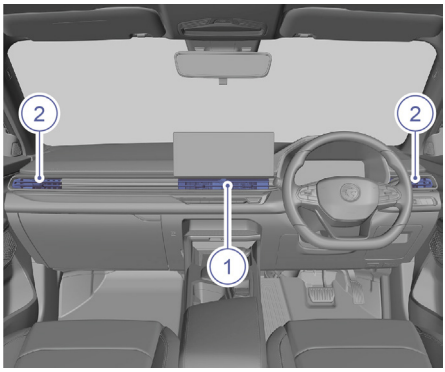
Such films may reduce the windshield's light transmittance below the regulatory requirements, potentially affecting vehicle inspection compliance, impairing visibility and driving safety.

In addition, these films may block ambient light and solar input to the light sensor, causing abnormal operation of the automatic lighting function. such as early activation or delayed deactivation.

The greater the light blockage, the more significant the impact, which may compromise the performance and user experience of the functions in automatic lighting. ◀

Air Outlet

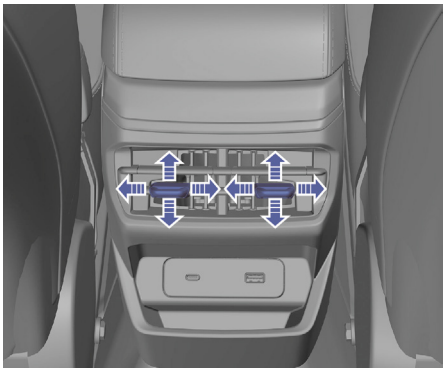
Front Air Vent



1. Centre air vent
2. Side air vent

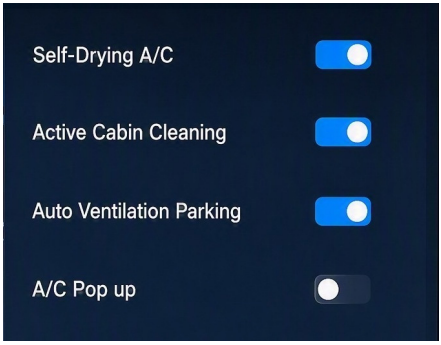
Do not hang anything on the air vent knob, otherwise the knob may be broken and deformed, making it unusable. ◀

Rear Air Vent



Adjust the air vent grille to change the air flow direction and adjust the blades to stop the air flow.

A/C Settings





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

Air conditioning → A/C setting button.

In this interface, you can activate or disable the functions of A/C self drying, active cabin cleaning, automatic ventilation, A/C pop up window, A/C auto mode and A/C screen timeout*.

Self-Drying A/C

When the air conditioner self-drying function is enabled, the blower will automatically operate after the vehicle is locked and the required conditions are met. This helps dry the evaporator and prevents unpleasant odours caused by moisture and mildew buildup.

Active Cabin Cleaning

When the Active Cabin Cleaning function is enabled, the blower will automatically operate after the vehicle is unlocked, before any door is opened, and when the required conditions are met. This helps purge unpleasant odours from the air conditioning ducts and automatically cleans the air circulation system.

Auto Ventilation Parking

This function periodically ventilates the cabin when the vehicle is parked or engine off, helping to maintain air circulation and improve cabin air freshness

It is normal for the A/C system to operate automatically when this function is enabled, as it periodically ventilates the cabin to maintain air circulation while the vehicle is parked. ◀

A/C Pop Up

When enabled, an A/C Controls shortcut will be displayed in the DOCK bar for quick and convenient access to A/C functions.

A/C Auto Mode

When the temperature is not set to LO or HI, AUTO A/C mode can be activated by selecting one of the following airflow levels: Soft, Comfortable, or Strong. The blower speed will then be automatically adjusted according to the selected level.

A/C Screen Timeout*

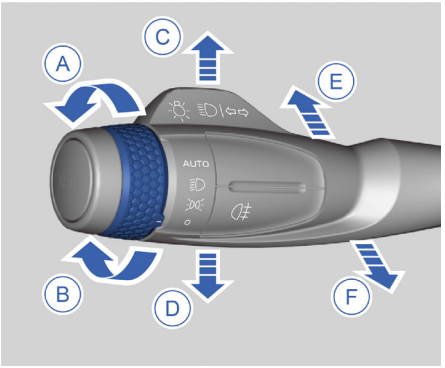
When the A/C interface is inactive, it will automatically close after the selected timeout period between 5s, 10s, or 15s ends.

Lamp

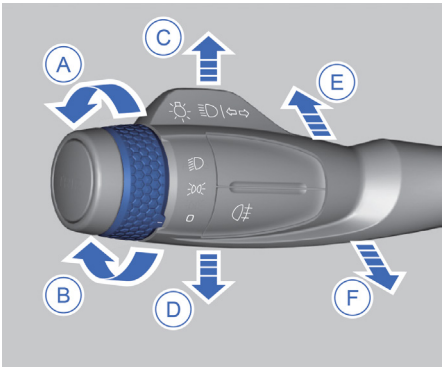
Light Control Combination Lever

Operations of Light Control Switch

Type 1



Type 2



Position Lamp

Turn the light control switch in direction A till the mark ▬ points to 3OC 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 B 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 A till the mark ▬ points to the ≡D position. The low beam lamps will turn on.

Turn the light control switch in direction B till the mark ▬ points to the position O or 3OC. 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.

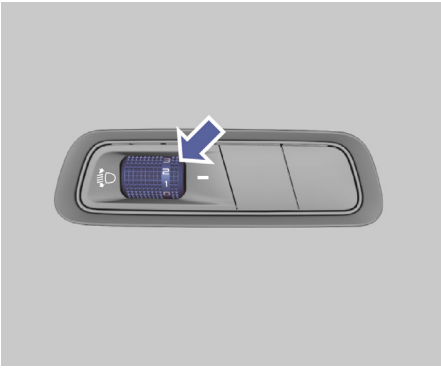
Lane Changing Function

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.

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

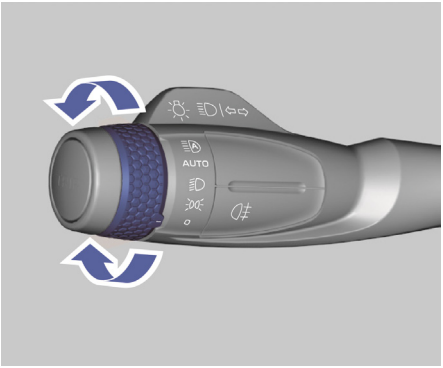
The daytime running light automatically turns off in case of the following situations:

- 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



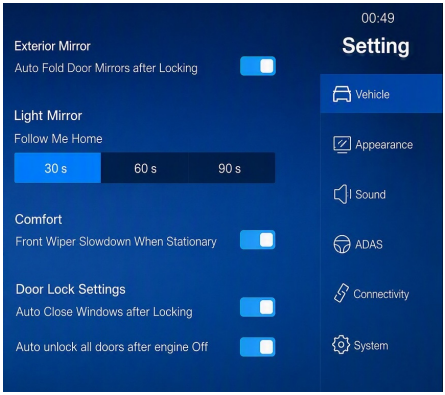
Within a few minutes after the ignition switch is set to OFF position, immediately turn the light control switch from the O position to other positions (position lamp, low beam lamp or AUTO). Then, immediately turn light control switch to the O position again to activate the Follow Me Home function. 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

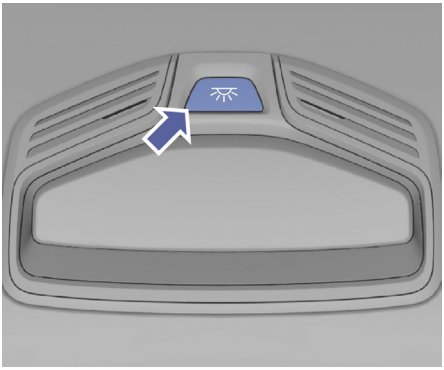
Then select the setting time of Follow Me Home in this interface between 30s, 60s or 90s.

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 hood and trunk door) 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

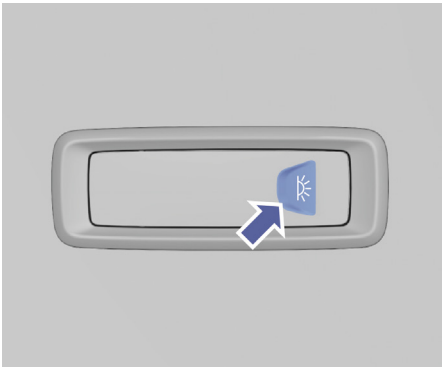


Press the front interior lamp switch to turn on or off the front interior lamp.

The door-control function of the interior lamps will be enabled only when the front interior lamps is set to off by pressing the front interior lamp switch. ◀

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

Rear Interior Lamp



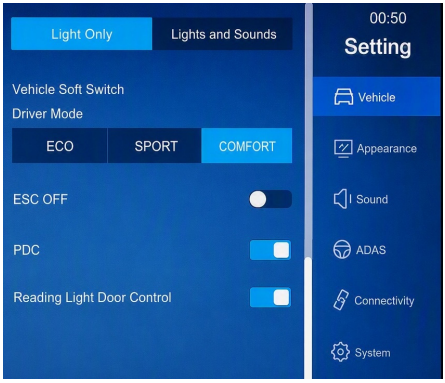
Press the rear interior lamp switch of the corresponding side. The corresponding rear interior lamp will turn on or off.

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. ◀

Door-control Function of Interior Lamp

The interior lamp door-control function is set to ON by default.

The interior lamp will automatically turn on or off according to the door status.

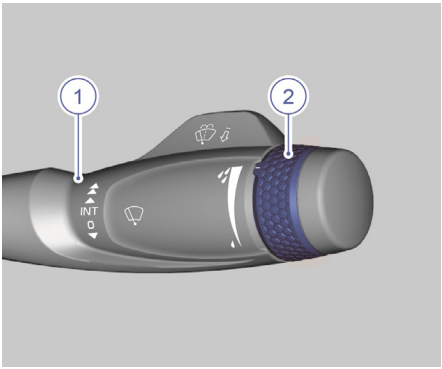


You can turn off this function in the multimedia settings.

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. ◀

Wiper

Wiper Combination Switch

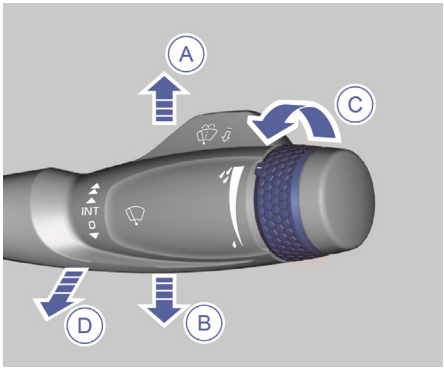


1. Wiper speed control lever
2. Intermittent speed adjusting switch

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. ◀

Operations of Wiper Combination Switch



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.

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.

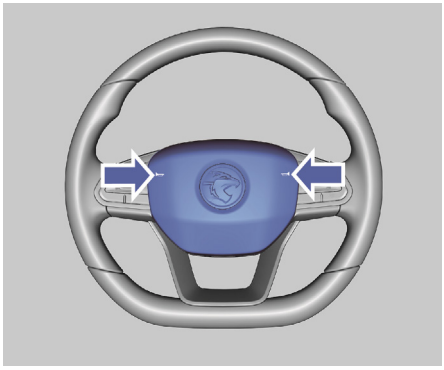
When the wiper control lever is released, the washer will stop spraying and once the cleaning is over, the wipers continue to wipe 3 cycles and perform one-cycle wiping after an interval of 5 seconds.

Wiper Speed Deceleration during Parking*

When the vehicle moving and then it is parked temporarily, if the wiper is still working, the wiper speed will be reduced automatically. This function can be turned on or off through the wiper interface on the multimedia unit setting.

Steering Wheel

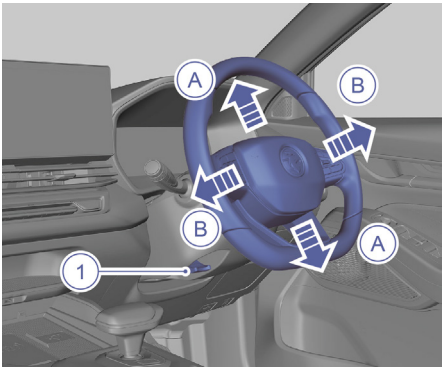
Horn



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

Steering Wheel Adjustment

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



1 - Steering wheel locking lever

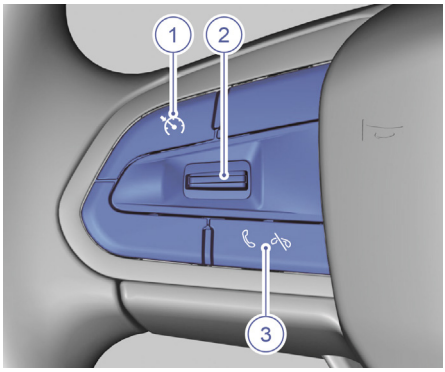
Follow these steps to adjust the steering wheel to a suitable position:

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 Buttons)



1- Cruise button

Press the button briefly to on or off the cruise control system.

2- Speed adjustment and setting button

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

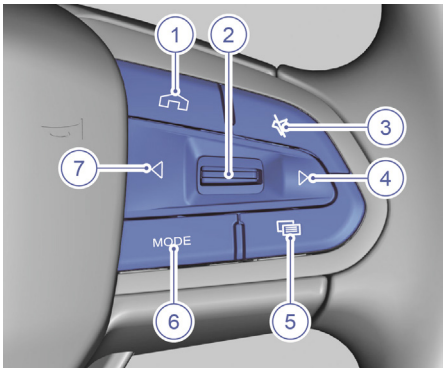
In vehicle speed limit mode, it is used for speed limit adjustment.

- Push this button upward to restore the original set cruise speed or to increase the current cruising speed.
- Push this button downward to set the current vehicle speed as the cruising speed or to reduce the current cruising speed.

3- Call button

Press the button briefly to answer or end the Bluetooth phone. Press and hold this button to reject an incoming call.

Right Control Buttons (Multi-control Function Buttons)



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.

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-function button on the steering wheel to the meter instrument mode. When the meter instrument main menu is opened, the control of the multi-function button is on the meter instrument. When the meter instrument main menu is closed, the control of the multi-function button is on the multimedia unit.

6- MODE button

Short press this button to switch the sound 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

Side Mirror

Do not adjust the side 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 Side Mirror

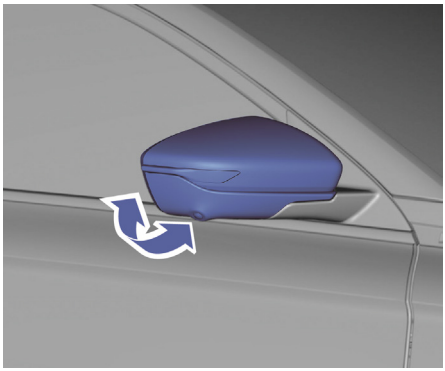


The side mirror adjustment switch is on the trim panel of the driver's side door.

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 O position.

Folding of the Side Mirrors

Manual Folding of the Side Mirrors*



Manually push the side mirror inward to fold it.

Manually push the side mirror outward to unfold it.

Electric Folding of the 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. ◀

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: **Settings → Vehicle Setting → 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.

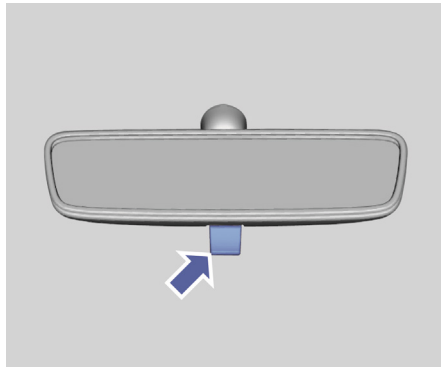
Interior Rearview Mirror

Adjustment of Interior Rearview Mirrors

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

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

Manually Dimming the Interior Rearview Mirror



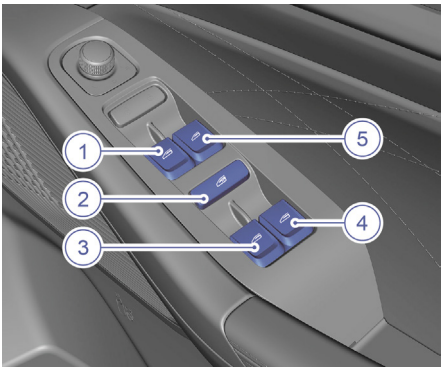
Push forward the bottom lever of the interior rearview mirror to change the angle view for dimming purpose.

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 ◀



1. Left front window switch
2. Window lock switch
3. Left rear window switch
4. Right rear window switch
5. Right front 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 trunk lid 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 trunk lid 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 Automatic and Anti-pinch Function

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 pull up and hold the power window control switch until the window glass has fully closed;

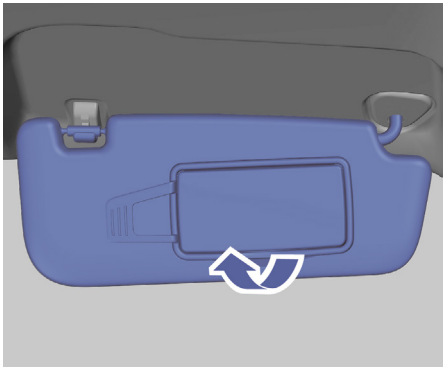
5. Gently pull up and hold the power window control switch again for more than 2 seconds before releasing it.

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. ◀

Sun Visor

Sun Visor and Vanity Mirror

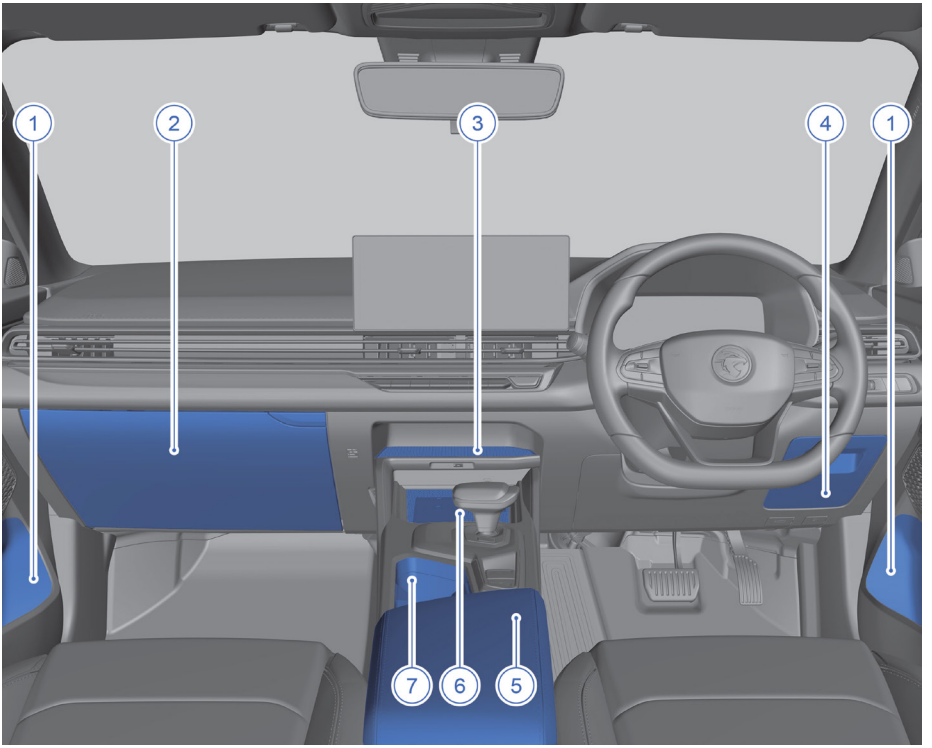


Turn down the sun visor or pull it out of the bracket and rotate it towards the door to prevent glare.

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

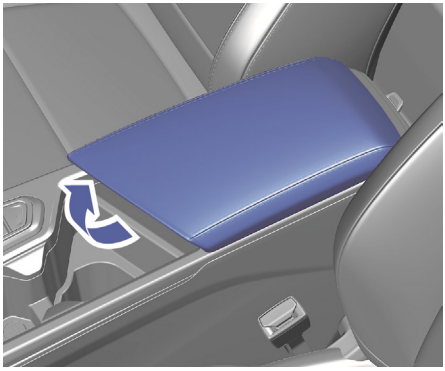
Storage Compartment

Front Storage Compartment



1. Door storage compartment
2. Glove box
3. Storage compartment at upper center console
4. Storage compartment at driver side
5. Front centre armrest
6. Storage compartment at lower center console
7. Front cup holder

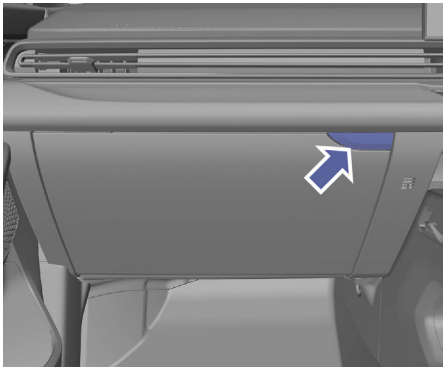
Storage Compartment in Front Center Armrest



A storage compartment is located in the front center armrest. Open the front centre armrest cover to use it.

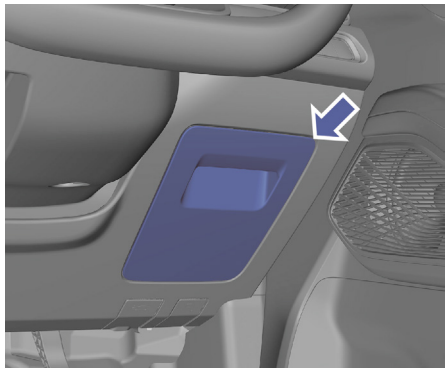
Do not open the storage compartment under the center armrest while driving to avoid injury. ◀

Glove Box



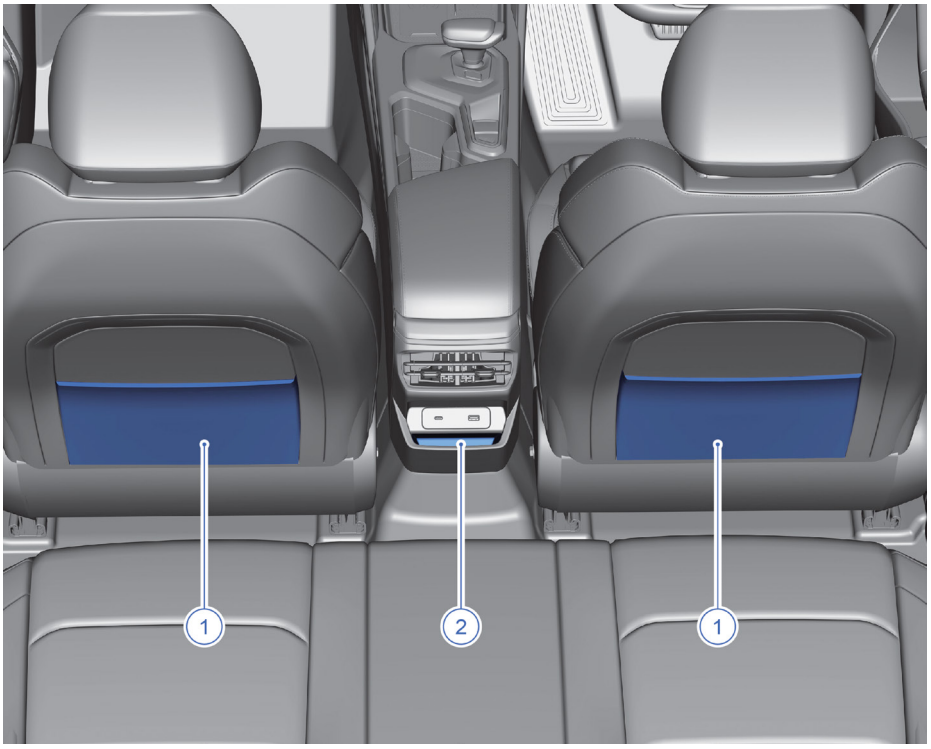
The glove box button is located on the right side of the glove box. Press this button to open the glove box. Push forward the glove box cover to close it.

Storage Compartment at Driver's Side



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

Rear Storage Compartment

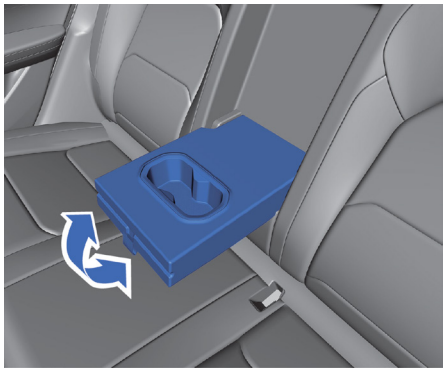


1. Seatback map pocket
2. Rear storage compartment

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

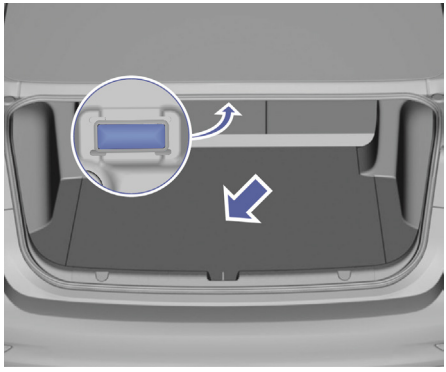
Do not store heavy or sharp objects in the seatback map pocket to avoid damage to the pocket. ◀

Rear Centre Armrest*



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

Luggage Compartment



The luggage compartment lamp turns on automatically when the trunk lid is opened (if fitted).

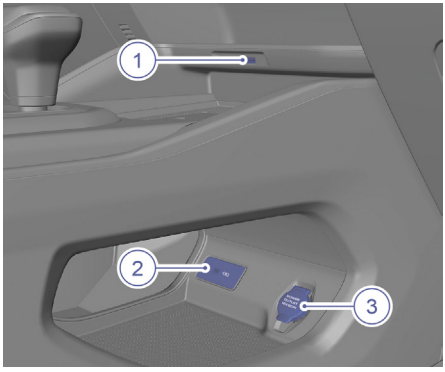
Do not put pets in the luggage compartment. ◀

- After loaded, if the weight of the load exceeds the loading capacity of the vehicle or the weight distribution of the vehicle becomes uneven, the driveability of the vehicle will be affected seriously and becomes less safe to drive. The loaded objects may move around in case of traffic accident or an emergency brake is applied. Try to put the loaded objects at the lower front position and as close as possible to the upright rear seatback.
- When loading a taller or larger load, the size of the load must not exceed the height of the seatback and the load compartment. Make sure to fasten the loads in the vehicle to ensure driving safety. ◀

In-vehicle Power Supply

Wired Charging

Front Charging Slots



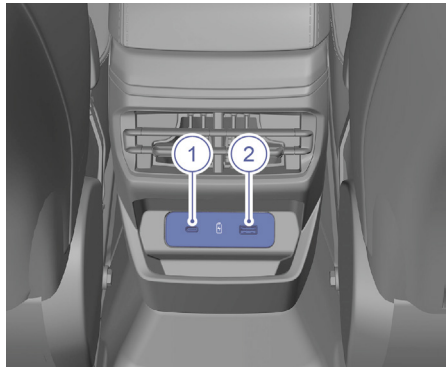
The USB charging slot is used to charge mobile devices and USB multimedia slot can be used for data transmission and charging.

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

1. USB multimedia slot
   USB multimedia slot has a data transmission and charging function.
2. Type-C charging slot
   Type-C charging slot can be used to charge mobile devices.
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



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 (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. ◀

Seat Belt

Overview of Seat Belt

When the vehicle is running, all occupants 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 occupants.

- Failure to wear seat belt or improper wear of seat belt may cause serious injury and fatality!
- No occupant 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.

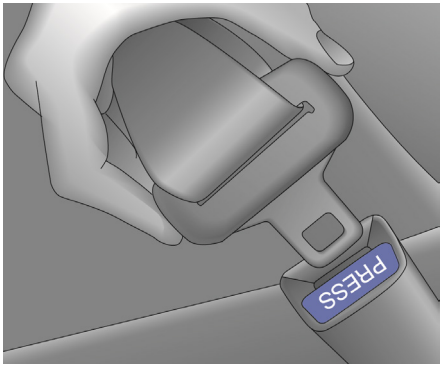
If the pregnant woman uses the seat belt incorrectly, the seat belt may

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.

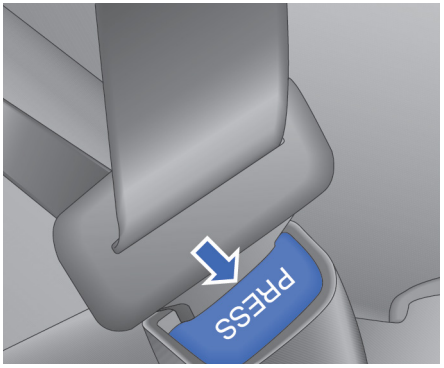


2. Press the latch plate into the buckle until a “click” sound is heard.

   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. ◀

Seat Belt Pretensioner

The seat belt is equipped with a seat belt pretensioner. In case of vehicle collision, it will tighten the seat belt to ensure the safety of the occupant. The pretensioner can only work once. 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

Driver's Seat Belt Unfastened Warning

When the driver's seat belt is not fastened, the seat belt unfastened warning lamp turns on.

Front Passenger's Seat Belt Unfastened Warning

When the front passenger's seat is occupied and the seat belt is not fastened, the seat belt unfastened warning lamp turns on.

Rear Passenger's Seat Belt Unfastened Warning

When the rear passenger's seat is occupied and the seatbelt is not fastened, the seat belt unfastened warning lamp turns on.

Seat Belt Unfastened Warning Lamp and Buzzer

1. When the vehicle speed is less than or equal to 10 km/h and the driving distance reaches more than 300 m, the warning lamp will flash and the alarm sound from buzzer will trigger simulteneously. The system will trigger the first-tier alarm sound and continue for 120 s. The warning lamp will stay on after 120 s.
2. When the vehicle speed is greater than 10 km/h and not more than 25 km/h, the first-level alarm will sound. When the vehicle speed is more than 25 km/h, the second-level alarm will sound.
3. 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 occupants 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. ◀

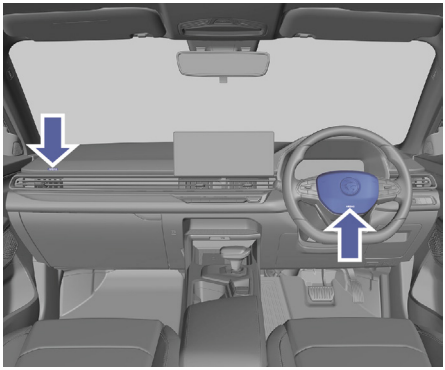
Locations of Airbags

Front Airbag

In case of frontal impact, front airbags can effectively protect occupants 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.

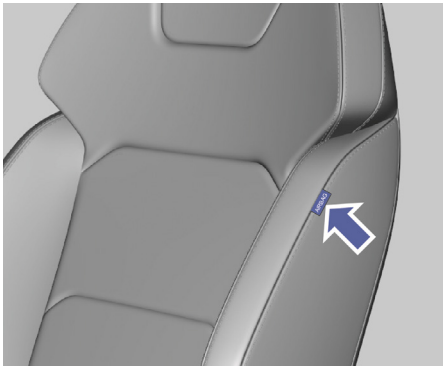
Do not modify, disassemble, knock or open any front airbag component or circuit. Otherwise, the airbag may suddenly inflate or the system will become inoperable, causing serious personal injury or fatality. ◀

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. ◀

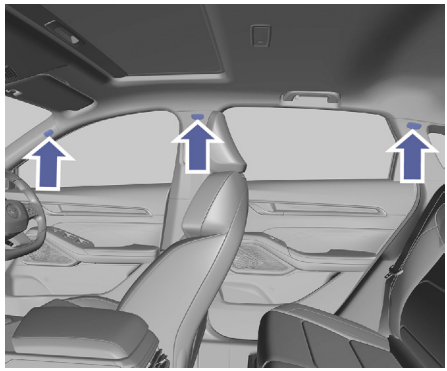
Before consult an authorised PROTON service outlet personnel, do not do the following operations to avoid affecting the normal operation of side airbag:

- 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:

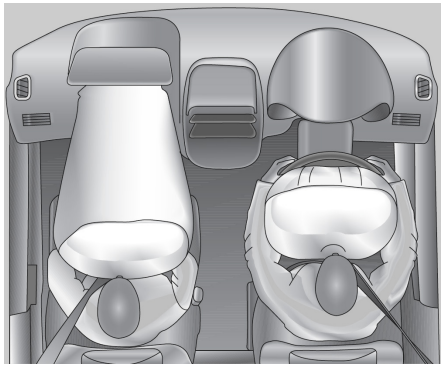
- Install electronic devices such as mobile two-way radio communication devices.
- Modify suspension system.
- Repair at or near the bracket. ◀

Deployment of Airbag

Deployment of Front Airbag

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

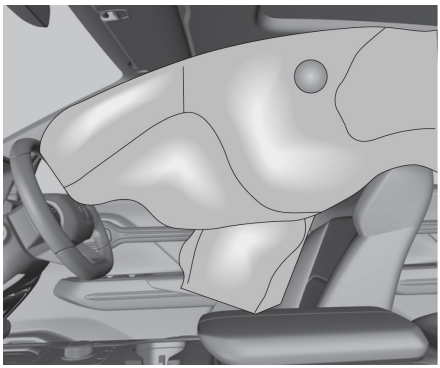
Always fasten the seat belts when the vehicle is running to minimize injuries in case of airbag deployment. The driver and the front passenger must adjust their seats so as to keep a sufficient distance from front airbags. ◀



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.

Deployment of the Side Airbags and Side Curtain Airbags*

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 in which Side Airbags and Side Curtain Airbags May Not be Deployed*

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

Cases in which Front Airbags May Not Be Deployed

- 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.
- When the vehicle gets into a trench or pit suddenly.
- In case of crash (underrun crash) against the rear of a truck.
- Rollover.
- Side collision, rear collision and minor head-on collision.
- Airbag system has faults.
- Other special cases.

Child Protection System

Selection of Child Restraint System (CRS)

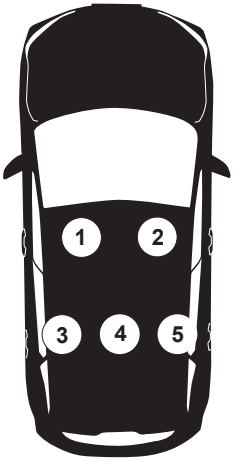
Before installing any child restraint system, make sure the headrests are removed (applicable to seatback with removable headrest). ◀

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	-

Selection of Child Restraint System (5-seater)

The **5-seater** vehicle is capable of supporting the following CRS:

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

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)

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. ◀

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.

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. ◀

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.



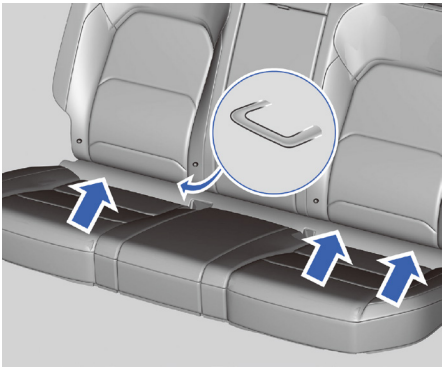


Do not install any rear facing child restraint system at a seat that is under front airbag protection (in active state)!

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. ◀

Installation of ISOFIX Child Restraints System

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



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

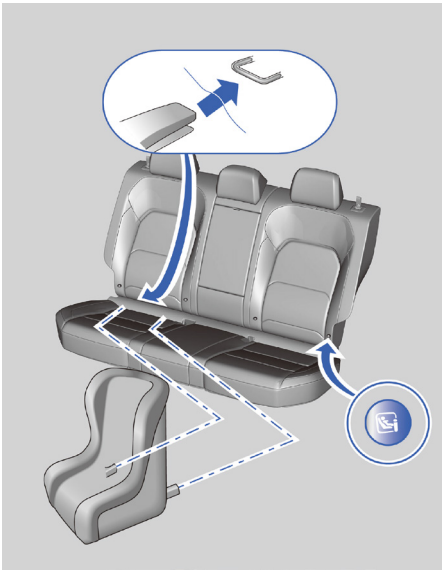
It is not necessary to fix the child restraint system with a seat belt at this time. When installing and using the child restraint system, please follow the operation and safety instructions of the manufacturer. Otherwise, the protection effectiveness may be affected.

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

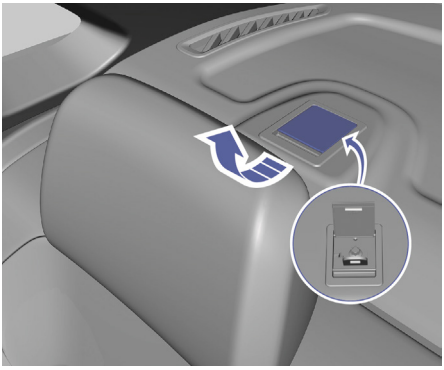
Installing CRS with Lower ISOFIX and Top Tether Anchorages

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) on the rear shelf, open the cover and insert the connector to the 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. ◀

When installing a rearward facing child restraint system (ISO/R3 - sized CRS) in the rear seats, the front passenger seat can be adjusted to the front-most position and the seatback of the driver's seat can be reclined to 15°. If the headrest of the vehicle seat affects the installation of the child seat, it can be removed. ◀

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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.

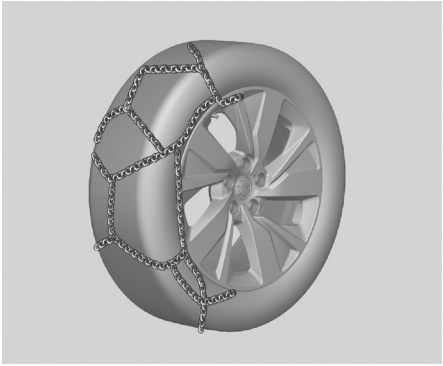
For details on winter tyre supply and selection of applicable tyres, consult an authorised PROTON service outlet.

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.

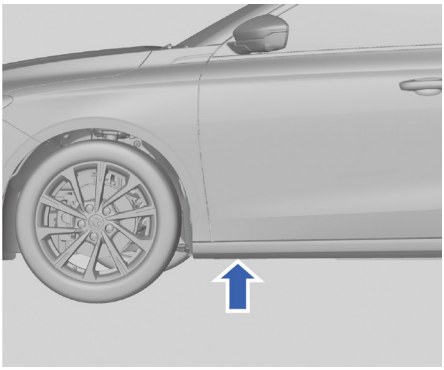
8. Reduce vehicle load
   Each kilogram of additional load may increase fuel consumption. Clear unnecessary luggage on vehicle regularly.

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.

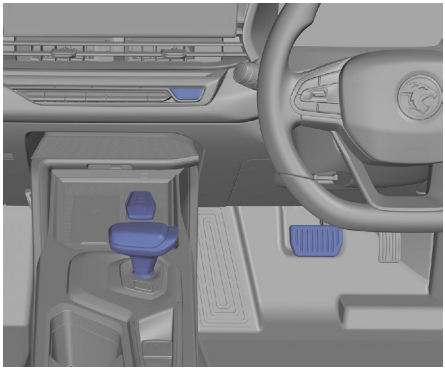
Do not leave children or persons with incapabilities inside the vehicle. They may release parking brake or operate the gear shift lever, causing vehicle to move and may result in personal injury or fatality. ◀

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

Starting the Engine

Starting the Engine



1. Carry a valid intelligent key;
2. Place the gear in N position or press the P button to place the gear in P position.
3. Press the brake pedal;
4. Press the ignition switch.

- Before starting the vehicle, check that the driver seat, steering wheel, interior rear view mirror and 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 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 turbocharged engine is replaced with engine oil, oil filter, newly installed turbocharger or an 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.
4. Press the ignition switch to OFF position.

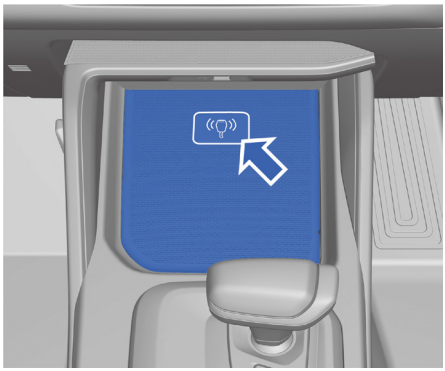
Do not press the ignition switch before the vehicle stops completely. ◀

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:

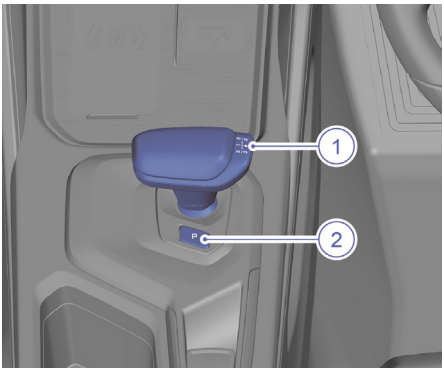


1. Place the intelligent key at the key identification area as shown in figure.
2. Place the gear in N position or press the P button to place the gear in P position.
3. Press the brake pedal.
4. Press the ignition switch to start the vehicle.

If the keyless starting 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. ◀

Gear Shift Operation

Gear information



1. Gear shift lever
2. P button (Parking Gear)

Push the gear shift lever forward or backward to switch among the following gears: reverse gear (R), neutral gear (N) and forward gear (D). Press the P button to switch the gear to Park gear (P) position.

Gear Operation

Park (P)

For long-time parking or parking on a ramp:

After the vehicle has completely stopped, pull up the electric parking brake (EPB) switch to engage the parking braking. Then, press down the Park (P) button. Both automatic transmission and the vehicle's service brakes will be locked.

For short-time parking: the gear shift lever can be switched to the Neutral (N) position. To ensure the vehicle has stopped and stay in position, pull up the electric parking brake (EPB) switch engage the parking braking at the same time.

Do not engage the gear in D, R or M position or keep pressing the brake pedal for short-time parking. Otherwise, the automatic transmission's service life 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. ◀

Drive (D)

Start the engine with the gear in Park (P) or Neutral (N) position, and hold at least for three seconds. After the engine runs smoothly, press and hold the brake pedal. Press down the electric parking brake (EPB) switch to release the parking brake. Place the gear shift lever in 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)

After the engine runs and vehicle stops completely, press and hold the brake pedal. Press down the electric parking brake (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 (+/-)

After the gear is switched into Drive (D) position, push the gear shift lever leftwards or rightwards to enter the manual shifting mode.

Each time the shift lever is pushed rightward, which is in the “+” direction, the gear will shift up by one gear.

Each time the shift lever is pushed leftward, which is in the “-” direction, the gear will shift down by one gear

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

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

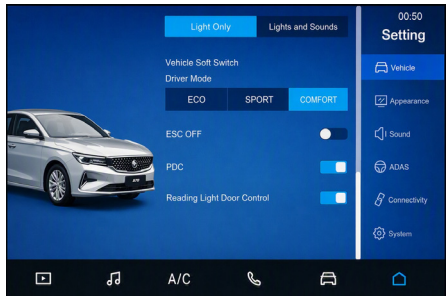
When the vehicle is running down a long or steep slope, firstly reduce the vehicle speed and then lower the gear position. You can use 3rd or 2nd gear to control the vehicle speed and use together with the brake pedal to ensure that the vehicle can run safely at a constant speed. Avoid using the brake pedal continuously as much as possible, otherwise the brake may fail easily.

When downshifting on smooth roads, be careful that sudden shifting will cause the vehicle to spin or skid.

When driving on snowy or muddy roads, engage the gear into Drive (D) position. If the driving wheels are slipping, you can switch the gear shift lever to manual mode and shift to a lower gear. ◀

Driving Modes

Driving Modes Selection



On the multimedia display screen, click in sequence :

Vehicle Setting → Vehicle

In this interface, select your required driving mode: ECO, Sport or Comfort.

ECO mode

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

SPORT mode

In the SPORT mode, all driving gears will automatically lag in upshifting and advance in downshifting, which can make full use of the engine’s backup power and obtain better driving power.

COMFORT mode

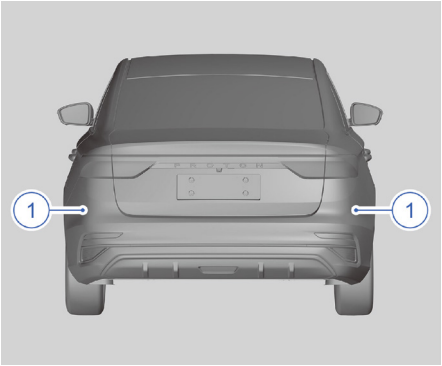
In the COMFORT mode, the vehicle has both fuel economy and driving power.

When the vehicle is in M gear (manual mode), the driving mode cannot be switched.◀

Intelligent Driving System

Introduction of Intelligent Driving System

Medium-range Radar*



1 - Rear Side Medium-range Radar

The intelligent driving system detects targets through rear side medium-range radar. Please note the followings during daily use:

- Adverse weather conditions such as heavy rain, snowstorms, or dense fog may reduce the performance of the rear side medium-range radar, potentially causing some targets to go undetected or be detected too late.
- Keep the rear side medium-range radar clean. No obstacles should obstruct the field of view of the rear side medium-range radar, as this may affect the performance of the intelligent driving system.
- Under certain exceptional conditions, the performance of the rear side medium-range radar may be reduced.
- Do not modify or tamper with the rear side medium-range radar. Strong vibrations or even minor impacts can affect its calibration and performance.
- If the surface of rear side medium-range radar is obstructed or contaminated, the meter instrument display will prompt both visual text and audio alarm to remind the driver.

The rear-side medium-range radar may experience reduced detection capability under certain road conditions, which is a normal response. To restore normal function, ensure the radar's surface is clear and drive the vehicle under typical road conditions for a period of time. If the radar does not return to normal operation, go to an authorised PROTON service outlet for maintenance.

In the following situations, please visit an authorized PROTON service outlet for professional calibration of the rear-side medium-range radar:

- The rear side medium-range radar has been removed and installed.
- The toe-in and/or rear wheel camber have been adjusted during four-wheel alignment.
- After a collision.
- The intelligent driving system is degraded or abnormal. ◀

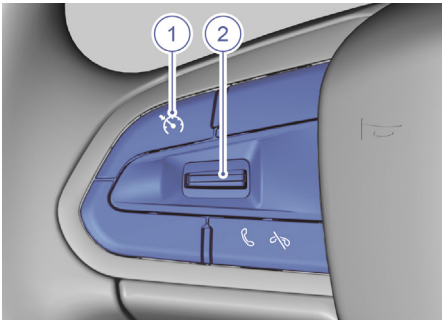
After removing the plastic mounting clips of the rear side medium-range radar, the clips should be replaced to ensure the installation accuracy of the radar. ◀

Cruise Control (CC) System

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

Do not use the constant speed of the cruise control system on winding, congested or slippery roads. Otherwise, traffic accidents may occur. ◀

Function Activation



The CC (cruise control) button is on the left side of the steering wheel.

1. Cruise button: Press this button to enable or disable the cruise control function.
2. Speed adjustment and setting button:
   - Push this button upwards (towards RES/+)
     Short push: cruise speed increase by +1 km/h.
     Push and hold: cruise speed increase by +5 km/h.
   - Push the button downwards (towards SET/-)
     Short push: cruise speed reduce by -1 km/h.
     Push and hold: cruise speed reduce by -5 km/h.

If the cruise control system is enabled all the time (shown in the current meter instrument display) but the cruising speed is not activated, turn off the cruise control system. Otherwise, the driver may accidentally push the button and enter the cruising speed, in which the driver may become panic and lose control, causing traffic accidents. ◀

Setting Speed

1. Press the cruise control button to enable the cruise control function. The cruise control function is now in standby mode.
2. When the cruise control function is in standby mode (the CC status indicator is shown in meter instrument will illuminate) and the current vehicle speed is 30 km/h or higher, push down the speed adjustment and setting button (towards SET/-) to set the current driving speed as a cruising speed.
3. When driving with the constant crusing speed mode of the cruise control function, push the speed adjustment and setting button upwards (towards RES/+) or push it downwards (towards SET/-) to adjust the current cruising speed.

Restoring Set 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 up the speed adjustment and setting button (towards RES/+) to restore 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. The new increased vehicle speed can be set as new cruising speed by pushing down the speed adjustment and setting button (towards SET/-).
- 2nd method: If the cruise control is enabled, push up and hold the speed adjustment and setting button (towards RES/+). The cruising speed will first be adjusted to an integer multiple of 5 km/h and afterward the cruising speed will increase by 5 km/h. Release the button once reaches your desired speed. The vehicle will accelerate to the desired speed. The maximum cruising speed is 150 km/h.
- To slightly accelerate, briefly push up the speed adjustment and setting button (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 down and hold the speed adjustment and setting button (towards SET/-), and the speed will decrease constantly at 5 km/h until the vehicle decelerates to the desired speed or reaches the minimum set speed of 30 km/h. Then release the button.
- To slightly decelerate, briefly push the speed adjustment and setting button down (towards SET/-). One short down-push and the vehicle speed will decrease by 1 km/h.

Overtaking when Using Cruise Control

Increase the vehicle speed with the accelerator pedal. When you release the accelerator pedal, the vehicle speed will decrease to the set cruise speed.

Using Cruise Control at Slope

The performance of cruise control system on ramp depends on vehicle speed, load and gradient of the slope. It may be necessary to press and hold the accelerator pedal to maintain the vehicle speed when the vehicle is climbing a steep upslope. When going down a hill, brake or change to lower gear to maintain the vehicle speed. Cruise control will be turned off when brake is applied.

Exiting the Cruise Control

The cruise control function can be exited by three methods:

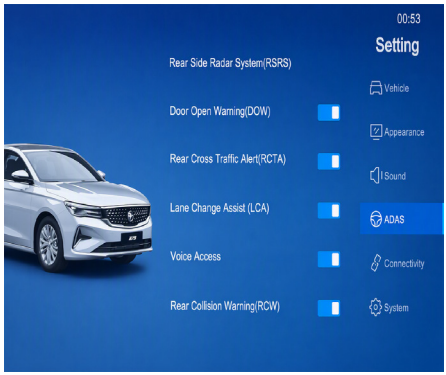
- Press the brake pedal to exit the cruise control function, but the CC status indicator will stay on in white. This indicates that the cruise control function is in standby mode.
- Engage the neutral gear (N).
- Press the cruise control button to completely turn off the cruise control system.

Clearing the Set Speed Memory

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

Rear Side Radar System (RSRS)*

The system detects the rear side of the vehicle based on the rear medium-range radar on both sides of rear bumper. These radars are used for lane change assist (LCA) including Blind Spot Monitoring System (BLIS) and Rear Cross Traffic Alert (RCTA), Rear Collision Warning (RCW) and Door Opening Warning System (DOW) functions.



When the vehicle is powered on, the rear side radar assist system will start self-check, and the system function is not available during this stage. ◀

Click **Vehicle Setting** → **ADAS** in sequence to enter the **Rear Side Radar System (RSRS)** interface on multimedia display screen.

Choose to enable or disable the functions required in this interface. The enable or disable state of all functions remain as the previous setting.

The system will prompt the driver of driving safety via the on or flashing of blind spot monitoring indicator on the door mirror,

meter instrument prompt, warning sound, flashing of hazard warning lamp, etc.

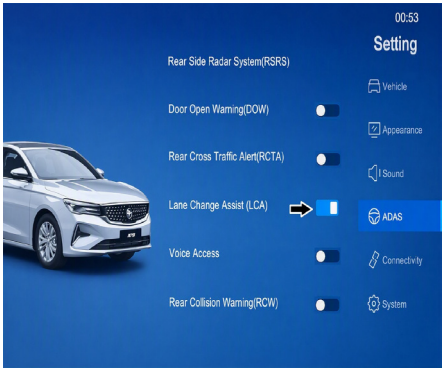
When the ignition switch is in ON position or the engine has started, the blind spot detection status indicator on the meter instrument display will light up and turn green indicating that the system works normally. When the blind spot detection status indicator turns red, this indicates that the system fails.

- Please keep both sides of rear bumper surface clean.
- This system is only for driver assist, and it cannot replace the driver's safe driving.
- Do not dismantle or exchange the rear side medium-range radar. ◀

Lane Changing Assist (LCA)

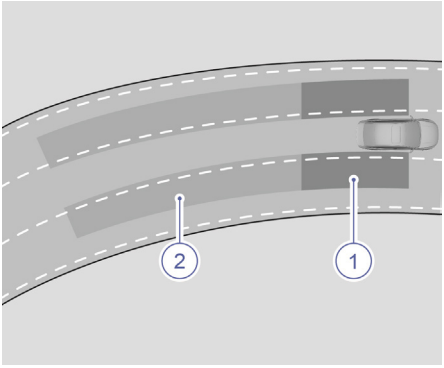
The lane change assist function covers the blind spot area and the rear side area with fast approaching vehicles, to assist and warn the driver against blind spots and rear approaching vehicles when driving, especially when turning or changing lanes.

LCA function works when changing lane with this vehicle speed at 15 ~ 150 km/h.



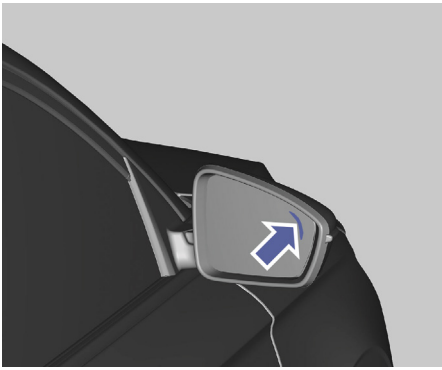
When the warning trigger condition is met, the blind spot monitoring indicator on the door mirror will illuminate or flash.

If the sound function in the multimedia display has been turned on in advance, when the target vehicle is in the blind spot of this vehicle or the target vehicle is traveling at a faster speed in the adjacent lane behind, the blind spot monitoring indicator on the door mirror will illuminate to alert the driver of the lane change risk.



1. Blind spot area
2. Rear side area with fast approaching vehicles

If the driver manually operates the turn signal lever in the same direction as the oncoming vehicle, the indicator lights on the door mirror will flash, and an audible warning will be triggered.



In some cases, the lane change assist function may not work to assist the driver. Possible situations include:

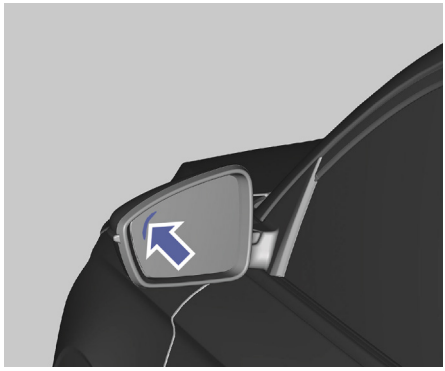
- In bad weather such as rain or snow.
- It does not work on stationary targets.
- It does not work on pedestrians and bicycles.
- Sharp turns and open areas.

Rear Cross Traffic Alert (RCTA)

The rear cross-traffic alert function utilizes the rear side mid-range radar to detect approaching targets. This function can only be activated when reversing or in reverse gear.

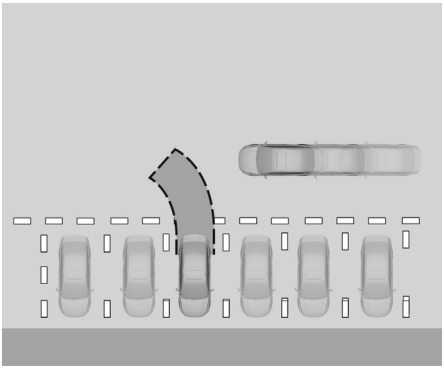
When a collision risk is detected between the vehicle and rear vehicles, motorcycles, bicycles, pedestrians, etc., the rear cross traffic alert gives an clear and accurate alarm to remind the driver of the risk.

When the vehicle is in a reverse state and there is a high risk of collision, the system will activate a more urgent warning form to remind the driver of the risk of collision behind the side. If the vehicle features the active pretension safety belt, the safety belt pretension will also be triggered when braking.



This function works in the low-speed reversing scene. When a possible collision is detected, the rear cross traffic alert function will provide the driver with light alarm (danger warning on the blind spot monitoring indicator in the exterior rearview mirror) and sound alarm (danger

warning sound from multimedia display screen) to prevent the vehicle from colliding with the rear crossing vehicles when leaving the parking area.



When the system detects a vehicle is approaching from behind at a higher speed, the hazard warning lamp will turn on to remind the rear vehicle to slow down or keep a safe distance. When a risk of rear-end collision exists, if this vehicle fitted with the active pretension seat belt, then the driver's seat belt will be actively tensioned.

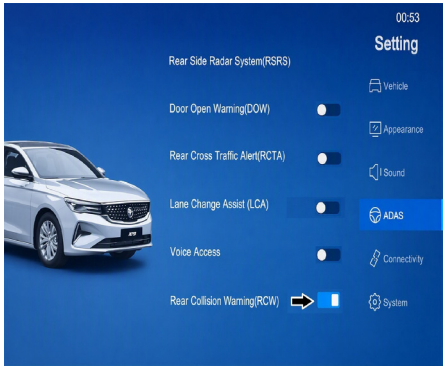
When the vehicle is stationary, with the gear shift lever in N or P position, if a risk of rear-end collision exists, the vehicle will perform braking to reduce the risk of the vehicle slipping forward after rear-end collision and avoid the secondary collision between this vehicle and the vehicle ahead (if fitted).

Rear Collision Warning (RCW)

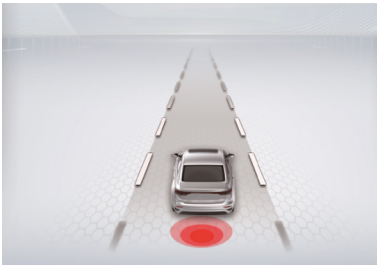
The rear collision warning (RCW) function is a collision mitigation support rear that can monitor the targets behind the vehicle.

When a vehicle is detected quickly approaching behind from the rear, the hazard warning lamp turns on to remind the rear vehicle to slow down or keep a safe distance. When a risk of rear-end collision exists, if the vehicle features the active pretension seat belt, then the driver's seat belt will be actively tensioned.

When the vehicle is stationary, with the gearshift lever in N/D position or vehicle is in the P gear , if a risk of rear-end collision exists, the vehicle will perform braking to reduce the risk of the vehicle slipping forward after rear-end collision and avoid the secondary collision between the vehicle and the vehicle ahead (if fitted).



The rear collision warning function works in the P,N or D gear, and the vehicle does not slip backwards.



The detection of the rear approaching targets includes the following targets, etc.:

- Motor vehicle
- Two wheel vehicle

In some cases, the rear collision warning function may not work to assist the driver. Possible situations include:

- The rear vehicle changes lane at the last minute.
- Too late to detect a vehicle coming from behind in certain conditions such as at sharp corners and ramps.
- The relative speed of rear vehicle exceeds 72 km/h or less than 10 km/h.

Rear collision warning function cannot avoid collision. The driver should pay attention to the warning and take necessary actions accordingly for safe driving. ◀

Door Opening Warning (DOW)

When the vehicle is stationary or at low speed, the rear side middle-range radar detects the approaching movable targets from the rear left or rear left side.

When there is a potential collision risk to open the door, the blind spot monitoring indicator on the door mirror is on or blinks and trigger a sound warning to remind the driver.

The door opening warning function mainly detects the following targets:

- Motor vehicle
- Electric vehicle or motorcycle
- Bicycle (or two-wheeled vehicle)
- Pedestrians (detection performance is not guaranteed)

In some cases, this function may not work to assist the driver. Possible situations include:

- Bad weather such as rain or snow.
- It does not work on stationary or slow targets.
- Vehicles are approaching or leaving at high speed.

After the ignition switch is set to OFF position for 3 minutes or the vehicle is locked and powered off, the door opening warning function will stop working. ◀

Driver Assist System

Service Brake

When you press the brake pedal, the actual braking distance will be different due to road conditions, vehicle weight and applied braking force. Keep enough distance from the front vehicle to avoid inching brake and emergency brake.

Do not add non-original accessories to avoid affecting vehicle performance and causing 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. ◀

When the vehicle with manual transmission or automatic transmission (manual mode) is going down a long or steep slope, first reduce the speed and then lower the gear. You can use the 3rd or 2nd gear to control the speed together with the brake pedal.

When the vehicle with automatic transmission (non-manual mode) is going down a long or steep slope, just step on the brake pedal to ensure that the vehicle can run safely at a constant speed. Avoid using the brake pedal continuously as much as possible, or the brake may fail easily. ◀

Parking Brake

Electric Parking Brake (EPB)



EPB switch with EPB indicator

EPB Manual Release

While vehicle ignition is in ON condition (ignition switch at ON position), press and hold the brake pedal, and press down the EPB switch at the same time to release the parking brake.

EPB Automatic Release

Start the engine. The EPB indicator on the EPB switch will light up. Close the door, fasten the seat belt, place the gear shift lever in driving (D) position and slowly press the accelerator pedal. The EPB will be automatically released. The EPB indicator on the EPB switch and at meter instrument will turn off.

EPB Manual Parking

Pull up the EPB switch when the vehicle is stationary to complete the manual parking, and the EPB indicator will turn on.

Once EPB is activated (by pull up the EPB switch), the electric parking brake (EPB) indicator lamp on the meter

instrument display will light up. If the indicator lamp does not light up, contact an authorised PROTON service outlet for inspection as soon as possible. ◀

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. ◀

EPB Automatic Parking

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

Disabling EPB Automatic Parking Function (Vehicle Wash Purpose)

In some special cases (such as when washing this vehicle), you can turn off the vehicle with the electric parking brake in release condition.

The following methods can disable the EPB automatic parking function:

1. Press and hold brake pedal. At the same time, press EPB switch button once to release the parking brake.
2. Then, press again the EPB switch button continuously. At the same time, turn off the engine by pressing the ignition switch to OFF position.

By doing this, this vehicle will not engage the electric parking brake automatically.

- If the EPB indicator lamp in the meter instrument lights up after the EPB automatic parking 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 enabled, put obstacles such as brick at rear wheel to prevent the vehicle from moving, when necessary. ◀

Improper use of the electric parking brake system may cause casualties.

Do not engage EPB to brake this vehicle except when in emergency. When the gear is in driving (D) position and EPB is still engaged for manual emergency braking, do not press the accelerator pedal to move the vehicle. ◀

When the EPB is released, rear wheel brakes will be unlocked and the vehicle will lose its parking function. To avoid vehicle damage and serious personal injury, do not perform this operation on a slopes. ◀

When using the automatic car washing facility and the vehicle needs to move, start the engine, shift the gear shift lever to N position and release the EPB manually. ◀

AUTO HOLD (AVH)

AUTO HOLD function maintains the vehicle position when the driver steps on the brake pedal to stop. The braking force will be automatically maintained.

Driver does not need to continuously press the brake pedal during temporary stop such as while waiting for a traffic light or while in a traffic jam.

When the driver steps on the accelerator pedal to start moving the vehicle again, the braking force will automatically release.

Depending on the condition, the vehicle may move even when AUTO HOLD is activated. ◀



AUTO HOLD switch with indicator lamp

The AUTO HOLD switch is located on the switch panel of the center console.

Enabling the AUTO HOLD

When the vehicle is started, the driver door is closed, the driver seat belt is fastened, press the AUTO HOLD switch to enable the AUTO HOLD function. The AUTO HOLD switch indicator lamp and AUTO HOLD (AVH) status indicator AUTO HOLD on the meter instrument display will lights up (standby mode).

Disabling the AUTO HOLD

When the AUTO HOLD function is in operation, press the AUTO HOLD switch to disable the AUTO HOLD function. The AUTO HOLD switch indicator lamp and AUTO HOLD (AVH) status indicator AUTO HOLD on the meter instrument display will turn off.

Activating and Deactivating the AUTO HOLD

1. Start the engine, close the driver door, and fasten the seat belt. When the AUTO HOLD function is in standby mode and the vehicle speed is zero, press the the brake pedal to activate the AUTO HOLD function. Make sure the gear shift lever is in the non-R position. The AUTO HOLD (AVH) status indicator AUTO HOLD on the meter instrument display will lights up.
2. Lightly press the accelerator pedal to deactivate AUTO HOLD function and the parking brake will automatically release. The AUTO HOLD (AVH) status indicator AUTO HOLD at meter instrument display will turn off.
3. If the accelerator pedal is not pressed for a certain period of time, it switches to EPB mode, and the electric parking brake (EPB) system status indicator lamp (P) lights up in red.

AUTO HOLD force exit

If the AUTO HOLD function has been activated, if the driver:

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

The electric parking brake (EPB) will engage. The AUTO HOLD (AVH) status indicator AUTO HOLD on the meter instrument display will turn off and the electric parking brake (EPB) status indicator Ⓟ will illuminate in red.

Anti-lock Brake System (ABS)

This vehicle is equipped with ABS to prevent the wheels from locking when you apply the maximum braking force. In most cases, the steering control performance of the vehicle under emergency braking can be improved.

The braking distance will be longer on roads covered with rough, gravel or snow than on normal roads. ◀

When braking, you can feel the continuous “cluck” sound from the engine compartment and vibration from the brake pedal. This is caused by normal operation of the anti-lock braking system and this is normal.

Once the anti-lock braking system stops working, the operation of the brake pedal will return to normal. ◀

Electronic Brake-force Distribution (EBD)

When braking, EBD will automatically adjust the brake force distribution ratio of the front and rear axles to improve the braking efficiency, and cooperate with ABS to improve the braking stability, thus ensuring the stability of the vehicle.

Electronic Stability Control (ESC) System

ESC system is an active safety technology that assists the driver in controlling the vehicle. It corrects the instability of the vehicle body and helps to prevent accidents by applying braking force to the wheels individually, and guides the vehicle back to the driver's indended direction.

ESC system is only an auxiliary system. There are still risks when driving on the slippery and wet roads. Please drive carefully. ◀

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

You may hear some noise or feel the vibration of brake pedal. This is normal. Continue to steer the vehicle in your desired direction.

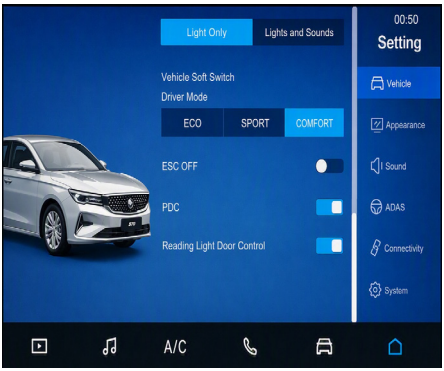
If a fault within ESC system is detected, the ESC status indicator at meter instrument will be stay on and the system will not work as intended. In this case, driving style should be adjusted.

ESC system will be enabled by default

when the vehicle is started. To keep control of the vehicle stability, the system should always be enabled.

Turn OFF ESC System

ESC OFF



After the vehicle is started, click in sequence:

Vehicle Setting → **Vehicle** on the multimedia display screen in order to enable the ESC SPORT or select OFF at ESC mode in this interface.

When the ESC SPORT is enabled or ESC mode is turned OFF, the ESC system will automatically turn off. The ESC OFF indicator on the meter instrument display will light up.

When there is insufficient traction force, the ESC system can be turned off in the following conditions:

- When it runs on soft road.
- When the vehicle is trapped in some place (such as a muddy road) and needs to be moved forward and backward.

ESC Activation

Disable the ESC SPORT or select ON at ESC mode through the multimedia display screen and ESC will turn on automatically. Then, the ESC OFF indicator in the meter instrument display will turn off.

Hydraulic Brake Assist (HBA)

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

HBA can only help the driver to increase the braking force. It does not mean that accidents can be avoided. Therefore, you should always keep a safe distance and drive 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 produce stabilizing torque at the driven wheel to reduce the slip.

Hill Hold Control (HHC)*

HHC function helps the driver to comfortably move the vehicle more on slopes. After release the brake pedal, HHC holds the brakes to give enough time for the driver to press the accelerator pedal to move the vehicle and prevent the vehicle from rolling away accidentally.

When starting on the ramp and the driver releases the brake pedal, HHC can maintain the braking pressure for about

two seconds to effectively prevent this vehicle from rolling.

HHC can be activated when the parking brake is fully released at both of ESC system setting (enabled or disabled). ◀

HHC only maintains the brake pressure shortly when the driver releases the brake pedal. If the accelerator pedal is not pressed or the EPB switch is not pulled up, the vehicle may roll back on the slope after 2 seconds. Therefore, drive carefully when starting on the uphill! ◀

Electric Power Steering (EPS)

Electric power steering (EPS) system monitors the driving speed and adjusts the power assistance in real time to ensure the portability of low-speed steering and the stability of high-speed steering, and improve the sense of safety.

The steering mode of EPS can be manually adjusted (if equipped) in the meter instrument settings (EPS Mode Switch selection menu).

If the steering is difficult or the EPS failure warning indicator at the meter instrument lights up, contact an authorised PROTON service outlet in time for maintenance.

Park Assist System (PAS)*

Parking Distance Control (PDC)

The parking distance control (PDC) function in park assist system (PAS) helps the driver to avoid hitting objects when parking.

Front Parking Sensors*

The parking sensors on front bumper can detect barriers 0.7 meter away from the front part of the vehicle at most.

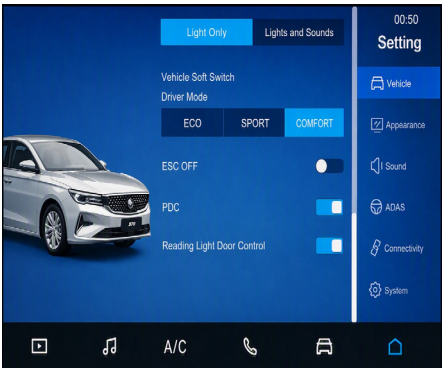
Rear Parking Sensors

The parking sensors on the rear bumper can detect barriers 1.5m away from the rear part of the vehicle at most.

Park assist system cannot replace the vision of the driver.

- Park assist system cannot detect objects below the bumper or vehicle, or objects too close or far away from the vehicle.
- Park assist system may be cannot detect children, pedestrians, cyclists or pets.
- Park assist system cannot detect tiny objects.
- Pay attention to the surrounding conditions when parking the vehicle, Otherwise, serious casualties and property damage may occur. Even if the vehicle is equipped with a park assist system, the driver must carefully observe whether there are obstacles before parking. ◀

Enabling and Disabling the Park Assist System



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 Setting → **Vehicle** and select Parking Distance Control (PDC) in this interface to disable the park assist system.

How the System Works

When the park assist system works and there are obstacles in the detection range, the detection results will be displayed on the multimedia display in colour blocks, with beep sound to remind.

The beeps indicate that there are obstacles in front of (if front parking sensors are equipped) or behind the vehicle. The beeps will become more frequent when the vehicle moves closer to the obstacle. When the distance is less than 30 cm, a continuous beep will be heard.

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

When the System Cannot Work Normally

Be aware that the parking sensor of the park assist system may not warn or may give wrong warnings under the following conditions:

When Obstacles Cannot be Detected

- The parking sensor cannot detect net-shaped obstacles like iron wires, mooring ropes and blocking net.
- The parking sensor cannot detect low obstacles like rocks, wood blocks, etc.
- The parking sensor cannot detect vehicle with a high chassis.
- The parking sensor cannot detect soft objects like snow, cotton, sponge which can absorb the ultrasonic wave.
- The parking sensor cannot detect some obstacles with special shapes, such as pillars, small trees, bicycles, angle materials, sills and corrugated paper.

Situations in which Wrong Warning may be given

- Ice or water covered the surface of the parking sensor.
- The vehicle is on a steep slope.

- The vehicle is fitted with high-frequency radio or antenna, or they are used nearby.
- Horn sound of other vehicles, roar of the engine or exhaust sound of vehicle are 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 listed situations, please contact an authorised PROTON service outlet for inspection.

When there are multiple obstacles, the parking sensor can only detect nearest obstacle. Please note whether the parking sensor at another side detects other obstacle when this vehicle moves. ◀

Do not use water gun to directly spray high pressure water and do not squeeze or hit the surface of the parking sensor in other ways. Otherwise, it may cause failure. ◀

Reverse Camera*

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

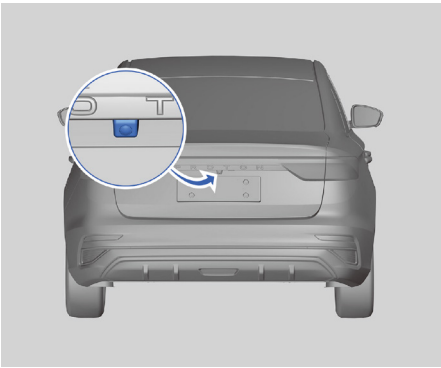
The driver must carefully observe whether there are obstacles around this vehicle before start reversing. Otherwise, casualties and property losses may occur. The reverse camera cannot replace the driver's vision. Do not solely rely on the reverse camera when reversing this vehicle.

- The distance displayed in the image produced by the reverse camera on the multimedia display screen is different from the actual distance.
- The reverse camera cannot detect objects outside the visual range of the reverse camera, such as under the bumper and under the vehicle.
- The reverse camera may not detect children, pedestrians, cyclists or pets.
- Do not use the reverse camera when operating this vehicle for a long distance reversing or reversing at high-speed, or in places where there are transverse passing vehicles. ◀

Position of the Reverse Camera

The reverse camera is located on the trunk lid (just above the license plate). The reverse camera has a limited visual range and cannot detect the objects in corners or below the bumper. Displayed images will be different as the vehicle direction or road condition varies.

Distance shown in the image produced by the reverse camera on the multimedia display screen is different from the actual distance.



Guiding Line for Reversing

The guiding line for parking is a dynamic track line, which adjusts the indicated direction according to the angle change of steering wheel rotation.

When reversing, the guiding line for reversing covers the road behind the vehicle and it turns left and right according to the rotation of the steering wheel. The direction indicated is the same as the actual running track of the vehicle to help the driver plan the reversing route.

- When the reverse camera is on, click the guiding line icon on multimedia display interface to enable or disable the guiding line function.
- 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 will be off and the guiding line icon will not be highlighted.

Turning on and off 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 interface is displayed automatically on the multimedia screen display.
- When the gear shift lever is moved out of Reverse (R) position, the reverse camera system will be turned off, and the multimedia display screen will switch back to the previously displayed interface.

Reverse Camera is Disconnected

When the connection of the reverse camera is interrupted, a prompt box will pop up on the multimedia display screen to prompt that the reverse camera is not connected properly. Contact an authorised PROTON service outlet for inspection in time.

Refuel

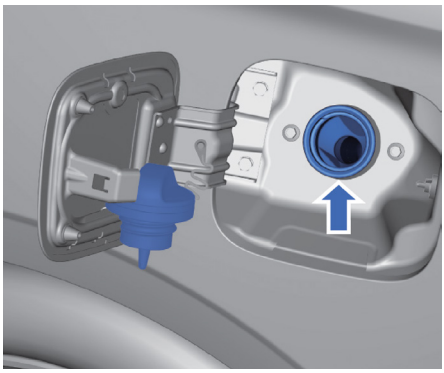
Safety Precautions at Gas Station

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.
- 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 left rear side of this vehicle.

1. When the vehicle is unlocked, pull the fuel filler cap opening lever on the lower side of the instrument panel at the driver side to pop it open.
2. Slowly turn the fuel filler cap counterclockwise and 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 your 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. ◀

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

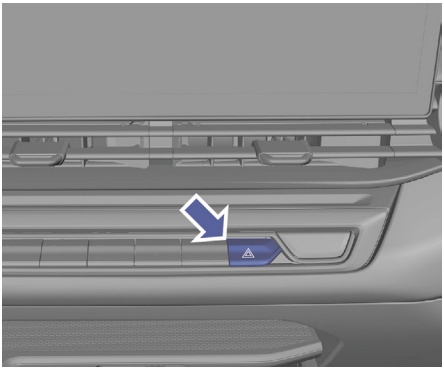
The exhaust system of this vehicle is equipped with a three-way catalytic converter. It converts harmful gases such as CO, HC and NOx in the exhaust system into CO2, water and nitrogen through oxidation and reduction process.

Failures, such as engine misfire, after-burning, etc. will cause serious damage to the three-way catalytic converter. Carry out maintenance in an authorised PROTON service outlet according to the service maintenance schedule in the Warranty and Service Booklet. ◀

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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

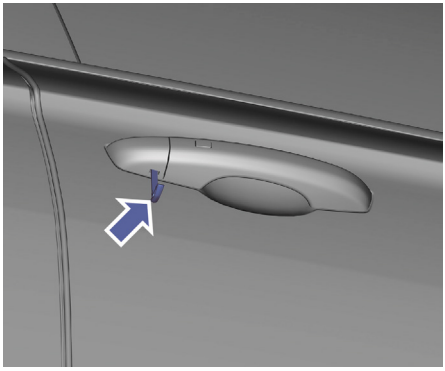
Locking and Unlocking with Mechanical Key

When the intelligent key or the ignition is turned off, the mechanical key can be used to lock and unlock the driver door. ◀

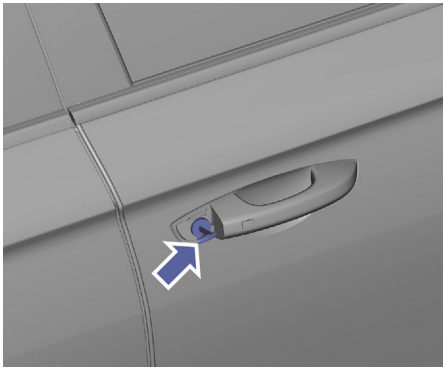
Unlocking the Driver Door

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.

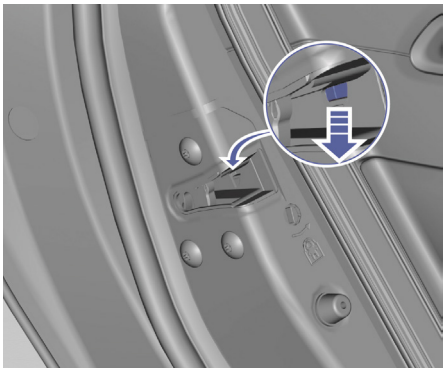


3. Insert the mechanical key into the key slot at the driver door. Rotate counterclockwise to unlock the door. Rotate clockwise to lock door.

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:

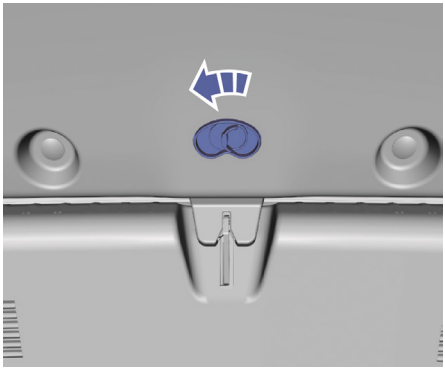
1. Take out the mechanical key from the intelligent key.



2. Insert the mechanical key into the groove at the fish mouth shaped opening of the door lock and toggle it down with the mechanical key in the direction indicated by shown arrow.
3. Remove the mechanical key and close the door to lock it completely.

Unlocking the Trunk Lid during Emergency

1. Fully fold the rear row seat seatback.
2. Enter the luggage compartment from inside and find the cover of the trunk lid emergency opening device on the rear trim panel of the trunk lid.



3. Push the trunk emergency opening switch in the direction shown in the figure to open the trunk lid.

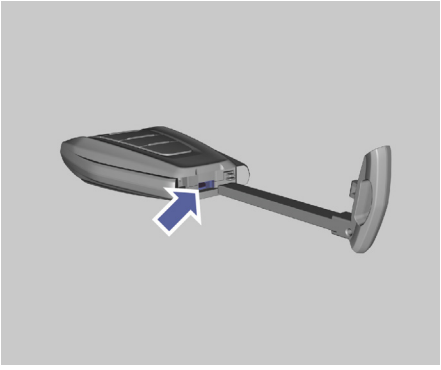
Intelligent Key Battery

Replacing the Key Battery

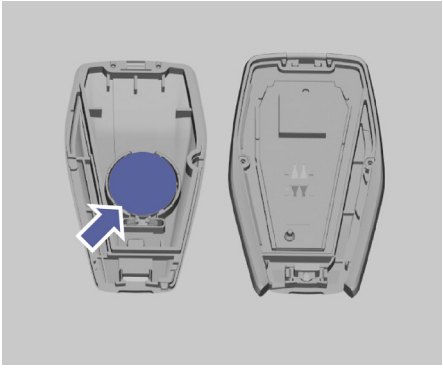
Replacement of Intelligent Key Battery

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.

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). Pay attention to the battery polarity, with the positive 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

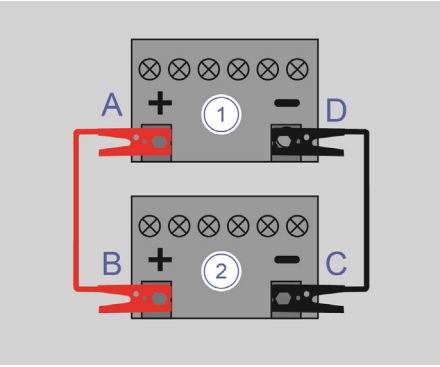
Jump-start with Jumper Cable

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. ◀

Connecting the Jumper Cables

1. Turn off the ignition switch and turn off all lamps and electric accessories, except hazard warning lamps (if necessary), of both vehicles.

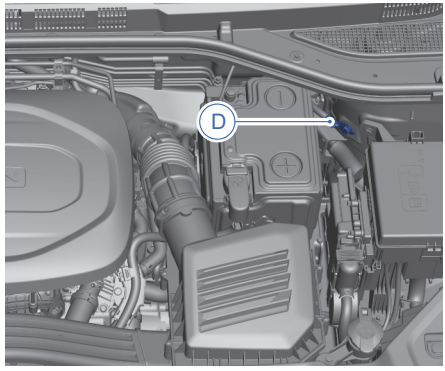


(1) - Vehicle with weak or flat battery
(2) - Rescue vehicle with good battery

2. Connect one end of red positive (+) cable to positive (+) terminal (A) of the battery of vehicle with weak or flat battery (1).
3. Connect one 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.

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 connected 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 connect or remove the jump cable 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. ◀

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. ◀

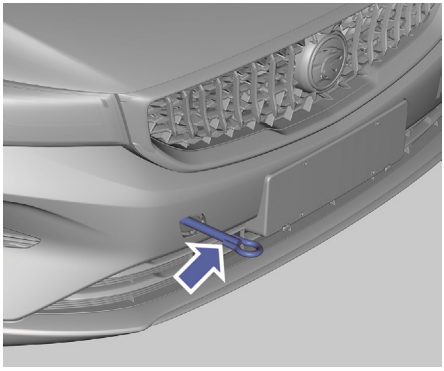
The towing eye is only used for road rescue and shall not be used for other purposes.

- 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 Front Towing Eye

1. Take out the towing eye in the attached tool box in the trunk.
2. Press to open the right front towing mounting cover plate located on the front 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

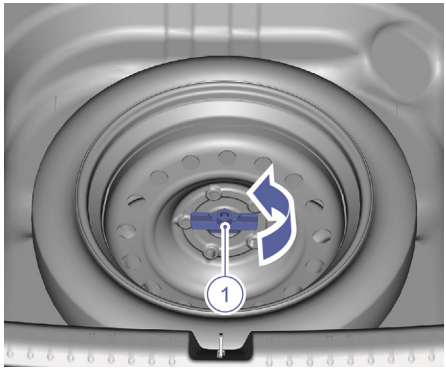
The jack and on-board tools are placed in the trunk.

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 is stored under the floor mat in the trunk.

After removing the floor mat, remove the tool kit attached to the spare tyre pit and turn the lock knob counterclockwise (direction of arrow) to remove the spare tyre.

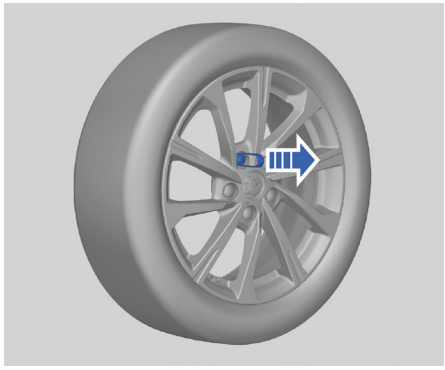


1- Lock knob

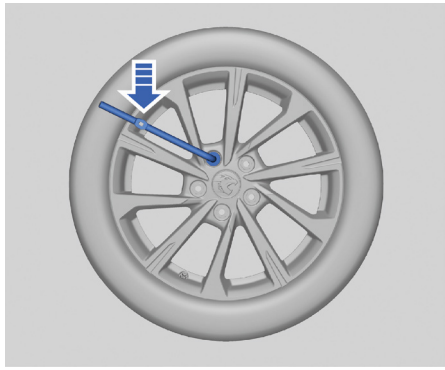
The spare tyre of the vehicle is a T-type small spare tyre. When in use, the maximum speed limit is 80 km/h. Drive the vehicle to the nearest authorised PROTON service outlet as soon as possible to replace with a new tyre. ◀

Removing the Flat Tyre and Mounting Spare Tyre

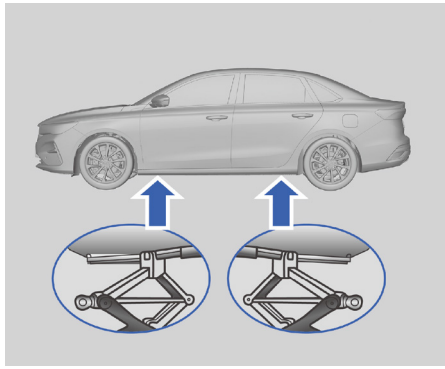
1. Carry out safety inspection first;.



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.



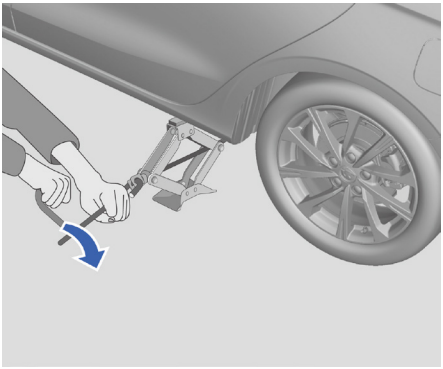
3. Place the wheel wrench on the wheel nut. Turn the wrench counterclockwise only by one turn to loosen all wheel nuts but do not take them down.



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. ◀

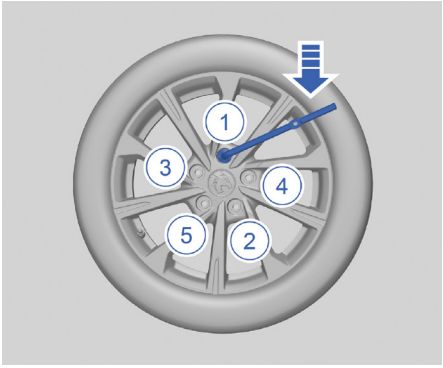


5. Connect the jack handle.
6. Turn the jack handle clockwise as shown in the figure. Jack up the vehicle to a sufficient height away from the ground for the installation of the spare tyre.
7. Remove all wheel nuts.
8. Remove the flat tyre.
9. Clean rust or dirt on the wheel bolts, mounting surface and 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.
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.

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. ◀



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 On-board Tools

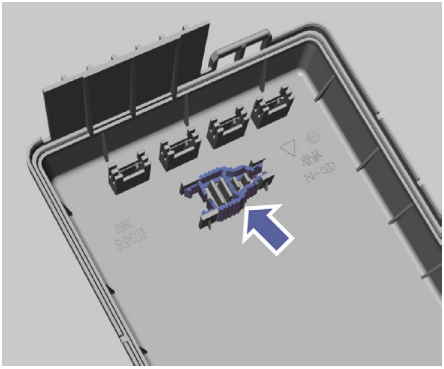
Place the spare tyre in the trunk with the inner side facing up, screw in the knob and tighten it completely. Put the jack and other tools back into the tool kit, then place the tool kit in the trunk and secure it properly.

Replacement of Fuse

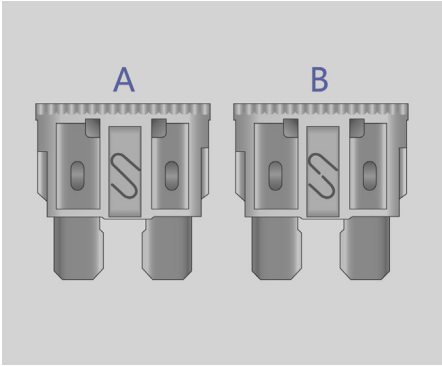
Inspection or Replacement of Fuse

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

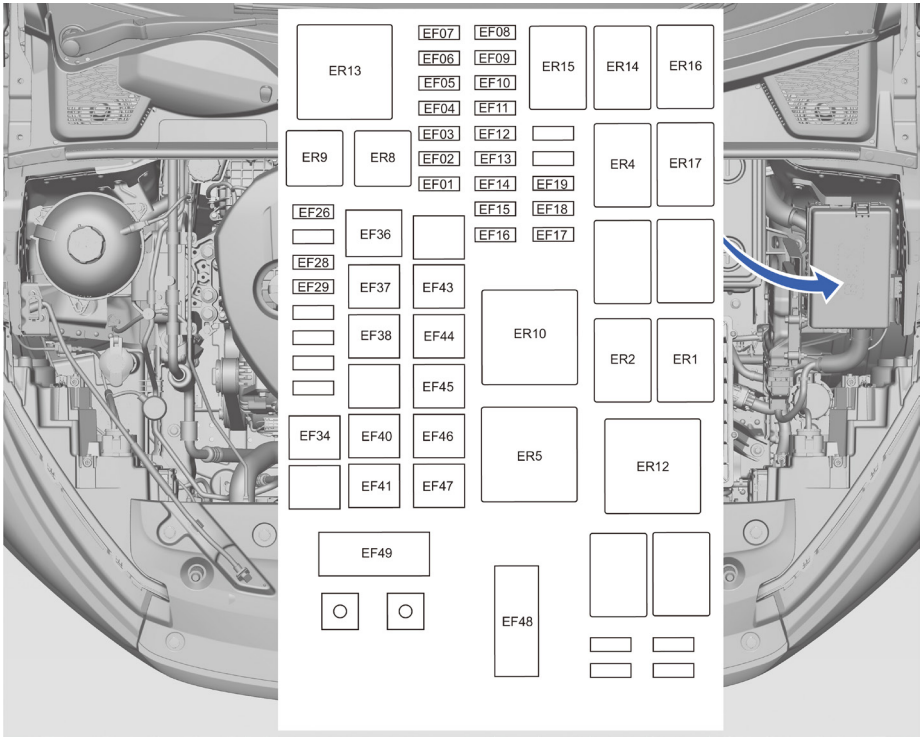
3. Replace with a new fuse with same amperage. If the replaced fuse is blown again immediately, contact an authorised PROTON service outlet for inspection as soon as possible.

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. ◀

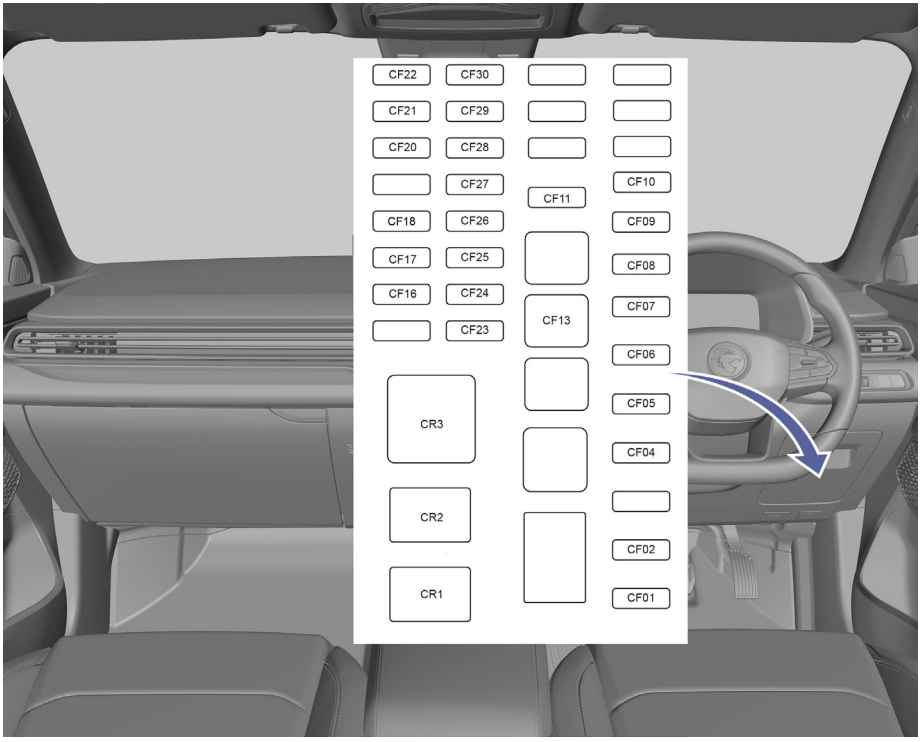
Fuse Box in Engine Compartment



Fuse No.	Name	Ampere value	Description
EF01	TCU Fuse	20 A	-
EF02	Brake Lamp Switch Fuse	5 A	-
EF03	EMS B+ Fuse	10 A	-
EF04	VPM Fuse	30 A	-
EF05	Fuel Pump Fuse	15 A	-
EF06	Exterior Lamp Power Supply Fuse 1	30 A	-
EF07	Horn Fuse	15 A	-
EF08	Engine Valve Sensor Fuse	15 A	-
EF09	Oxygen Sensor Fuse	10 A	-
EF10	Ignition Coil Fuse	15 A	IGN Relay
EF11	EMS KL87 Fuse	20 A	-
EF12	INJECTOR Fuse	15 A	-

Fuse No.	Name	Ampere value	Description
EF13	Relay Coil Fuse	5 A	-
EF14	Brake Lamp Switch Fuse	5 A	-
EF15	A/C ECV Fuse	10 A	-
EF16	Starting Feedback Fuse (Starter FB)*	5 A	-
EF17	Headlamp Adjustment Motor Fuse	5 A	-
EF18	ESC IG1 Fuse	5 A	-
EF19	EMS / TCU IG1 fuse	7.5 A	-
EF26	A/C Compressor Fuse	10 A	-
EF28	Front Wiper Fuse	30 A	-
EF30	Battery Sensor Fuse*	5 A	-
EF32	Front-row Seat Heating Fuse*	15 A	-
EF34	Rear Defroster Fuse	40 A	-
EF36	High-speed Fan Fuse	60 A	-
EF37	Window Fuse 1	30 A	-
EF38	Blower Fuse	40 A	-
EF39	Power Seat Fuse*	30 A	-
EF40	Low-speed Fan Fuse	40 A	-
EF41	Window Fuse 2	30 A	-
EF43	Fuse 1 for Interior Fuse Box	50 A	IP BOX
EF44	Starter Fuse	30 A	-
EF45	ESC Pump Fuse	40 A	-
EF46	ESC Motor Fuse	40 A	-
EF47	Fuse 2 for Interior Fuse Box	60 A	IP BOX
EF48	Electric Power Steering Fuse	80 A	EPS
EF49	Alternator Fuse	150 A	ALT

Interior Fuse Box



Fuse No.	Name	Ampere value	Description
CF01	Blind Spot Detection Fuse	5 A	BLIS
CF02	Exterior Lamp Power Supply Fues 2	30 A	-
CF04	Front Washer Fuse	15 A	-
CF05	Door Lock Motor Fuse	30 A	-
CF06	TCM / RFR fuse	10 A	-
CF07	Gateway Fuse	5 A	GW
CF08	OBD Fuse	10 A	-
CF09	Turn Signal Lamp Fuse	15 A	-
CF10	IBC B+ Fuse	20 A	-
CF11	Memory Fuse	30 A	EMS
CF13	Sunroof Fuse*	20 A	-
CF16	T-BOX / FLC B+ Fuse*	5 A	-
CF17	IPK (Meter) / IHU / A/C Fuse	7.5 A	-

Fuse No.	Name	Ampere value	Description
CF18	Audio System Fuse	15 A	-
CF20	IG2 fuse	5 A	-
CF21	Wireless Charging Fuse*	10 A	-
CF22	Electronic Gear Selector Fuse	5 A	EGSM
CF23	EGSM / EPS / TCM / EPB Switch IG1+ Fuse	7.5 A	-
CF24	Airbag Fuse	5 A	ACU
CF25	IPK / GW / RSRS / IBC IG1+ Fuse	7.5 A	-
CF26	IG1+ Fuse for Fuse Box in Engine Compartment	10 A	UEC
CF27	T-BOX / FLC fuse*	5 A	-
CF28	USB Slot Fuse	10 A	-
CF29	Power Outlet Fuse	15 A	-
CF30	Audio System / IBC / Rear-view Mirror Switch Fuse	7.5 A	-

Replacement of Bulb

Bulb Specifications*

Lamp Type	Lamp Function	Bulb Type	Rating
Front Combination Lamp	High Beam Lamp	H7	55 W
	Low Beam Lamp	HB3	60 W
Rear Combination Lamp	Rear Turn Signal Lamp	WY16W	16 W
	Reverse Lamp	W16W	16 W
	Left Trunk Lid Combination Lamp	W16W	16 W
	Right Trunk Lid Combination Lamp	W16W	16 W
Through Trunk Lid Lamp Assembly	Rear Trunk Lid Accessory Lamp	WY16W	16 W
Rear Fog Lamp	Rear Fog Lamp	P21W	21 W
License Plate Lamp	License Plate Lamp	W5W / LED	5 W / -
Trunk Room Lamp	Trunk Room Lamp	W5W	5 W

The other lamps not specified in the table is LED bulb which cannot be replaced by the user. If the LED bulb is abnormal or damaged, go to an authorised PROTON service outlet to replace it.

When replacing a bulb, usually it is necessary to remove some vehicle components. Thus, it is needed to have professional skills to carry out relevant operations. Please go to an authorised PROTON service outlet for replacement. ◀

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 or 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 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 turn off.
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

If the ignition switch cannot be turned off normally while driving, press and hold the ignition switch for 2 seconds, or press it repeatedly, to perform an emergency vehicle stop.

Do not use the emergency shutdown function while driving unless absolutely necessary, as it may result in loss of vehicle control. In an emergency, reduce vehicle speed as much as possible before performing the emergency shutdown procedure.◀

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 Window Glass

Clean the window glass using a suitable glass cleaner to maintain the appearance of the trim (bright strip).

Do not use cleaning agents containing n-heptane or butanone.

If the vehicle is frequently driven in windy or dusty conditions, use a damp sponge to regularly clean dust and dirt from around the door window glass seals and trim.

If the vehicle is parked or not used for an extended period, apply a small amount of fine talcum powder or a suitable rubber lubricant to the window seals to help maintain their condition.

Maintenance of Windshield Glass

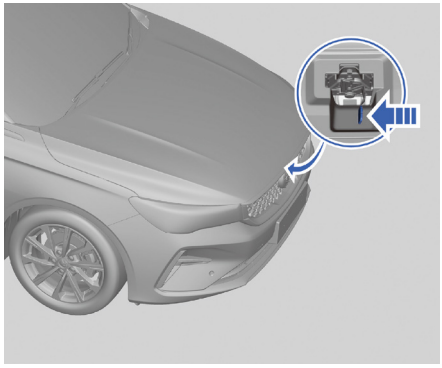
Clean windshield glass regularly with approved windshield glass washer fluid, and avoid using wiper blades to wipe sands on windshield glass so as to avoid scratch ot the glass and affecting wiping effect of wiper blades.

Opening and Closing the Engine Hood

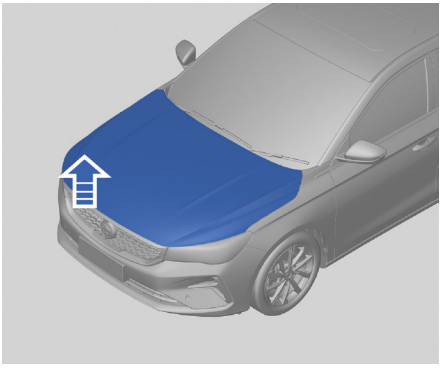
Opening the Engine Hood



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.

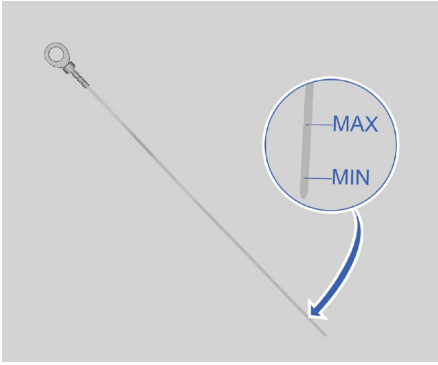
Do not drive the vehicle with the engine hood is not properly closed. ◀

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.



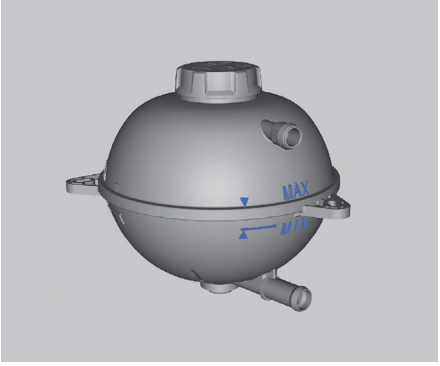
3. Pull out the oil dipstick again to check the engine oil level.
4. If the engine oil level is lower than the MIN mark, it is necessary to screw off the engine oil filler cap and refill engine oil to a level between the MIN and MAX marks on the engine oil dipstick.
5. Wait for several minutes and inspect 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.

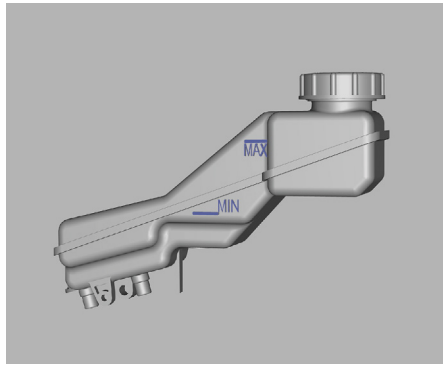
5. Observe the drop of the coolant in the coolant expansion tank and replenish the coolant in time. The coolant level in the coolant expansion tank should be kept between the MAX line and MIN line.
6. Observe the vent of the coolant expansion tank. When there is continuous coolant flowing out from the 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 from time to time. Make sure that the brake fluid level must remain between MAX and MIN marks.



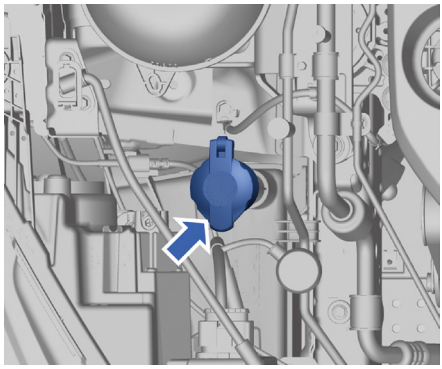
Check the brake fluid level regularly to ensure that the brake fluid level is between the MAX and MIN marks.

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

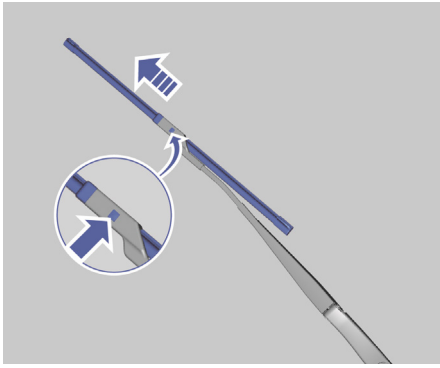
- Grease, silicon and petroleum products will weaken the wiping effect of wiper blades. Wash wiper blades in warm soap water and check their conditions regularly.
- Wash windshield glass frequently, and avoid using wiper blades to wipe sands on windshield glass so as to avoid affecting wiping effect 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 handle from the O position to inching wiper gear 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 handle to any position, and the wiper will return and exit the maintenance mode.

Replacement of Rear Windshield Wiper Blade*

1. If fitted, 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

Tyre Maintenance

Tyre inspection

When to Check Tyre

Inspect tyres including spare tyre at least once every month.

How to Check Tyres

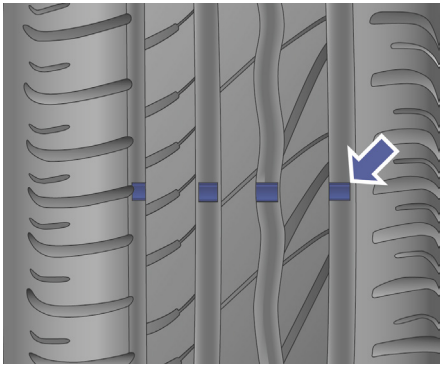
Use a high-quality compact tyre pressure gauge to check the tyre pressures. Inspect tyre inflation pressure when the tyre temperature is low. Remove the valve cap from the tyre valve core. Connect tyre pressure gauge to the valve and measure the pressure by force. If the cold tyre inflation pressure 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.

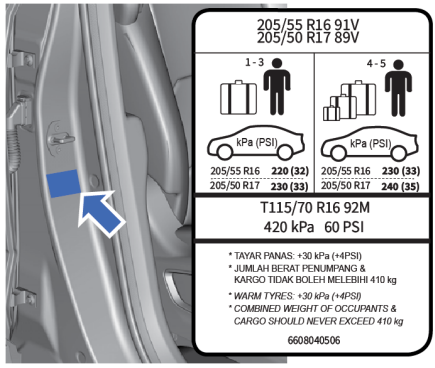
If the tyres with shallow tread patterns or exposed wear marks are used continuously, it will lead to extended braking distance, steering failure, tyre breakage, etc., which is easy to cause accidents. ◀

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 to ensure driving safety. ◀

Tyre Pressure

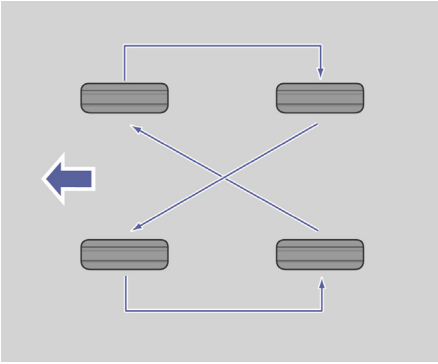


Tyre pressure labels are posted above the outside of the right center column of this vehicle. It indicates the front and rear tyre pressures and spare tyre pressure of the vehicle.

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 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.

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 depress 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 depress 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

Cleaning the Exterior

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 the Vehicle with 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.

Cleaning the Interior

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.

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.

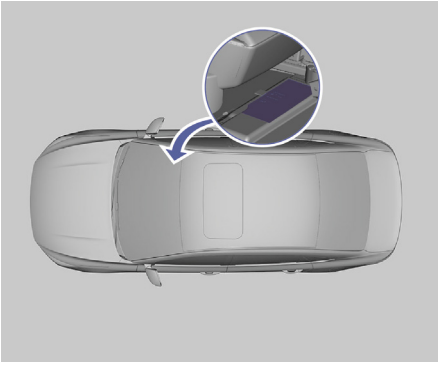
Some commercially available products may enhance the glossiness of instrument panel and thus produce annoying reflective light on windshield, which may affect permeability of windshield severely.



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. ◀

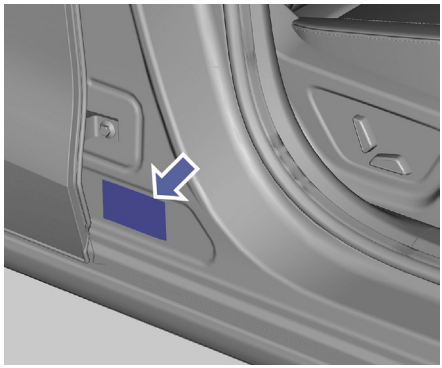
Reading VIN

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.

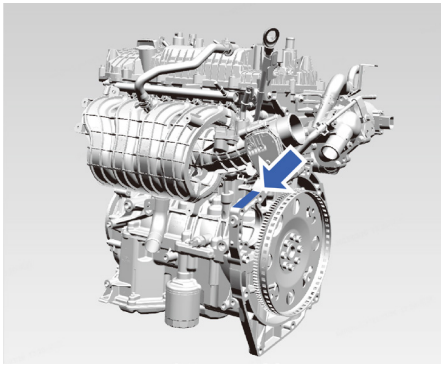
Reading of vehicle identification number (VIN) using the diagnostic instrument should be done by professional maintenance personnel from authorised PROTON service outlet. Otherwise, it may cause damage to the vehicle. ◀

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	Parameter
Drive Type	-	Front engine, front wheel drive layout
Seating Capacity	person	5

Dimension

Item	Unit	Parameter
Length	mm	4,600
Width	mm	1,809
Height	mm	1,466
Front Wheel Track	mm	1,532
Rear Wheel Track	mm	1,530
Wheel Base	mm	2,627

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
Kerb Weight		kg	1,269	1,281
Gross Vehicle Weight (GVW)		kg	1,683	1,695
Maximum Axle Load	Front	kg	894	901
	Rear	kg	793	798

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	186
Max. Gradeability	%	33
Accelerator Pedal Freeplay	mm	4
Brake Pedal Freeplay	mm	≤25

Emission Level

Item	Parameter
Emission	Euro 4

Engine

Item	Unit	i-GT 1.5 (1.5 B+ NA)
Engine type	-	1.5 L Naturally Aspirated Inline 4-Cylinder Petrol Engine (PFI)
Cylinder Bore x Stroke	mm × mm	73.4 × 88.57
Displacement	L	1.499
Maximum Net Power	kW	85
Rated Power Rev	r/min	5500
Maximum Torque	N·m	150
Maximum Torque Rev	r/min	2000 ~ 3500

Wheels and Tyres

Tyre Specification

Item	Type 1	Type 2
Tyre Size	205/55 R16	205/50 R17
Rim Size	16 × 6.5J	17 x 6.5J
Spare Tyre Size*	T115/70 R16	

Tyre Pressure (Cold Condition)

Item	Tyre Size	Unit	Half-load	Full-load
Front and Rear Tyre	Type 1	kPa	220	230
	Type 2	kPa	230	240
Spare Tyre	-	kPa	420	

- Half-load: 1 ~ 3 persons including baggage
- Full-load: 4 ~ 5 persons including baggage ◀

Recommended Fuel

Item	Specification	Volume
All countries except Thailand	Unleaded Gasoline RON92 & above	50L
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 (CVT18)	CVTF-WCF-01	Dry type filling : 7.2 L Wet type filling : 5.4 L
7DCT Transmission Fluid (EVO 300)	Shell Spirax High Performance Hybrid Dual Clutch Transmission Fluid	Dry type filling : 3.3 L Wet type filling : 2.7 L
Engine Coolant	Ethylene Glycol Type Coolant	6.9 L ± 0.5 L
Brake Fluid	DOT4	0.84 L ± 0.1 L
A/C Refrigerant	R134a	500 g ± 20 g

Electrical System

Battery and Spark Plug

Item		Parameter
12V Battery	Type	DIN55L
	Capacity	12V 60Ah
Spark Plug	Type	VH7RTI-1BH

SCAN QR CODE FOR MORE INFORMATION

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