

GEN-II AION V

User Manual

Foreword

Dear users,

Thank you for choosing a second-generation AION V - We value your trust in us.

We hope to bring you more driving fun with the best product and services.

Please read this manual thoroughly before driving to familiarize yourself with the functions and precautions of the vehicle.

When you are to resell this vehicle, please hand over this manual together with the vehicle to the new owner.

If you have any suggestions or comments to this manual, please call the GAC AION's customer service hotline.

Wish you a happy journey!

GAC Aion New Energy Automobile Co., Ltd.

September 2024

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Note: The model and illustration on the cover are for reference only. The actual vehicle shall prevail.

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Notices to users

Configurations and options

This manual covers all the standard and optional configurations currently available for this product series. Therefore, some of the configurations and features described herein are not available on your vehicle. For specific configuration information of your vehicle, please refer to related sales materials or consult GAC AION sales store when buying a vehicle.

Accessories, parts and modifications

Please use the genuine accessories and parts of GAC AION for replacement.

If accessories and parts not genuine to GAC AION are used for modification of the vehicle, we will refuse to provide warranty and bear any responsibilities and obligations arising therefrom. In addition, vehicle damage and performance degradation caused by the use of accessories and parts not genuine to GAC AION are not covered by the warranty.

Illegal modification of the vehicle is forbidden.

Scrapping of vehicle

Airbags and seat belt pretensioners contain explosive chemicals, and if they are not properly handled before vehicle scrapping, fire or other accident may occur. Always contact the GAC AION sales store or other qualified third party for dismantling and scrapping of the vehicle

OTA upgrade

The vehicle is equipped with Over-The-Air (OTA) update capability, which allows updating/optimizing certain features via OTA upgrades.
OTA upgrade access

◇ Go to the "Apps & Services" interface, tap on the OTA application to enter the the upgrade details page. If updates are available, select "Upgrade Now" or "Schedule Upgrade" to perform the OTA upgrade.

OTA upgrade notifications

◇ OTA upgrade icon on interface

- When an update for upgrade is available, a styled notification icon  will appear in the system settings.

◇ Automatic pop-up notification

- When an update for upgrade is available, a pop-up will notify you of the upgradable version.

Enter OTA upgrade

◇ Tap "Upgrade Now" to start the immediate upgrade process. This will lead to a 90-second countdown on the pre-upgrade preparation page. If all conditions are met when the countdown ends, the upgrade installation will begin. If the upgrade conditions are not met, relevant prompts will be provided. You can follow the instructions to meet the upgrade conditions and retry.

◇ Tap "Schedule Upgrade" to set a scheduled upgrade time. Follow the prompts on the central console display to complete the scheduled upgrade setup. When the scheduled time is reached and the upgrade conditions are met, the upgrade process will begin automatically.

OTA upgrade results

◇ If the upgrade is successful, a notification will appear indicating success. You can tap to view the version information and update details. If the upgrade fails, please contact after-sales support.

NOTE

- During pre-upgrade preparation, follow the on-screen guidance to ensure the vehicle meets the upgrade conditions, such as exiting and locking the vehicle.
- Please be patient during the upgrade process and do not use the vehicle until the upgrade is complete. During the upgrade, vehicle functions will be temporarily unavailable.
- To ensure safety, do not forcibly drive the vehicle or disconnect the battery during the upgrade process.
- To ensure vehicle safety, if the upgrade fails, the software will revert to the previous version.
- If you encounter any issues related to the upgrade, it is recommended to contact a GAC AION sales store.

Time-based effectiveness of the Manual

Due to continuous improvement and upgrade of vehicle, this manual may be updated irregularly without notice.

The screenshots of App, panels, and the center console display interfaces contained in this manual are only applicable to the current version, and the display or process may change due to software update in the future.

How to read this manual

Fast lookup

This manual is divided into several chapters in a logical way, and in order to help you find the desired information quickly, a navigation column is provided on the right margin of the odd page.

And, the "Table of Contents" which is edited in the sequence of chapters and the alphabetical index at the end of this Manual can also help you quickly find the desired information.

Symbols in the Manual

Symbol	Meaning
*	It is only applicable to some models or to some optional parts/features of some models.
	DANGER: Text with this symbol contains information about a high risk which, if ignored, will cause serious injury or even death.
	WARNING: Text with this symbol contains information about a medium risk which, if ignored, is likely to cause serious injury or even death.
	CAUTION: Text with this symbol contains information about a low risk which, if ignored, is possible to cause vehicle damage.
	NOTE: Text with this symbol contains additional useful information.
	Environment: Text with this symbol contains information on environmental protection.

Illustrations in the Manual

The illustrations in this manual are for reference only.

Unless otherwise specified, the directions of the vehicle (front, rear, left and right) referred to in this manual are based on the traveling direction of the vehicle.

AION APP

The AION App is an official platform that provides the owner with professional skills and knowledge to use the vehicle and convenient remote vehicle control services.

You can access convenient functions, such as vehicle condition inquiry, vehicle setting, and vehicle sharing through the AION App.

Please search "AION" in "App Market" to download and install it.

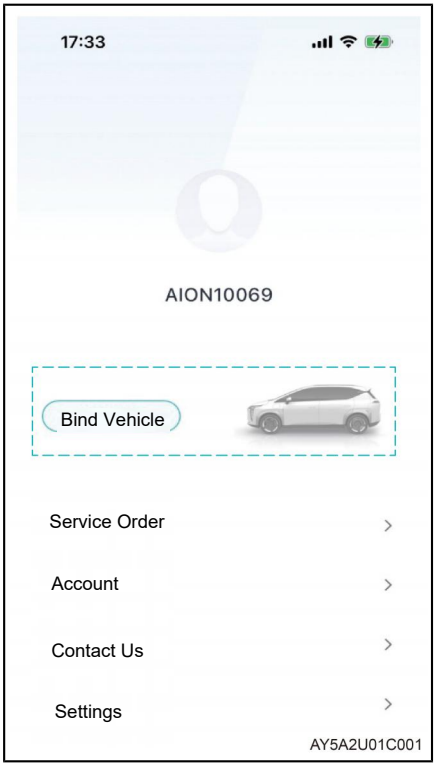
NOTE

- The AION App screens involved in the Manual are only applicable to the current version. In case of screen or procedure changes due to such reasons as software version updates, the latest screens will prevail.
- The AION App-based functions are associated with your vehicle configurations. Some functions may not be available to your vehicle. The specific functions will be subject to your vehicle configurations.

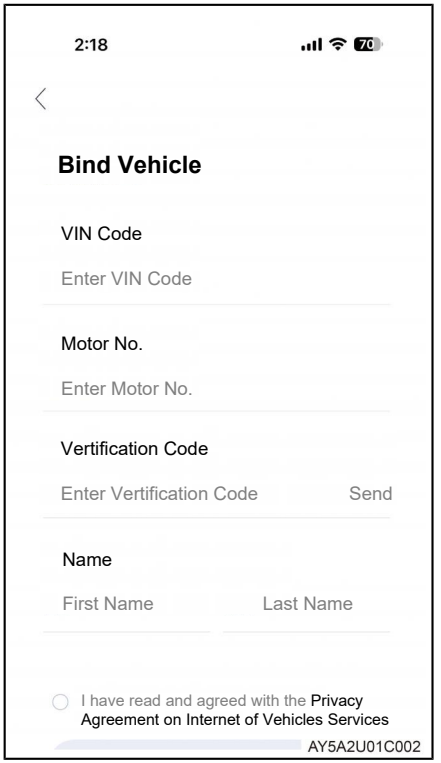
Binding of vehicle

In order to active your account of the AION App and bind your vehicle, please observe the followings:

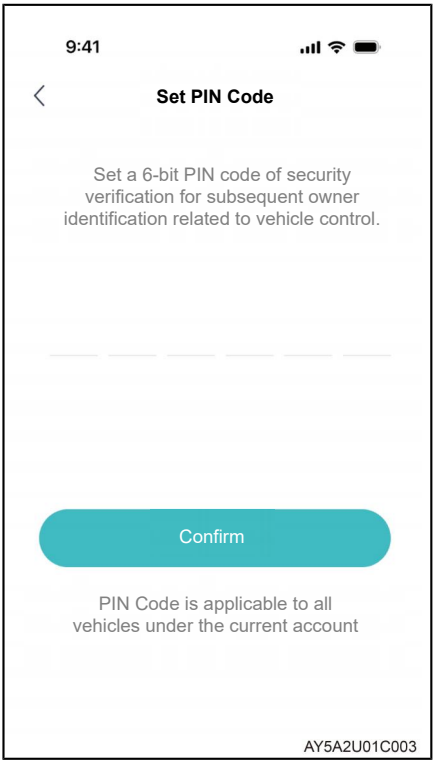
1. Download and install the AION App.



2. Tap "Bind Vehicle", after registering on the AION App, to go to the Owner Identification interface.



3. Fill in the relevant information such as VIN Code and Motor No. on the Owner Identification screen. Tap Submit for identification after completing all identification information and agreeing with the agreement.

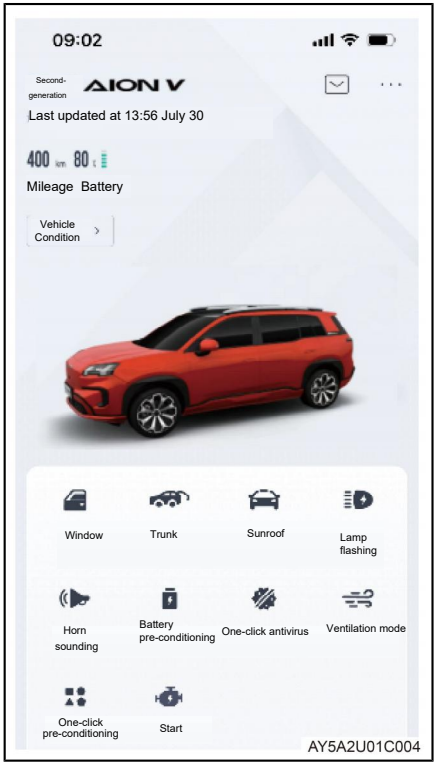


4. You need to set a PIN code of security verification for subsequent owner identification related to vehicle control. (If the current AION App account has already been bound to a vehicle, this step will be skipped.)

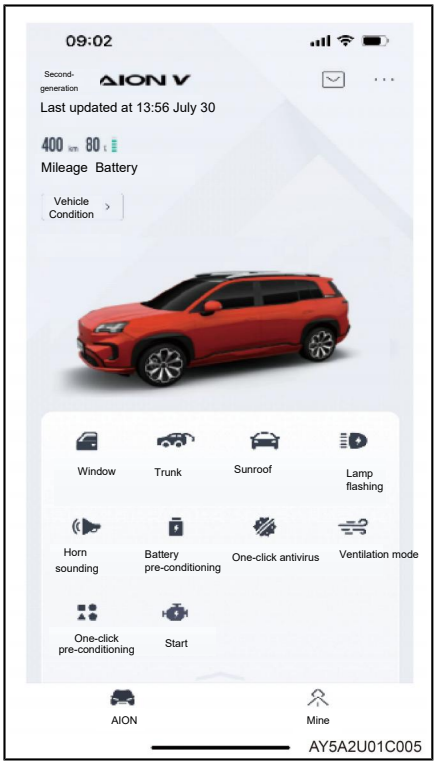
NOTE

- PIN Code, once set, is applicable to all vehicles bound to the current account. The owner does not need to set PIN Code again during subsequent use of the current account.
- Upon vehicle binding, the AION App will display vehicle control items according to the model and configurations.

Vehicle control



1. Control the vehicle remotely on the Vehicle Control screen, upon vehicle binding.



2. Tap the corresponding control button as needed. Set your options (e.g. unlock/lock the vehicle and adjust the A/C temperature) according to pop-up prompts.

NOTE

- The functions displayed on the Vehicle Control module will be subject to the actual vehicle, due to differences in models and configurations.



3. The page for entering PIN Code will pop up, upon setting. Enter PIN Code, and your required vehicle control operation will be executed.

Remote settings

You can remotely set some vehicle functions through the AION App before driving, after binding your vehicle. Open the AION App and enter the Remove Vehicle Control interface to remotely turn on the A/C, unlock/lock the vehicle, and open the windows.

NOTE

- The AION App will be optimized and updated continuously. For better experience, please update the AION App to the latest version.

Pre-drive check

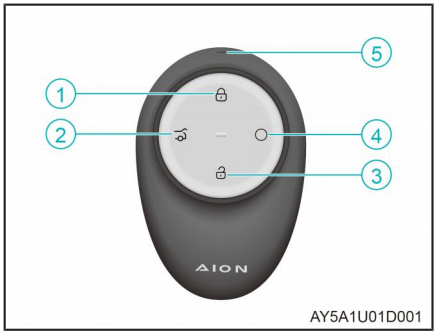
Before driving, it is recommended to check the following:

- ◇ Tires
- ◇ Lamps
- ◇ Rearview mirrors
- ◇ Obstacles around the vehicle
- ◇ Fluid leakage at the bottom of vehicle
- ◇ Activated alarm or alert

Smart key

The smart key is a physical key, which can realize common functions including locking/unlocking and vehicle startup.

Introduction to buttons on smart key



① Locking button
② Liftgate unlocking button
③ Unlocking button
④ Remote power-on A/C opening button
⑤ Indicator lamp

CAUTION

- Never expose the smart key to direct sunlight, high temperature or high humidity for a long time.
- Prevent the smart key from dropping from height.
- Neither wet the smart key, nor wash it in the ultrasonic cleaning machine.
- Do not disassemble the smart key without authorization.
- To avoid scratch, do not put the smart key and sharp objects together.
- When taking a plane with a smart key, never press any button on it, otherwise, it will cause interference to the flying of plane.

CAUTION (Cont'd)

- Do not place the smart key near an object that can produce a magnetic field, such as TV set, AV unit, induction cooker or electronic medical device.
- Do not place a heavy object on the smart key, otherwise its buttons might be touched by mistake to remotely roll up or down the windows.
- Do not leave the smart key on the car roof when getting off the vehicle.
- If the smart key is lost, the vehicle will be at risk of theft. In this case, immediately go to the GAC AION sales store for treatment.

NOTE

- The smart key will not work after the vehicle enters the driving ready status.
- Some functions of the smart key may become unstable or fail under the following situations:
  - when the battery of smart key runs out.
  - when the smart key is operated in or near TV tower, charging station, power plant, airport and other places involving radio waves.
  - when the user carries the portable radio, mobile phone or other wireless communication devices.
  - when the smart key is in contact with or approaches metal or magnetic materials.
  - when there is an accessory item that can cut off electromagnetic waves, such as metal seal.
  - when there are other smart keys in use nearby.

NOTE (Cont'd)

- As time goes, the battery of smart key may run out if any one of the following situations occurs. :
  - The remote control function of smart key fails.
  - The effective operation range of the smart key becomes smaller.
  - The indicator lamp on the smart key is off.
    If this occurs, please replace the battery.
- The battery of smart key will run out if it is not used for a long time, and if this occurs, please get the battery replaced in the GAC AION sales store.

Locating of vehicle

You can roughly locate your vehicle through the AION App, if you forget where you parked it. Then, please use the AION App for lamp flashing and horning or use the vehicle locating function of the smart key for audible and visible alarms, when you are in the vicinity of your vehicle.

Locate the vehicle through the App

View the parking location through the AION App.

Vehicle locating via the smart key

After you are in the vicinity of vehicle, press the locking button on the smart key 2 times quickly, and after this, the vehicle will give audible and visible alarms to remind you of the location of the vehicle.

Unlocking outside the vehicle

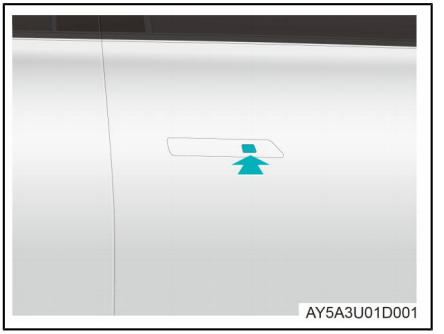
Unlocking by smart key button

With the vehicle locked, press the unlocking button once within the effective range of the smart key to unlock the vehicle.

Intelligent active unlocking

When the intelligent active unlocking function is switched on in the center console display and you walk to the locked vehicle with smart key in hand, the vehicle will be automatically unlocked.

Unlock the vehicle with the micro switch



When the vehicle is locked, carrying the smart key and pressing the micro switch will unlock the vehicle.

Unlock the vehicle through the App

You can unlock your vehicle on the Vehicle Control interface, after your vehicle is bound to the AION App.

NOTE

- The horn alarm for vehicle locking/unlocking can be switched on/off in the center console display.
- If no operation is made within a certain period after the vehicle is unlocked, the door will lock automatically.
- Remote vehicle control is subject to the network environment, and it may not work. Never lock your smart key in your vehicle through the remote vehicle control function.

Opening the liftgate

Open the liftgate with the smart key

Within the effective range of the smart key, press and hold the key button to open the liftgate.

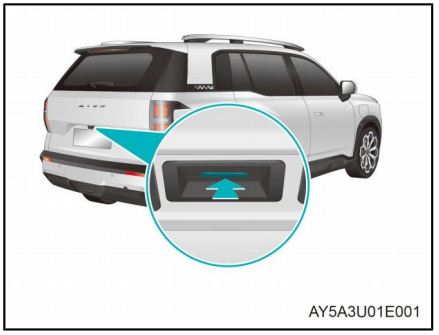
Automatic liftgate opening via sensor

After enabling the sensor-based liftgate opening feature through the central console display, and with all doors closed, carry the smart key into the sensor activation area near the liftgate. After a short delay, the liftgate will open automatically.

NOTE:

- Sensing opening of liftgate can be set to Close, Only Open, or Prompt Tone, through the center console display.

Unlocking liftgate by micro switch



NOTE

- The electric liftgate can be opened via the center console display.

NOTE (Cont'd)

- The electric liftgate can be opened via speech.
- The electric liftgate can be opened via the AION App.

Setting of the liftgate memory position

When the liftgate is opened to more than half of the height, a memory position can be set. After the setting is successful, the liftgate can only be opened to the set height next time it is electrically opened.

◇ How to set the liftgate memory position

– Method 1: Open the liftgate and stop it at an appropriate position. Then, long press the OFF button of the liftgate.

– Method 2: Open the liftgate and stop it at an appropriate position. Then, tap "Remember Current Position" on the center console display.

◇ After the memory position is set, the buzzer beeps 2 times intermittently and the liftgate will give light reminders.

◇ How to cancel the liftgate memory position

– Method 1: The liftgate opens to the memory position, and you push it to a position higher than the memory position. The liftgate will give light reminders, and the memory position will be canceled.

– Method 2: Tap "Clear Memory Positions" on the center console display after the liftgate opens.

DANGER

- Check that the liftgate is properly closed before driving. Otherwise, the liftgate may open accidentally and knock into the objects nearby, or the objects in the trunk may be thrown out, causing an accident thereafter.
- Prevent the children from playing in the trunk. Otherwise, they may be locked in the trunk by accident and suffer heatstroke, suffocation or other injuries thereafter.
- Prevent the children from operating the liftgate. Otherwise, the liftgate may be opened unexpectedly, or the children may be pinched by the closing liftgate.
- Do not take a ride in the trunk, otherwise serious injury or even death may be caused in the event of emergency braking or collision.

WARNING

- Before opening or closing the liftgate, please thoroughly check the surrounding area for the sake of safety.
- Remove all loads such as snow and ice on the liftgate before opening the liftgate. Otherwise, your body may be injured by the suddenly opened liftgate.
- Before accessing to the trunk, check that the liftgate is fully opened and secured. Otherwise, your body may be injured by the suddenly closed liftgate.
- Do not install any accessories on the liftgate. Otherwise, they will exert extra weight on the liftgate, causing unexpected closing of liftgate after opening and thereafter personal injury.
- Place loads evenly in the trunk and as near as possible to the rear seat back.
- Secure all loads in the trunk.
- Never load the trunk in such a way that the allowed axle load is exceeded.
- Never place fragile, flammable and explosive articles in the trunk.
- Ensure that container of fluids placed in the trunk will not leak.
- Be careful not to get your fingers or other body parts pinched when closing the liftgate.

CAUTION

- If the electric liftgate cannot be opened or closed electrically, please do so manually and slowly. Do not do so by brute force, otherwise the electric liftgate may be damaged or become malfunctional.
- Prevent the liftgate from scratching loads in the trunk when closing the liftgate, otherwise, the liftgate or concerning load may be damaged.
- Avoid friction between hard objects and the heating elements on the rear windshield, otherwise the heating elements may be damaged.
- Fill the trunk in a reasonable way, and if it is overfilled, do not close the liftgate forcibly, otherwise, the liftgate or loads in it may be damaged.

NOTE

- The trunk lamp will come on for illumination when the liftgate is opened. If the liftgate is closed, the trunk lamp will go out automatically.
- If the liftgate is not completely closed, the trunk lamp may stay on.
- The liftgate current position will be lost and the electric function will be disabled, if the negative terminal of the battery is disconnected when the electric liftgate is not fully closed. It can be electrically closed. All electric functions will return to normal, after the liftgate is fully closed.
- The liftgate has an anti-pinch function:
  - The liftgate will stop closing and be electrically opened to the maximum position, if an obstacle prevents the liftgate from being closed electrically.
  - The liftgate will stop opening, be electrically closed for a distance, and then stop, if an obstacle prevents the liftgate from being opened electrically.
  - If the anti-pinch function is triggered three times in a row, the electric liftgate function will be disabled. The electric function will return to normal, after the liftgate is manually closed.

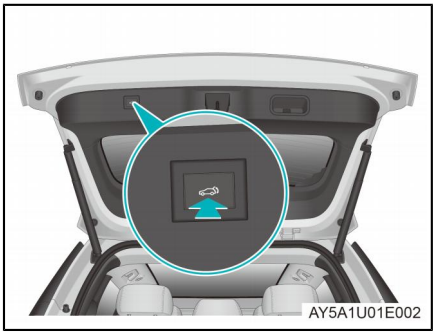
Closing of liftgate

Electrically close the liftgate

◇ Close the liftgate with the smart key

– When the liftgate is opened and the vehicle is not started, long press the button on the smart key within its effective range, and the liftgate will close automatically.

◇ Close the liftgate with the liftgate button



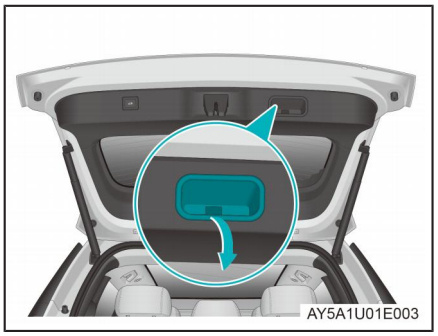
– When the liftgate is opened, press the liftgate closing button, and the liftgate will close automatically.

NOTE

- The electric liftgate can be closed via the center console display.
- The electric liftgate can be closed via speech.
- The electric liftgate can be closed via the AION App.

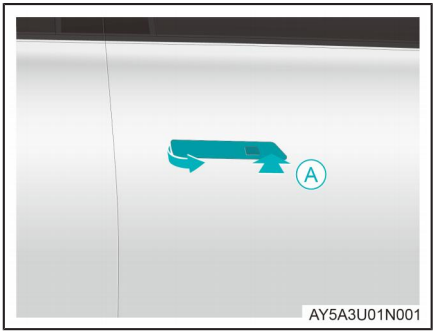
Manually close the liftgate

The manual closing method of the liftgate is as follows:



1. Pull the liftgate closing handle to lower the liftgate appropriately.
2. Press the liftgate from the outside until the liftgate is locked securely.

Door opening from outside



1. Unlock the vehicle, and push the front side of the handle (arrow A) to turn the other side up.
2. Pull the handle to open the door.

NOTE

- If a door is frozen, you can hit it to remove the ice. But do not hit it too hard, otherwise the handle might be dented.

Interior lighting

Intelligent ambient light (IAL)

If the IAL function is switched on in the center console display, the interior ambient light will come on after the ignition switch is set to ON, providing for driver a slightly bright and comfortable driving environment, alleviating driving fatigue and enhancing driving experience.
You can also set the ambient light brightness, enable and disable Adaptive Music Mode, enable and disable Driving-sensitive Mode, and choose the ambient light color on the center console display.

NOTE

- The ambient light will turn off automatically, if Rest Mode is enabled. The ambient light will recover, after Rest Mode is disabled. The ambient light can be turned on again on the center console display under the Rest Mode.

◇ Adaptive Music Mode of the ambient light

– The ambient light will automatically change colors and brightness along with the music, after Adaptive Music Mode is enabled.

NOTE

- Adaptive Music Mode is only available to the audio sources of USB music, Bluetooth music, and online music (excluding online radio).

◇ Drive mode following mode of ambient light

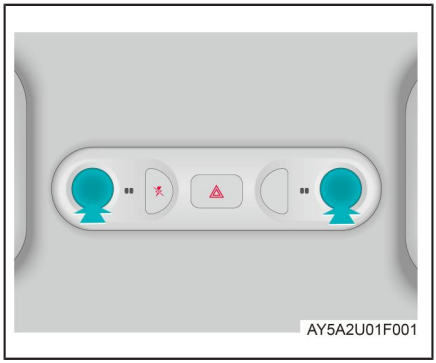
- When the drive mode following mode is activated, the ambient light will automatically switch colors following the drive modes.

Reading lamp

Automatic on/off of reading lamp

◇ After the function to automatically turn on the reading lamp is enalbed on the center console display, the reading lamp will be turned on/off automatically according to the status of door and vehicle power supply.

Manually on/off of reading lamp



◇ Press a front reading lamp to turn on/off the front reading lamp of concerning side.



◇ When you press the rear reading lamp switch on both sides, the rear reading lamp of concerning side will be turned on/off.

Introduction to seat belt

Seat belt is a main safety protection device, which can effectively reduce personal injury in an accident when being used together with the airbag. Therefore, be sure to fasten the seat belt before driving.

WARNING

- Each seat belt is for one person only. Do not share a seat belt with other persons (including children).
- Seat belts are only suitable for passengers with an adult body type
- Passengers in rear seat are also required to fasten the seat belt properly; otherwise, they may be thrown out when an accident occurs, and then they will be injured seriously and even cause serious personal injury to other passengers and the driver.
- Put the child in a rear seat, and use a suitable child restraint system.
- Take the correct sitting posture, so as to ensure that the seat belt will play to its full for safety protection in case of emergency braking or accident.
- Do not use a faulty seat belt until it is repaired.
- Never install, remove, modify, disassemble or dispose of a seat belt without authorization.

CAUTION

- Prevent the seat belt and its tongue from being pinched by the door, otherwise, the seat belt may be damaged.
- Check the seat belts regularly.

CAUTION (Cont'd)

- If the seat belt assembly does not work properly, it is recommended to contact GAC AION sales store for inspection and repair or replacement immediately.
- Always replace the seat belt system (including its bolts) if it is used during an serious collision accident, even through no obvious damage is found.

Correct sitting posture

Correct sitting posture of the driver



1. Adjust the seat position so that the pedal is easily accessible and the elbow is slightly bent when you hold the steering wheel.
2. Adjust the seat back so that you can operate the steering wheel when you sit up straight without leaning forward.
3. Adjust the headrest so that the center of the headrest is flush with the upper end of ears of the driver.
4. Fasten the seat belt correctly.

Correct sitting posture of the passengers

1. Adjust the position of front passenger's seat to keep an appropriate distance from the instrument panel.
2. Adjust the front passenger's seat back so that your back is straight up and fits the seat back closely.
3. Adjust the headrest of the passenger to ensure that the center of the headrest is flush with the upper end of the passenger's ears.
4. Fasten the seat belt correctly.

WARNING

- During driving, maintain a correct sitting posture, and keep your back fitting the seat back closely, otherwise serious injury may occur in case of emergency braking or accident.
- The driver should keep a proper distance from the steering wheel.
- Do not place a back cushion on the seat.

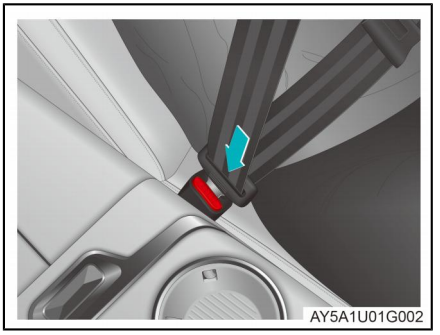
NOTE

- The driver's seat can be adjusted longitudinally by 270 mm, and the standard longitudinal seat position is 60 mm in front of the rearmost position. The seat back can be adjusted forward by 20˚ and backward by 66˚ from the standard position of 25˚. The driver's seat can be adjusted vertically by 60 mm, and the standard vertical seat position is 20 mm above the lowest position.
- The front passenger's seat can be adjusted longitudinally by 270 mm, and the standard longitudinal seat position is 60 mm in front of the rearmost position. The seat back can be adjusted forward by 20˚ and backward by 66˚ from the standard position of 25˚.

Correct use of seat belts

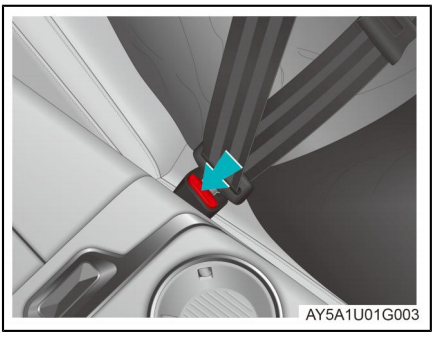
Fastening the seat belt correctly

1. Adjust the sitting posture correctly.



2. Gently pull out the seat belt, route it across the chest and hip, and insert the tongue into the buckle until you hear and feel the latch engage.
3. Pull the seat belt in the opposite direction, confirming that the seat belt is locked securely.
4. Adjust the position of the seat belt.
   - Always route the shoulder belt over your shoulder. The belt should be away from your neck, but not falling off your shoulder.
   - The lap belt should be worn low across the pelvis.

Unfastening the seat belt



1. Hold the seat belt and press the red button next to the seat belt buckle, so the tongue will spring up automatically.
2. Slowly retract the seat belt back into the retractor.

DANGER

- Do not place the shoulder belt under the arm.
- The lap belt should be worn as low as possible across the pelvis, and if it is worn too high or is not properly tensioned, the occupant may suffer personal injury or even death due to body movement in the event of collision or other accident.

WARNING

- Never unfasten the seat belt when the vehicle is running or before the vehicle comes to a complete stop.
- After the tongue springs up, guide the seat back to retract slowly with hand, so as to prevent personal injury due to quick retraction of seat belt.
- For patients and disabled persons, please follow the doctor's advice, and be sure to wear the seat belt.

WARNING (Cont'd)

- Do not place any item between the body and the seat belt.

CAUTION

- If the seat belt cannot be retracted smoothly, check it for twist or deflection. If the seat belt assembly does not work properly, it is recommended to contact GAC AION sales store for inspection and repair or replacement immediately.

How does a pregnant woman correctly fasten the seat belt?

For pregnant women, wearing a seat belt correctly can effectively reduce the injuries suffered by her and her fetus in case of collision or sudden stop.

The shoulder belt should be worn across the shoulder, and the lap belt should be worn low across the pelvis and away from the abdominal area. The seat belt must be worn smoothly, without exerting stress to the lower body of pregnant women.

DANGER

- The pregnant occupant should consult her physician to fasten the seat belt correctly.
- Be sure to wear the seat belt correctly, otherwise the pregnant woman and her fetus will be seriously injured or killed in case of emergency braking or collision.

WARNING

- Do not place any item between the body and the seat belt.

Seat belt pretensioner

In the event of a collision, the seat belt pretensioner will quickly tighten the seat belt to reduce the inertia movement of the driver and passengers, thereby minimizing the impact force experienced by the driver and passengers.

WARNING

- The seatbelt pretensioner can only be used once.
- Before scrapping the vehicle, be sure to contact a GAC AION sales store or another qualified third party to remove and dispose of the seat belt pretensioner.

NOTE

- In the event of minor frontal collisions, side collisions, rear collisions, rollovers, or accidents without significant frontal impact force, the seat belt pretensioner may not activate.
- When the seat belt pretensioner is activated, it may produce a small amount of smoke, which is normal.

Seat belt reminder

After starting the vehicle, if the driver or passengers have not fastened their seat belts, the indicator lamp on the dashboard will flash or remain on, and the corresponding icon on the vehicle status display will light up.

NOTE

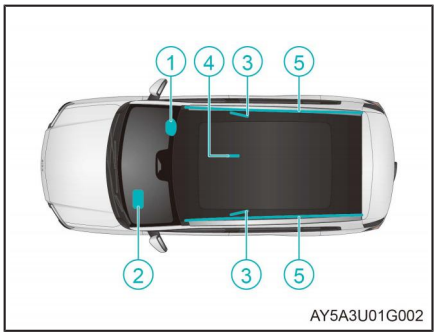
- If the vehicle reaches a certain speed and the driver and passengers have still not fastened their seatbelts, the buzzer will sound, and a text reminder will appear on the dashboard.

Introduction to airbag

In the event of a serious collision, the airbag will inflate and deploy quickly to reduce the risk of serious injury to the passenger inside the vehicle together with the seat belt.

Layout of airbags

The supplemental restraint system (SRS) consists of the driver's airbag (in the steering wheel trim cover), the front passenger's airbag (in the instrument panel in front of the front passenger), side airbags (in the front seats), the front center airbag (in the driver's seat), and side curtain airbags (in the left and right roofs). The corresponding positions are identified with the "AIRBAG" marking to indicate the installation of an airbag.



① Driver's airbag
② Front passenger's airbag
③ Front side airbag
④ Front center airbag
⑤ Side curtain airbag

DANGER

- The driver and all passengers in the vehicle must fasten the seat belt correctly.
- The airbag will produce a great impact force during deployment, and will cause serious personal injury or even death when the passenger is sat too close to the airbag.
- The infants and babies may be seriously injured or even killed by the deployed airbag if not properly protected. When the baby is too small to use the seat belt, it is required to apply an appropriate child restraint system for protection.
- Do not place, install or paste any objects on the instrument panel, steering wheel, or other places where the airbag is installed. Otherwise, those objects will be ejected when the driver's airbag or front passenger's airbag deploys, causing serious injury or even death.
- Never use seat accessories that will cover the front side airbags and the front center airbag (if equipped); otherwise, such accessories may hinder their deployment, causing system failure or unexpected deployment, and thereafter serious injury or even death of passengers.
- Never install or paste any object on windshield, door window, side pillar, roof, etc.
- Do not attach coat hanger or other hard objects to the roof or safety handrail. Otherwise, they will be ejected when the side curtain airbag deploys, causing serious injury or even death of passengers.
- Never install, remove, modify, disassemble or dispose of the SRS without authorization.

DANGER (Cont'd)

- Before scrapping the vehicle, it is recommended to contact the GAC AION sales store or other qualified third party for dismantling and scrapping of the airbag.

WARNING

- Maintain a correct sitting posture and fasten the seat belt properly when the vehicle is traveling.
- Adjust the front seat to such a position that it is enough far away the instrument panel or steering wheel, and adjust the seat back straight up as much as possible.
- Never allow a child to take the front passenger's seat.
- Do not sit on the edge of the seat or lean on the instrument panel.
- Do not lean on the door and side pillar.
- Never place any object on the leg when the vehicle is traveling.
- Ask passengers not to kneel on the seat towards the door or stretch any body part out of the vehicle.
- Immediately after the airbag is deployed, do not touch any related parts for fear of scalding.
- If you feel breathless after the airbag is deployed, open the door or window for ventilation, and leave the vehicle provided the safety is ensured, and rinse away the residues on the body.
- The airbag is designed for deployment by one time only, and if it is deployed, always replace it with a new one.

CAUTION

- Neither hit nor exert a great force to the area where the airbag component is located or the front door, otherwise it may cause failure or unexpected deployment of airbag.
- Check the SRS regularly. If any of the following conditions occur, it is recommended to contact GAC AION sales store for inspection and repair or replacement of SRS as soon as possible:
  - when any airbag is deployed.
  - when the front part of the vehicle, the door or the area around the door is damaged or deformed, or the vehicle incurs an accident that is not sufficient to deploy the airbag.
  - when the airbag is scratched, cracked or otherwise damaged.

NOTE

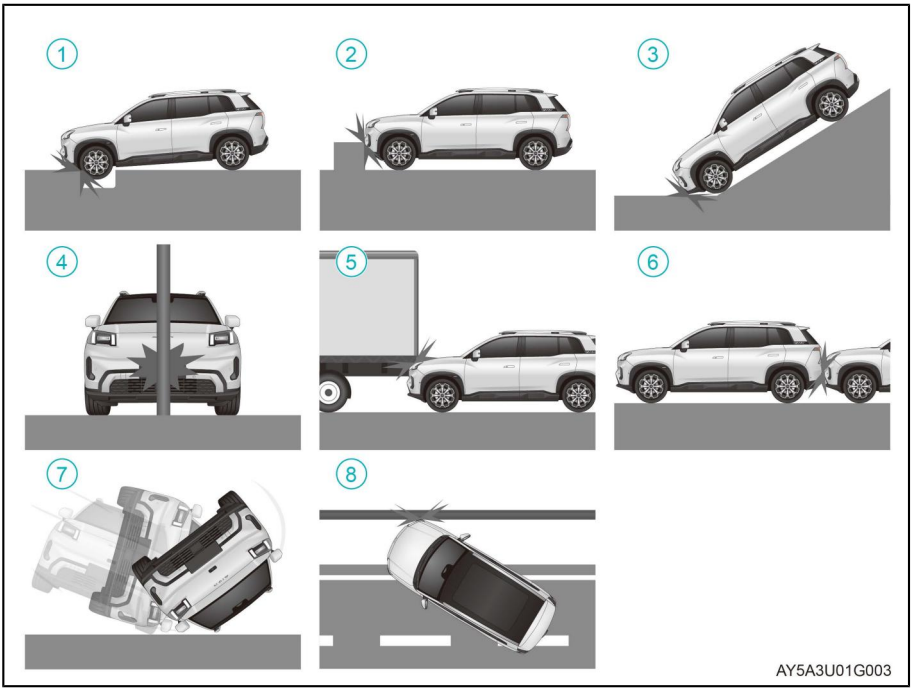
- The driver is required to keep a distance of about 25 cm from the driver's airbag. If the distance is less than 25 cm after sitting, please adjust the seat position. Ensure that the driver's seat is such adjusted that the brake pedal, steering wheel and control switches are easily accessible to ensure effective control.
- When the vehicle is resold, keep the new owner informed of the arrangement and replacement record of airbags on the vehicle.

SRS warning lamp

After the vehicle is started, the SRS warning lamp  will be on for several seconds, and then go out when no problem is found after self-test. If the warning lamp does not go out after self-test, or goes on again during driving, it indicates that the SRS is faulty, and in this case, please contact the GAC AION sales store for inspection and repair or replacement.

Airbag deployment

The deployment of airbag depends on the vehicle speed, collision angle, accident type, obstacle and other factors at the time of collision.



The airbag may deploy under the following situations:

① Nose-down to the ground when the vehicle crosses a deep groove.
② Hitting a roadside protrusion, curb, etc.
③ Nose-down to the ground when the vehicle runs down a steep slope.

The airbag may not deploy under the following situations:

④ A collision with concrete pillars, trees or other elongated objects.
⑤ A rear-end collision with lower end of a truck.
⑥ A rear-end collision by another vehicle.
⑦ A rollover.
⑧ A collision with a wall or another vehicle, other than frontal collision.

NOTE

◆ When the airbag deploys:

- The deployment (inflation) speed is very high, which may cause minor scratch, scalding or other injury.
- It will produce large noise and a small amount of smoke.
- The airbag and the area around it will be very hot.
- The windshield may be broken.
- The vehicle will automatically cut off the high-voltage power supply.
- The hazard warning lamp will be turned on automatically.

Notices for children



Please follow the warning label on the sun visor: Do not install a child restraint system on the front passenger's seat.

DANGER

- Do not place a rear-facing child seat on the seat with frontal airbag. Otherwise, the child may be seriously injured or even killed by the impact force produced by sudden inflation of front passenger's airbag when an accident occurs.
- Always install the child seat in strict accordance with the installation instructions provided by the manufacturer of the child restraint system. Otherwise, the child may be seriously injured or even killed in case of emergency braking, emergency steering or accidents.
- It is not recommended to hold the child for protection, because the child may bump into the windshield or be crushed in the event of an accident.
- Never leave the child alone in the vehicle, and ask the child not to use the smart key.

DANGER (Cont'd)

- Do not allow the child to lean on the airbag deployment area such as door and side pillar even if he/she is well protected in the child seat. Otherwise, the child may be seriously injured or even killed by the impact force produced by airbag deployment.
- The installation of a child seat on a rear seat may affect the use of seat belt of adjacent seat.
- Prevent the child from playing with the seat belt. Otherwise, when the seat belt is entangled around the child's neck, suffocation, or other serious injury and even death may be caused. If this happens and the seat belt cannot be unbuckled, it is recommended to cut the seat belt with a pair of scissors.

WARNING

- Please choose a child seat suitable for the age, height and weight of the child.
- Before driving, please apply the child safety lock and lock the window of concerning side, so as to prevent the child from opening the door or door window unexpectedly.
- To install the child seat on a rear seat, please adjust the front seat to such a position that the access of child and the use of child seat will not be affected.
- If the driver's seat position causes inconvenience to the use and installation of child seat, please install the child seat on the right rear seat.

WARNING (Cont'd)

- Always use the child seat in strict accordance with the operation instructions provided by the manufacturer of the child restraint system.
- Please restrain the child on the seat properly even if the child restraint system is not used. Do not place a child seat in the vehicle without proper securing.

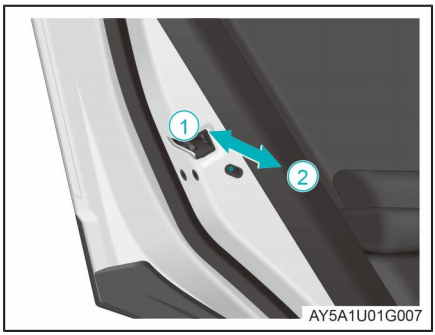
CAUTION

- The child restraint system may incur hardly-detectable damage when the vehicle is heavily collided in an accident, and thus after a serious collision, please stop using the child restraint system.

NOTE

- Always remember and abide by the precautions and regulations related to the child restraint system.
- Not all child seats are suitable for this vehicle. Therefore, please confirm the suitability of the child seat to be used or bought.
- The child seat has high restraint and inclusion effect, and thus it is recommended to apply the child seat from the time when the baby is born to make him/her be accustomed to the child seat, and intermittent use may stimulate his/her dislike to the child seat.

Child safety lock

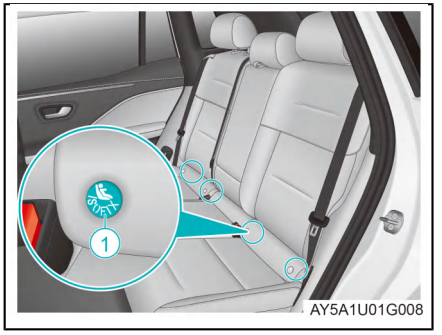


When a child takes a rear seat, please move the switch to locking position ② before closing the door. At this time, the door cannot be opened from inside, so as to prevent the child from opening the door unexpectedly.

To unlock the child safety lock, open the door from outside, and move the switch to unlocking position ①.

ISOFIX/ISIZE child restraint system

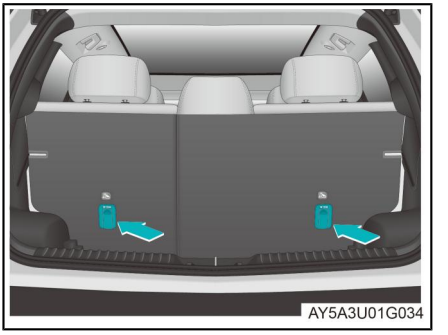
ISOFIX/ISIZE interface is an anchorage interface for hard connection with the child seat which supports the ISOFIX/ISIZE system.



There are four ISOFIX/ISIZE anchorage provided between the rear seat back and the rear seat cushion for installation of child seat. Label ① is used to indicate the position of ISOFIX/ISIZE anchorage.

LATCH child restraint system

LATCH interface is an anchorage interface for flexible connection with the child seat which supports the LATCH system.



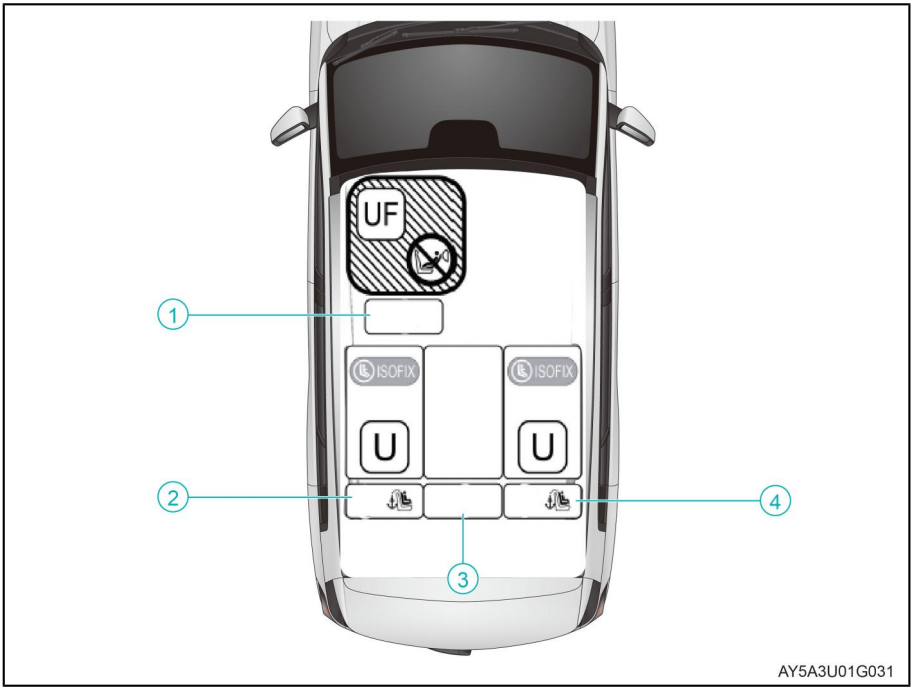
The LATCH anchorage is located on the back of rear outboard seat.

Correctly installing the child safety seat

To ensure better protection and to prevent the headrest from interfering with the performance of the child seat during use, it is recommended to remove the headrest in the corresponding seating position when installing a child seat.
For larger child seats, if installation is difficult, consider moving the front seat forward or backward, or adjusting the angle of the front seat backrest.

Child safety seat compatibility information

Information about the applicability of different seating positions for child restraint systems:



U — Suitable for "Universal" child restraint systems installed with vehicle seat belts.

UF — Suitable for forward-facing "Universal" child restraint systems installed with vehicle seat belts.

Rear-facing child restraint systems are prohibited.

Suitable for i-Size and ISOFIX child restraint systems.

The seating position is equipped with a top tether anchorage point.

Only suitable for forward-facing child restraint systems.

NOTE:

- For some child safety seats, a size class is specified. Be sure to check the size class according to the manufacturer's instructions, packaging, and the labels on the child safety seat. For guidance on proper installation, please refer to the user guide for the child safety seat.

Mounting positions for child safety seats

Specs	Weight group	Seating position and number			
		①	②	③	④
		Front row	Rear row		
			Left side	Middle	Right side
Suitable for "Universal" child restraint systems installed with vehicle seat belts	Group 0: <10 kg	×	✓	×	✓
	Group 0 +: <13 kg				
	Group I: 9 - 18 kg	✓	✓	×	✓
	Group II: 15 - 25 kg				
	Group III: 22 - 36 kg				
Suitable for i-Size or ISOFIX child restraint systems	≤150 cm	×	✓	×	✓
Carry-cot (L1, L2)	-	×	×	×	×
R1, R2, R3	Group 0: <10 kg	×	R3	×	R3
	Group 0 +: <13 kg				
	Group I: 9 - 18 kg				
F2X, F2, F3	Group I: 9 - 18 kg	×	F3	×	F3

For some child safety seats, a size class is specified. Be sure to check the size class according to the manufacturer's instructions, packaging, and the labels on the child safety seat. For guidance on proper installation, please refer to the user guide for the child safety seat.

Recommended child safety seat

Child safety seat model recommendation:
Joie Every Stage FX
Installation precautions are as follows:

- ◇ Seat body adjustment: It is recommended to install in a rear-facing position.
- ◇ Headrest adjustment: It is recommended that the headrest be adjusted to align with the child's shoulder height.

NOTE:

- ◆ During the actual installation of the child safety seat, be sure to refer to the user guide for the child safety seat for correct installation.

Switch-on/off of vehicle power supply

Switching on the vehicle power supply
After the vehicle is unlocked and either front door is opened, the center console display will go on, and the vehicle power supply will be switched on automatically.

Remote power-on A/C opening
To switch on the vehicle power supply by remote control, press the locking button on the smart key within the effective range of the smart key, and then press and hold the remote power-on A/C opening button on the smart key quickly until the turn signal lamps flash, indicating that the vehicle power supply is switched on successfully by remote control and that the A/C is enabled for autoamtic temperature regulation.

Entering driving ready status

When you close the doors, fasten the seat belt, depress the brake pedal, and set the shift lever to the desired position, the READY indicator lamp on the instrument panel will come on, indicating that the vehicle is ready for driving.

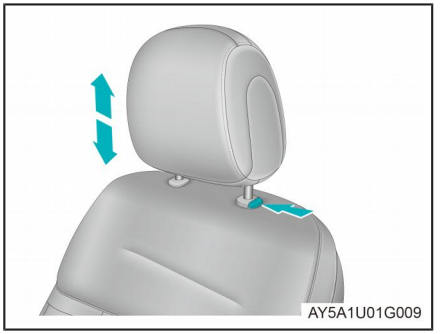
Switching off the vehicle power supply
After driving, stop the vehicle and set the shift lever to "P" position. After the driver and front passenger get off the vehicle and lock it, the vehicle power supply will be switched off automatically.

NOTE

- If the front passenger's seat is still occupied by a person after the driver gets off the vehicle, the vehicle power supply will not be switched off automatically, and the on-board electrical consumers will keep working.
- The vehicle power supply will be switched on automatically when the front door is opened, and if the driver's seat and front passenger's seat are not occupied, the vehicle power supply will be switched off automatically after a certain period of time for power saving.
- After driving, set the shift lever to "P" position. After the driver and front passenger get off the vehicle but do not lock it, the vehicle power supply will not be switched off automatically. But when the battery is too low, the vehicle power supply will be switched off automatically.
- When the vehicle is in the power state consumption state for a long time, the center console display will pop up a window indicating that the vehicle power will be automatically turned off after 60 seconds.
- If you press and hold the remote power-on A/C opening buttonon button on the smart key with vehicle locked after the vehicle power supply is switched on by remote control, the vehicle power supply can be switched off by remote control.
- If no operation is performed on the vehicle after the vehicle power supply is switched on by remote control, the vehicle power supply will be switched off automatically after a certain period of time.
- The vehicle power supply can be turned off via the center console display.

Seat adjustment

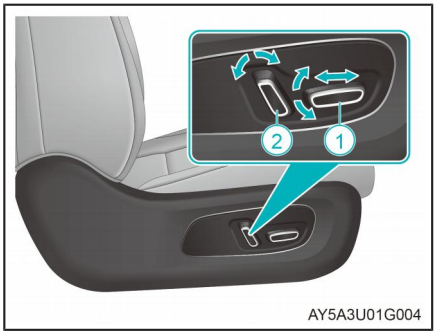
Headrest adjustment



Pull the headrest up in place.

Press the headrest button while pressing the headrest down in place, and then release the button.

Front seat adjustment

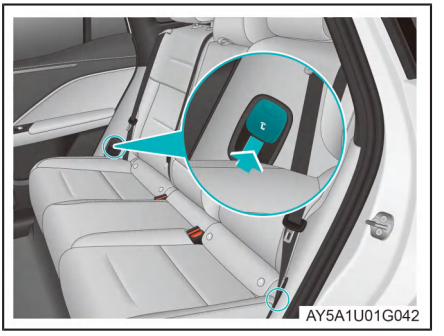


◇ Push the seat position adjusting switch ① forward and backward to adjust the front and rear positions of the seat.

◇ Turn the tip of the seat position adjusting switch ① up and down to adjust the seat height.

◇ Turn the seat back reclining switch ② forward and backward to adjust the tilt angle of the seat back.

Folding the rear seats

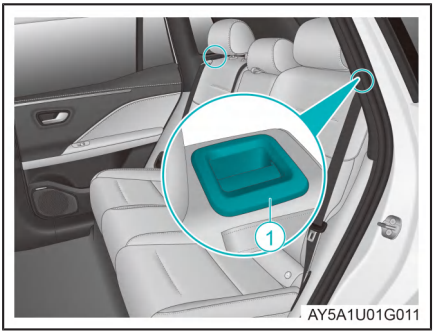


Adjusting the rear seat backrest angle

◇ Pull up the rear seat folding handle and tilt the rear seat backrest forward or push it backward to the desired position, then lock it in place.

Folding and restoring the rear seat backrest

1. Adjust the rear seat headrest to the lowest position.



2. Pull the folding handles ① on the left and right of rear seat to unlock the rear seat back.
3. Pull the rear seat back forward to make it come into contact with the seat cushion, and fold the rear seat back.

Push the rear seat back in contact with the seat cushion backward to the locking position to restore the rear seat back.

Driver's seat memory

The driver's seat is equipped with a memory function. After entering the vehicle and operating the central console display, the driver's seat will automatically adjust to the saved position.
To set the driver's seat memory position:
1. Adjust the seat to the desired position.
2. Confirm and save the current position via the central console display.

Front passenger seat memory

The front passenger seat also has a memory function. After entering the vehicle and operating the central console display, the front passenger seat will automatically adjust to the saved position.
To set the front passenger seat memory position:
1. Adjust the seat to the desired position.
2. Confirm and save the current position via the central console display.

Seat welcome function*

When the seat welcome function is activated via the central console display, and the vehicle is stationary with the gear in "P", opening the driver or front passenger door will cause the respective seat to automatically move backward slightly, making it easier for driver and passengers to get in and out of the vehicle. Once the driver or front passenger door is closed, the driver or front passenger seat will automatically return to its original position.

DANGER

- Do not excessively recline the seat backrest, as this may cause the lap portion of the seat belt to slide over the hips and press directly on the abdomen, or cause the shoulder portion of the seat belt to touch the neck, increasing the risk of serious injury or death in the event of an accident.
- Do not sit on a folded seat or in the trunk while the vehicle is in motion.

WARNING

- Do not adjust the seat while driving.
- When adjusting the seat position, ensure that other passengers are not harmed.
- Ensure that there is enough space for your feet to avoid injury.
- Do not place your hands under the seat or near moving parts to prevent injury.

CAUTION

- When the front seat backrest is fully reclined, do not sit on it or place heavy objects on it, as this may damage the seat.
- When folding and restoring the rear seat backrest, operate slowly to avoid damaging the rear seat belt or causing functional issues due to rapid folding or unfolding.

NOTE

- For some models, the front seats can be adjusted via the central console display.
- For some models, front seat massage can be set via the central console display.
- For some models, the seat welcome function can be configured via the central console display.
- After adjusting the front seat position, the central console display will prompt you to save the new position. If you do not need to update the memory position, please ignore the prompt.
- If the seat position is lost, or if the memory position or seat welcome function (if equipped) fails, follow the central console display's instructions to operate the physical switch for calibration.
- The power seats cannot be adjusted for a period of time after a collision.
- T he rear seat backrest is designed with a 60/40 split-fold. To fold a single seat backrest, pull the corresponding rear seat folding lever.

Adjustment of exterior rearview mirror

Adjustment of exterior rearview mirror

Tap the vehicle on the main interface of the center console display to enter the exterior rearview mirror control interface in "My Car", turn the steering wheel roller to adjust the exterior rearview mirror to a suitable angle.

Exterior rearview mirror memory

Exterior rearview mirrors have a memory function. Operate via the center console display after getting on the vehicle, and the exterior rearview mirrors will automatically turn to the related position.

How to set the memory position of exterior rearview mirrors:

◇ Select memory position adjustment on the center console display, adjust the exterior rearview mirror to a suitable angle through the steering wheel roller, and confirm and save the current position.

DANGER

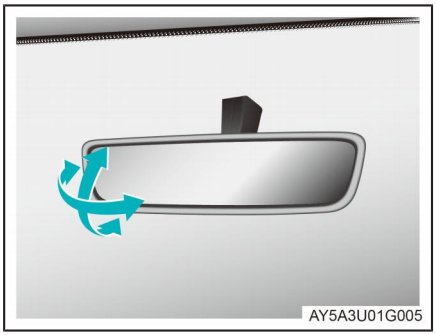
- It is forbidden to adjust exterior rearview mirrors during driving.
- Object images reflected by exterior rearview mirrors are smaller than real objects, and the actual distance between the object and the vehicle will be closer than it looks. Never misestimate the distance from the following vehicle, for fear of accidents.

NOTE

- If you adjust the position of exterior rearview mirrors, the center console display will prompt you to save the new position. If you do not need to update the memory position, ignore the prompt.

Adjustment of interior rearview mirror

Before driving, it is required to adjust the interior rearview mirror to the appropriate angle.



Adjust the interior rearview mirror up and down, left and right to the best rear view position.

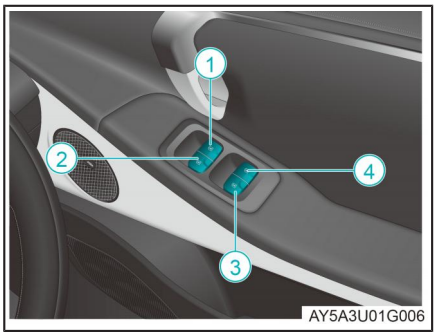
When the lamplight of the rear approaching vehicle is dazzling, the automatic anti-glare interior rearview mirrors will automatically adjust the reflection effect to alleviate glare.

DANGER:

- It is forbidden to adjust interior rearview mirrors during driving.

Window control

Introduction to driver side power window buttons



① Driver side power window button
② Front passenger side power window button
③ Left rear power window button
④ Right rear power window button

Driver side window adjustment

Press or pull the corresponding window button gently and hold it to adjust the window to the desired position and then release the button.

Press or pull the corresponding window button beyond the pressure point and release it, to allow the window to automatically open or close completely. (Express-up & down)

During express-up & down of windows, the windows can be held in current positions by operating the buttons.

Window anti-pinch function

If the window glass is hindered when it automatically rises, it will stop rising and immediately descend for a certain height.

WARNING

- The driver is responsible for the operation of all power windows, including the operation by passengers. Never allow children to operate the power windows, for fear that the power windows may pinch children or other passengers.
- When there are children in the vehicle, it is recommended that the passenger side window locking function be activated.
- During operation on windows, make sure that no part of the driver and passenger's bodies will be pinched.
- It is forbidden to test the anti-pinch function intentionally in any way.
- The anti-pinch function may not work when the window is about to close completely.

CAUTION

- It is forbidden to operate 2 or more windows at the same time. Otherwise, the vehicle may be damaged.
- It is prohibited to operate the same window in opposite directions by pressing the right front power window button and other passenger side power window buttons at the same time. Otherwise, the power window may stop working.
- Continuous express-up & down operation for many times in a short time may lead to temporary failure of express-up & down function.
- Triggering the window anti-pinch function several times in a short time will lead to the failure of the window anti-pinch function.
- When the window express-up & down or anti-pinch function fails, initialization is required to restore the function. (For details, refer to "Emergency treatment - Owner emergency - Window initialization")

NOTE

- For some models, the opening and closing of windows can be controlled through the center console display.
- For some models, the locking of windows can be controlled through the center console display.
- For some models, the opening and closing of windows can be controlled through speech.
- Passenger side windows are operated in the same way as the driver side window.
- After the driver leaves the vehicle, if any window is open, when the vehicle detects rain, the four windows will be automatically closed at once. (if available).
- During vehicle poweroff, if any window is not fully closed (when the locking-sensitive window closing function is not enabled), the panel will give a reminder indicating that the window is not closed when the driver's door is opened. (If equipped)
- Before leaving the vehicle, please check that windows are closed.

Sunshade control

Open and close the sunshade

Tap the button on the central console display to enter the open/close control interface in the My Car menu, then tap the sunshade's open or close soft key to automatically open or close the sunshade. During sunshade movement, Tap the pause soft key to stop the sunshade.

Sunshade anti-pinch function

If the sunshade encounters an obstruction while closing, it will stop and automatically retract a short distance.

WARNING

- The driver is responsible for operating the sunshade, including overseeing its use by passengers. To prevent accidental operation (especially by children), do not allow children to operate the sunshade, as it could pinch them or other passengers.
- When operating the sunshade, ensure that no part of any passenger's body is caught.
- Do not deliberately activate the anti-pinch function by trapping any part of the body.
- If an object is caught just before the sunshade fully closes, the anti-pinch function may not work.

CAUTION

- If the sunshade's automatic opening and closing function fails, you can follow the initialization procedure to restore the automatic function. (Refer to the "Emergency handling - owner's emergency - sunshade initialization" section for details)

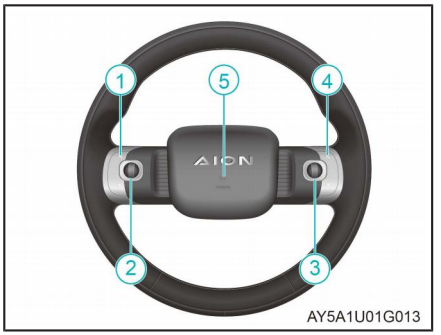
CAUTION (Cont'd)

- If the sunshade's anti-pinch function fails, you can follow the initialization procedure to restore the anti-pinch function. (Refer to the "Emergency handling - owner's emergency - sunshade initialization" section for details)

NOTE

- For some models, the sunshade can be opened and closed via voice control.

Steering wheel control



① Left side buttons on the steering wheel

– : When there is an incoming call, short press to answer and long press to reject the Bluetooth call; during a call, short press to hang up; without an incoming call, press to enter the dialer or Bluetooth settings.

– : Short press to enter quick functions, long press to enter quick function settings.

② Left scroll wheel on the steering wheel

– Scroll up and down to adjust the volume, swipe left and right to switch tracks, press to pause/play.

③ Right scroll wheel on the steering wheel

– Scroll up and down to adjust cruise control speed, swipe left and right to adjust following distance, short press OK/long press to reset tire pressure.

④ Right side buttons on the steering wheel

– : Press to activate/end voice control.

– : Short press to enter quick functions, long press to enter quick function settings.

⑤ Horn sign

– Press this area to sound the horn, and release it to mute the horn.

NOTE

- Depending on the configuration, buttons on the steering wheel may vary. For specific buttons, the configuration of the actual vehicle shall prevail.
- Some buttons of the steering wheel can only work when certain conditions are met.

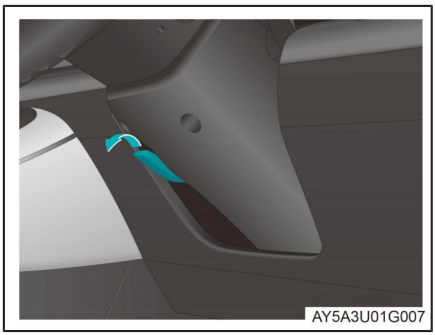
Steering wheel quick function settings



Long press the left/right side button, and the central console display will switch to the left/right side custom key settings. Select the desired quick function to complete the setup. The default function for the left button is to switch the instrument panel view, and the right button is set to switch the audio source.

Steering wheel adjustment

Before driving, adjust the steering wheel to the appropriate position so as to drive the vehicle more comfortably and safely.



1. Unlock the steering wheel by pulling the steering wheel locking handle down.
2. Adjust the steering wheel up, down, forward, and backward to the desired position.
3. Pull back the steering wheel locking handle to lock the steering wheel.

DANGER

- It is forbidden to adjust the steering wheel during driving. Otherwise, the driver may misoperate the vehicle and cause accidents, resulting in serious injuries and even death.
- After the steering wheel is adjusted, make sure the steering wheel is firmly locked. Otherwise, the steering wheel may suddenly move and cause accidents, resulting in serious injuries and even death.

Locking doors from inside of vehicle



Please lock the doors via the center console display before driving.

NOTE

- When any door is ajar, there will be a door ajar prompt on the instrument panel.

Mobile phone wireless charging

Enable and disable mobile phone wireless charging

Close all doors, and tap the upper right button on the center console display to pop up the wireless charging control interface. Enable and disable the wireless charging function on the control interface.

Mobile phone wireless charging



Place a mobile supporting wireless charging in the wireless charging area. To ensure good wireless charging experience, it is suggested the mobile should be close to the rear air outlet of the charging area, and align the mobile charging coil with the charging area shown in the image.

Status display of mobile phone wireless charging

The working status of mobile phone wireless charging is displayed in the upper left corner of the center console display. Specifically:

Icon	Status information
	Wireless charging function turned on, but no mobile phone placed there
	Charging in progress or completed
	Charging abnormal
	Wireless charging function turned off
	Charging function is deactivated and temporarily unavailable

WARNING

- Before charging, ensure that credit cards, bank cards, transit cards, ID cards, or other magnetic items are not in the charging area, as they may be damaged during the charging process.
- Before charging, ensure that metal objects such as coins, keys, and rings are not in the charging area, as they may become heated during charging and pose a safety risk.
- If you find a metal object in the charging area while charging, do not immediately remove it by hand to avoid burns. You should first disable the mobile phone wireless charging function, and then remove the foreign body after it cools down.
- While driving a vehicle, do not check the charging status of your mobile phone to avoid hidden traffic accidents.
- When no one is in the vehicle, please do not charge the mobile phone in the vehicle to avoid hidden safety hazards.

CAUTION

- Avoid spilling liquids into the charging area to prevent damage to the mobile phone's wireless charging module.
- Do not allow small objects such as pebbles, sand, crumbs, or paper scraps to enter the charging area, as they may get into the internal fan, causing noise or damage.

CAUTION (Cont'd)

- Do not place a heavy object in the mobile wireless charging area to avoid damaging the mobile wireless charging module.
- In case of an exception of mobile phone wireless charging, tap the wireless charging icon to view the corresponding fault warning. Follow the steps for troubleshooting. If the fault cannot be removed, stop using wireless charging, and promptly contact the GAC AION sales store for inspection and repair.

NOTE

- Only a mobile that supports wireless charging can use the mobile wireless charging function.
- The wireless charging function may affect the normal operation of implantable medical devices, including pacemakers. Please consult your doctor before using this function.
- Only charge one mobile phone at a time. The maximum charging power is 50 W.
- If the mobile phone protection case is too thick, it may lead to reduced charging performance or charging failure.
- Charging will be discontinued when the temperature is too high, and will be resumed after the temperature decreases.
- On bumpy roads, mobile phone wireless charging may be intermittently discontinued. If the mobile phone deviates from the charging area, please move it back to the charging area.

NOTE (Cont'd)

- The mobile phone wireless charging function involves both the vehicle and the mobile phone, and if either of them is faulty, it may cause charging failure.
- Warranty services will not be available in case of abnormal use (e.g. connection to an external wireless charging coil) or disassembly and modification of the wireless charging system.
- When the brake pedal is pressed or a door is closed, wireless charging may be discontinued for a short time.

A/C control

A/C quick control area

The A/C quick control area at the bottom of the center console display can be operated to quickly turn on the A/C. After A/C is turned on, long press or press and drag the temperature or wind number to show the quick adjustment control. Slide left and right to quickly adjust the A/C temperature or air volume.

Turning on and off the A/C

When the A/C is turned off, tap the "Turn on A/C" button in the quick control area of the center console display to turn on the A/C.

When the A/C is turned on, tap the soft key in the A/C control interface on the center console display to turn off the A/C.

NOTE

- AUTO mode will exit when the air volume or air supply mode is adjusted under the Auto Mode.

A/C settings

In any interface of the center console display, tap the temperature or wind numbers in the A/C quick control area at the bottom, to enter the A/C control interface to set the A/C.

- Slide the temperature control area of the A/C control interface to adjust the A/C temperature
- Slide the air volume control area of the A/C control interface to adjust the air volume control of A/C
- Turn the air conditioning on or off
- AUTO Activate automatic mode
- A/C Turn the air conditioning compressor on or off
- ECO Activate energy-saving mode for air conditioning
- Activate foot mode for air conditioning
- Activate face mode for air conditioning
- Activate window mode for air conditioning
- Switch air conditioning circulation mode
- Turn front windshield defrost/defog on or off
- Turn rear windshield/exterior rearview mirror defrost/defog on or off
- Sync Turn driver and front passenger temperature synchronization mode on or off

Quick heating, cooling, or ventilation

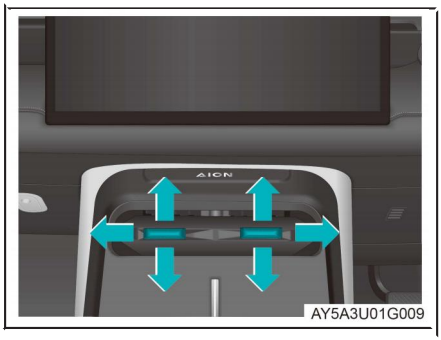
To achieve quick heating or cooling of cabin, select the quick cooling or heating scene in the A/C scene interface.
For ventilation, select the ventilation scenario.

Remote one-touch disinfection

When the vehicle is in a stationary state with a good battery level, the A/C system will purify the air in the vehicle to create a healthy cab through heat and filtration, after the remove one-touch disinfection function is enabled with the AION App.

Distribution and operation of air outlets

Front air outlet



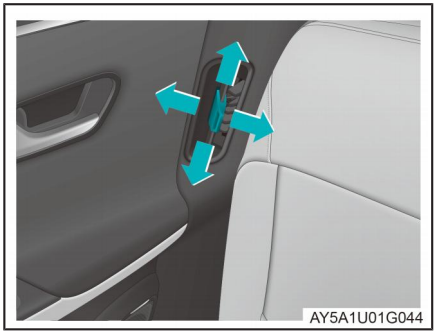
◇ Pull the front air outlet fork up and down, left and right to adjust the air direction of the front air outlet.

◇ Pull the air outlet fork left and right to the limit positions to control the air outlet to the maximum opening or close the air outlet.

NOTE

- The control mode of the front air outlets is generally the same. Here, the front central air outlet is introduced as an example.

Rear air outlet



◇ Pull the rear air outlet fork up and down, left and right to adjust the air direction of the rear air outlet.

◇ Pull the air outlet fork left and right to the limit positions to control the air outlet to the maximum opening or close the air outlet.

WARNING

- Long-term activation of recirculation mode will cause accumulation of carbon dioxide in the cabin, which is bad for keeping the driver clearheaded.
- Activation of the recirculation mode in cold or rainy days can cause the windows to mist up, affecting the driver's visibility.
- The front windshield defrost/defog function may cause the outer surface of front windshield to mist up, affecting the driver's visibility.

NOTE

- In AUTO mode, when the outlet air is at high temperature, most of the air comes out through the floor outlets; when the outlet air is at low temperature, most of the air comes out through the panel outlets.
- When the A/C is on, tap the A/C button in the center console display to make the A/C system exit the cooling mode and blow natural air.
- If the defrost/defog function of the rear windshield and exterior rearview mirrors is not manually turned off, it will automatically turn off after continuous operation for a period of time.
- The temperature shown in the center console display is the target value of the temperature setting, rather than the measured inside temperature.
- To ensure the best air distribution effect, make sure that all air outlets in the cabin are open.
- For some models, speech control can be used to turn on and off the A/C and control temperature and air speed settings.
- After the vehicle enters the energy saving or extreme energy saving driving mode, the A/C will also enter the ECO energy saving state.
- All doors and windows shall be closed and make sure no people, pets, food, or inflammables are in the vehicle, after the one-touch disinfection function is enabled.
- It is suggested that you enter the vehicle after the vehicle stands for 30 min, when using one-touch disinfection in summer.
- No other remote operations can be conducted during disinfection. Please do so after disinfection.

NOTE (Cont'd)

- Please download and install the AION App and bind your personal information in advance to ensure normal function of the remote one-touch disinfection.
- The self-drying function of the A/C can be enabled via the center console display to guard against damp and inhibit moulds.
- For some models, when the PM2.5 content in the vehicle is too high and the A/C is closed, the center console display will pop up a prompt to reminder you of turning on the A/C.

Seat ventilation/heating



Tap  on the center console display to enter the seat ventilation/heating settings interface and set seat ventilation/heating as needed.

WARNING

- If you are sensitive to temperature changes, do not use the seat heating function to avoid burns or discomfort.

CAUTION

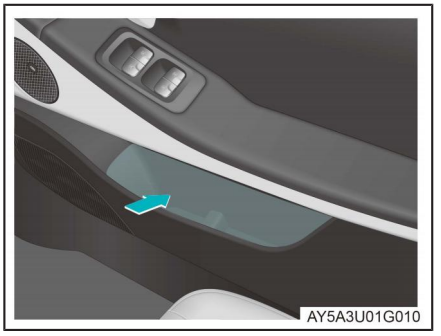
- Do not kneel on the seat or apply excessive local force on the seat or the seat back, otherwise the electrical components inside the seat may be damaged.
- If the seat ventilation function is turned on but the seats are not unventilated for a long time, immediately disable the function and promptly contact the GAC AION sales store for inspection and repair.
- If the seat heating function is turned on and the seat has no temperature change or is not heated, the seat heating function should be turned off immediately and promptly contact the GAC AION sales store for inspection and repair.

NOTE

- Seat ventilation/heating can be remotely controlled through the AION App.
- Seat ventilation/heating can be controlled by voice.
- When the vehicle's battery is low, the seat heating function may be disabled.

Storage space

Storage box on door interior trim panel

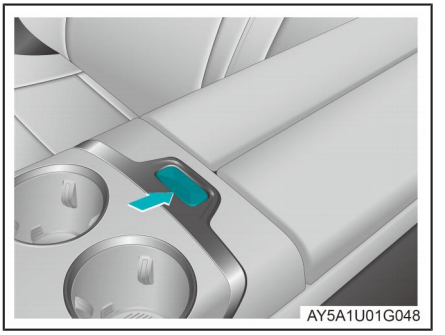


The storage box on door interior trim panel can be used to store maps, beverage bottles, etc.

CAUTION

- When storing drinks in the storage box on door interior trim panel, ensure that the drinks are sealed to prevent liquid spill during driving.

Front central armrest box



Press the lid release button to open the central armrest box.

WARNING

- During driving, make sure that the central armrest box is closed.

Front cup holder



The front cup holder is used for storing cups or beverage bottles.

CAUTION

- When placing a cup or beverage bottle, ensure that it is sealed to prevent liquid spill during driving.

Rear cup holder

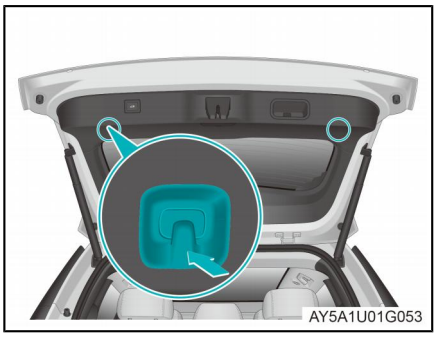


The rear cup holder is in the central armrest. Pull down the armrest before using the rear cup holder.

CAUTION

- When placing a cup or beverage bottle, ensure that it is sealed to prevent liquid spill during driving.
- Make sure nothing is inside the rear cup holder before the central armrest is reset.

Liftgate trim hook

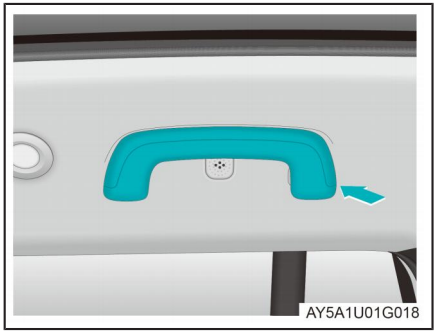


The liftgate trim hook is only intended for hanging lightweight items such as advertising cloths.

WARNING

- When the liftgate is open, do not hang heavy objects on the liftgate hook to avoid the liftgate closing unexpectedly and causing injury.
- For electric tailgates (electric struts), when the rear door is open, the maximum combined load for both hooks is 2.0 kg in high-temperature environments and 3.0 kg in normal temperatures.

Safety handrail

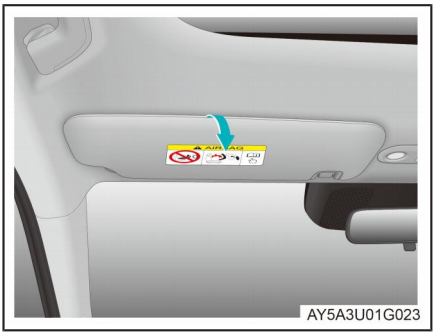


When the vehicle is running fast or on a bumpy road, the safety handrails can be used to keep the body balanced.

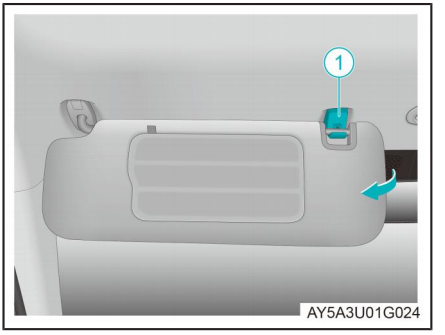
CAUTION

- Do not pull the safety handrail when getting on or off the vehicle or getting up from the seat.
- It is forbidden to hang any heavy objects on the safety handrails.

Sun visor

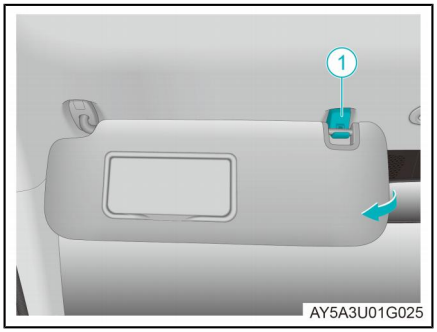


Sun visors are located above the driver's seat and front passenger's seat. Turn down the sun visor to block the dazzling light from the front.



Sun visor (state one)

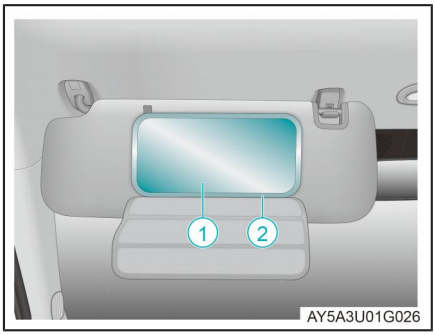
After the sun visor is turned down, disengage the fastening hook ① and turn the sun visor to the side window to block the dazzling light from the side.



Sun visor (state two)
After the sun visor is turned down, disengage the fastening hook ① and turn the sun visor to the side window to block the dazzling light from the side.

Vanity mirror and vanity mirror lamp

The vanity mirror and vanity mirror lamp are located on the sun visor. Turn down the sun visor and lift the vanity mirror cover to use the vanity mirror and vanity mirror lamp.

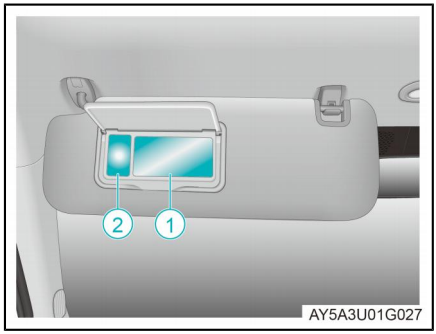


Vanity mirror and makeup light (state one)

① Vanity mirror

② Vanity mirror lamp

- Open the vanity mirror cover, and the makeup light will automatically turn on.



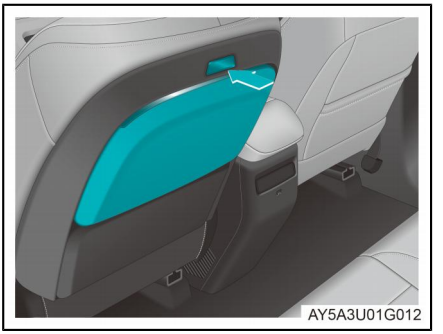
Vanity mirror and makeup light (state two)

① Vanity mirror

② Vanity mirror lamp

- Open the vanity mirror cover, and the makeup light will automatically turn on.

Tray table*



Press the unlock button, and the small tray will pop out slightly. Slowly lift it until the tray is level.

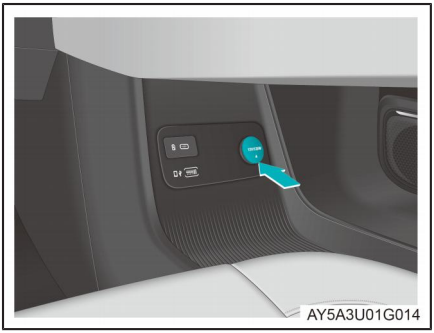
WARNING

- The small tray should only be used when the vehicle is parked. Do not open it while driving, as it may cause serious injury.
- Be careful to avoid pinching your fingers when opening and closing the small tray.

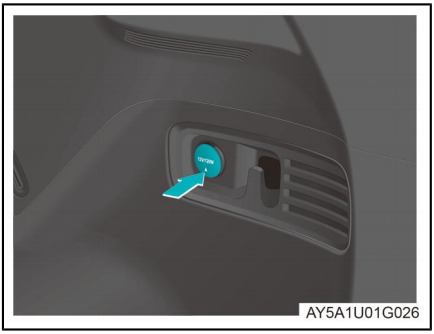
NOTE

- The maximum load capacity of the small tray is 10 kg. Do not exceed this weight.

12 V power outlet



12 V power outlet on the console



12 V power outlet in the trunk

Enter the vehicle, lift the 12 V power outlet cover and connect an electrical consumer at the same time to use the 12 V power supply.

WARNING

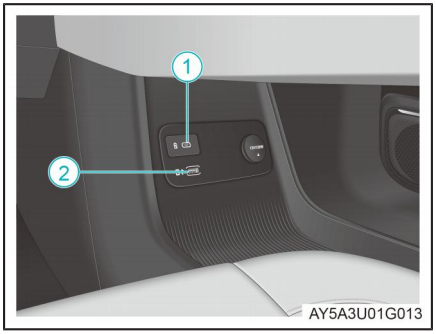
- When there is nobody in the vehicle, it is forbidden to leave the 12 V power outlet in use.
- Never allow children to use or play with the 12 V power outlet.
- The power outlet has the output voltage of 12 V and the maximum output power of 120 W. It is forbidden to connect electrical consumers of more than 120 W to the power outlet.

CAUTION

- When starting or powering off the vehicle, the electrical consumers connected with the 12 V power outlet should be disconnected to avoid damaging the electrical consumers due to voltage fluctuation.
- It is forbidden to insert foreign matters into the 12 V power outlet.
- It is forbidden to spill water or other liquids in the 12 V power outlet.
- It is forbidden to disassemble or modify the 12 V power outlet.

USB port

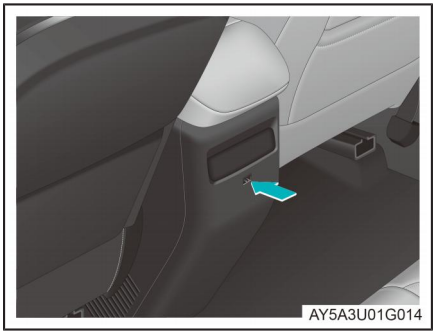
Arrangement of USB ports



Front USB port

① Support charging.

② Support charging and data access.



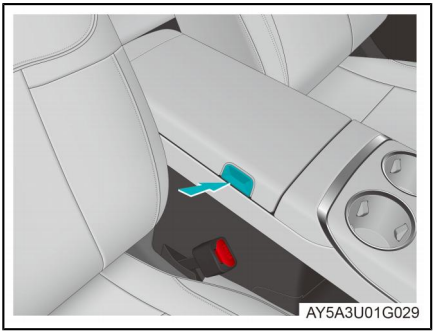
The rear USB port is only used for charging.

CAUTION

- It is forbidden to insert foreign matters into USB ports.
- It is forbidden to spill water or other liquids in USB ports.
- It is forbidden to disassemble or modify USB ports.

Vehicle refrigerator*

Open the vehicle refrigerator

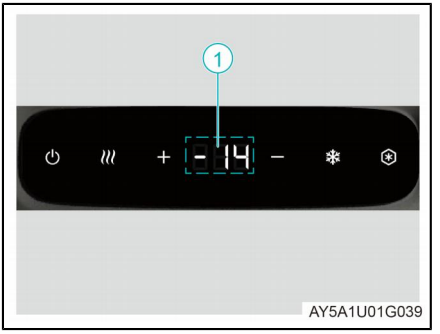


Press the vehicle refrigerator lid's open button to lift the lid and access the refrigerator.

WARNING

- Ensure that the vehicle refrigerator lid is closed while driving.

Vehicle refrigerator settings



① Temperature display area

Power On/Off Enable/ disable heating

Increase temperature

IDecrease temperature

Enable/disable refrigeration

Enable/disable freezing

NOTE

- Some models can control the vehicle refrigerator through the central console display.
- Some models can control the vehicle refrigerator via voice commands.
- Some models can remotely control the vehicle refrigerator through the AION app.

Multimedia control panel

Center console display



The center console display will show the original image for seconds and start to work, after the whole vehicle is powered on.

CAUTION

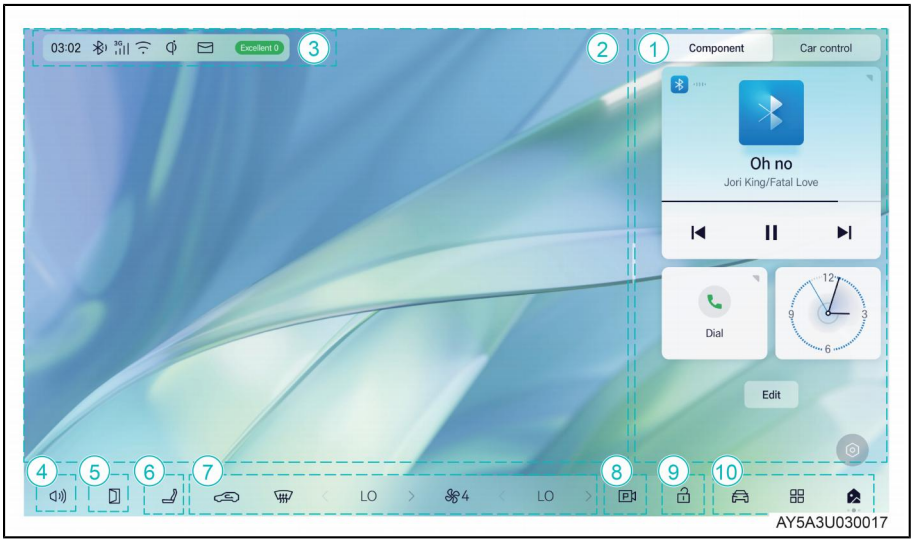
- Do not reinstall the system or uninstall the App without permission, otherwise multimedia or the whole vehicle may become abnormal.
- To avoid damage to the center console display, tap the display gently. If it does not respond, try to tap it again.
- Do not use detergent to clean the display.

NOTE

- Grey buttons on the center console display are not available.
- Interfaces on the center console display are for reference only. The actual vehicle shall prevail.
- It is recommended to connect the network to better experience the relevant functions (e.g. intelligent speech and Apps) of the multimedia system.

Basic operation

Main interface



① Quick service area

– Contains quick service for app components and vehicle control.

② Desktop scene

– Allows switching between intelligent scenes.

③ Top status bar

– Displays air quality, message center entry, wireless charging status, Bluetooth status, mobile network status, WLAN status, time display, OTA update prompts, power hold, and extreme energy-saving mode.

④ Sound panel

– Tap to enter the sound panel, quickly switch the sound output device, adjust the volume, mute, and access the ADiGO sound panel for further settings such as sound effects and ambient sound.

⑤ iSPACE

– Contains functions such as relaxation space. After selection, the central console display and vehicle will enter the corresponding scene, linked with windows, seats, air conditioning, etc.

⑥ Seat ventilation and heating quick control

– Tap to enter the seat ventilation and heating settings interface.

⑦ A/C information display/control area

- Display the current A/C information. Tap to enter the A/C settings interface. Press and hold or drag the temperature or airflow numbers directly to bring up quick adjustment controls. Slide left or right to quickly adjust the air conditioning temperature or airflow.

⑧ Parking image control area

– Tap to enter the parking image interface.

⑨ Door lock control area

– Quick control for door locks.

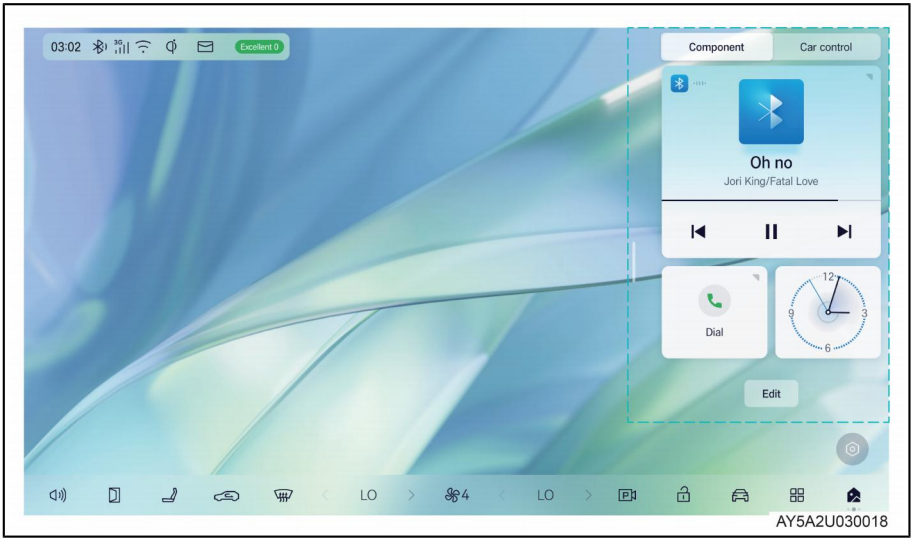
⑩ System navigation bar

– System control soft keys.

NOTE:

◆ Due to different vehicle configurations, the main interface display may vary from the illustration. Refer to the actual vehicle for specifics.

Quick service area



◇ Quick service for app components

– Quick service for app components includes music, navigation, Bluetooth phone, clock, and the ability to customize app components.

◇ Quick service for vehicle control

– Use the vehicle control components to set related vehicle control functions.

NOTE:

◆ You can long press the title in the quick service area to drag and switch positions, or click the corresponding component name to switch the component display.

Top status bar

◇ Functions that are permanently displayed at the top of the central console display include air quality display, message center entry, wireless charging status, Bluetooth status, mobile network status, WLAN status, and time display.

◇ Temporarily displayed functions at the top of the central console display include OTA update prompts, power hold, and extreme energy-saving mode.

Desk scenario area

Includes wallpaper desktop scenario and map desktop scenario. You can click the bottom button to switch scenarios.

◇ Wallpaper desktop scenario: The wallpaper desktop includes multiple wallpapers. You can also click the wallpaper settings to enter the settings page and select.

◇ Map desktop scenario: The desktop displays navigation information to the user.

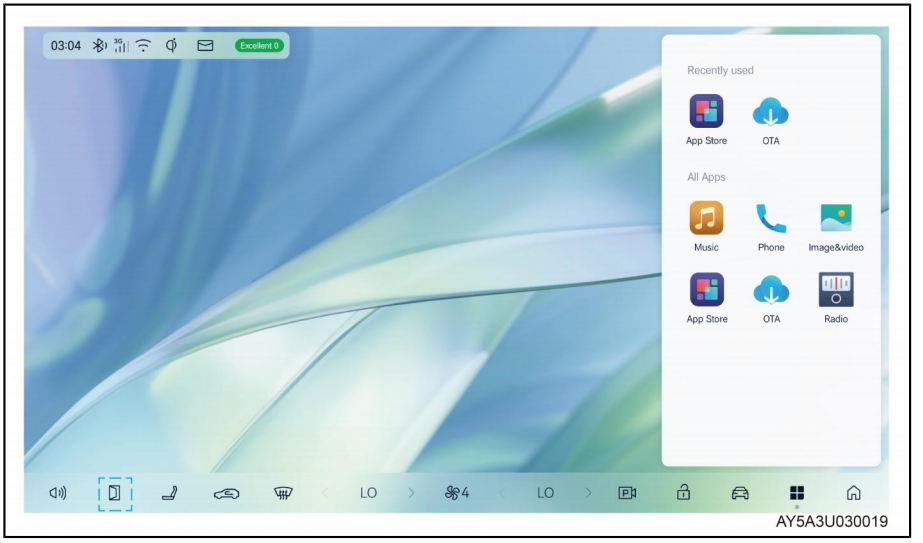
System navigation bar

◇ Home button : Click to switch desktop scenarios in the main interface, or click to return to the main interface from other screens.

◇ Menu button : Click to enter the system application menu interface.

◇ My car control button : Click to enter the my car control interface.

Application menu

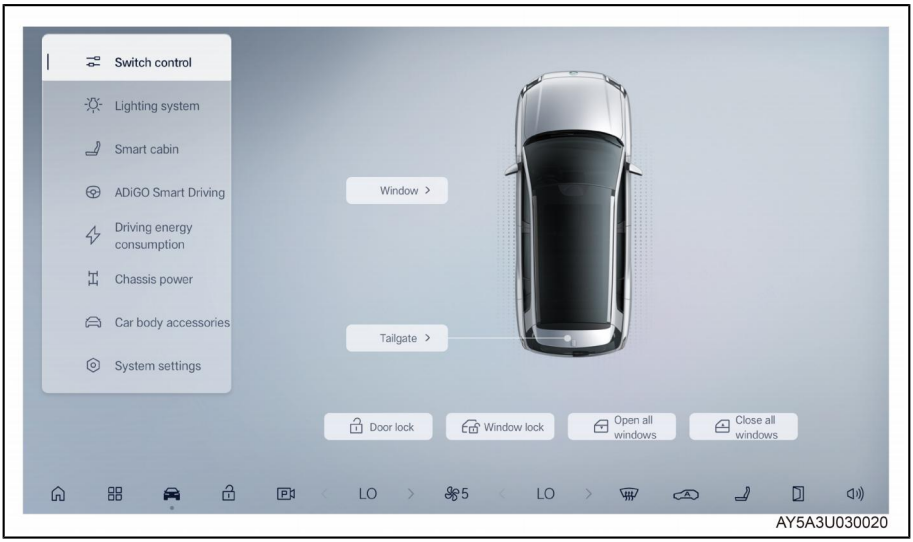


Click the menu button to enter the system application menu interface. Click each application icon to enter the main interface of the application.
The drop-down menu includes functions such as driving mode switching, central console display brightness adjustment, lighting control, and door control.

NOTE

- Due to different vehicle configurations, the applications within the application menu interface may vary from the illustration. Refer to the actual vehicle for specifics.

My Car



Click the My Car control button  to enter the My Car control interface.

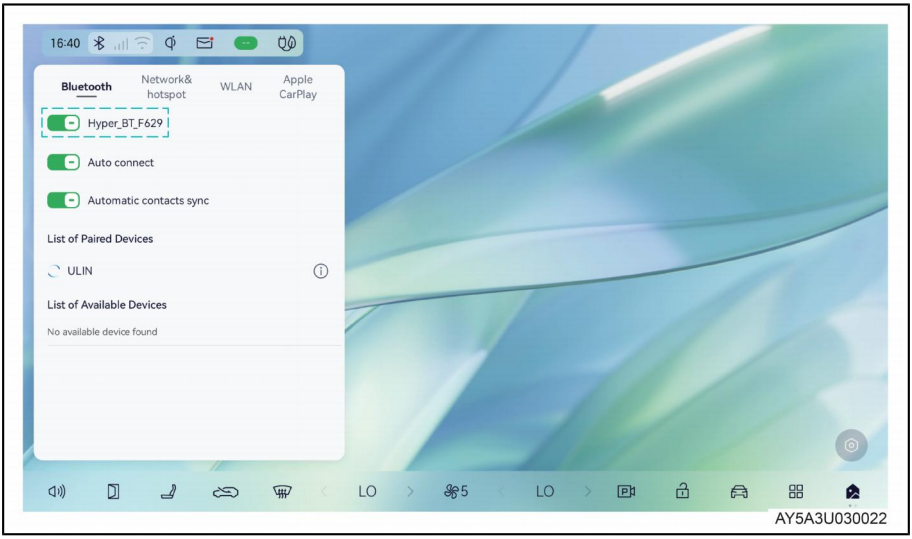
Click the panel function buttons to set corresponding functions, including opening and closing controls, lighting system, intelligent cockpit, and ADiGO intelligent driving.

Bluetooth call

Connection to Bluetooth

This vehicle supports Bluetooth phone, Bluetooth music, and other functions. Once Bluetooth is successfully connected, these features can be used. Observe the following steps to quickly connect Bluetooth:

1. Turn on Bluetooth on your phone.



2. Click the Bluetooth icon in the top status bar of the central console display to enter the Bluetooth connection settings interface.
3. Click the Bluetooth switch to turn on Bluetooth. Then, the vehicle will automatically search the surrounding Bluetooth devices.
4. Click the Bluetooth device you want to connect to, and follow the prompts to complete the Bluetooth connection.

Bluetooth call

Answer or hang up

◇ When a call comes in, short press the steering wheel button to answer the call; long press the steering wheel button to reject the call.

◇ During a call, long press the steering wheel button to hang up.

Make a call

◇ Short press the steering wheel button to activate the voice function, then say "Call xxx."

◇ After Bluetooth is connected, enter the Bluetooth phone interface to directly dial, click the contact number to make a call, or search for a contact to make a call.

Voice assistant

How to use Voice Assistant

Short press the steering wheel button or say the wake-up words "Hello baby" to activate the Voice Assistant.

Voice Assistant will reply "Please speak", after being woken up. The interface will read "Listening". You can say the operation you want (e.g. I want to listen to music). Voice Assistant rapidly controls vehicle functions by identifying and executing voice commands, so as to enhance operation convenience.

Voice commands

The following functions or the system can be conveniently controlled through Voice Assistant:

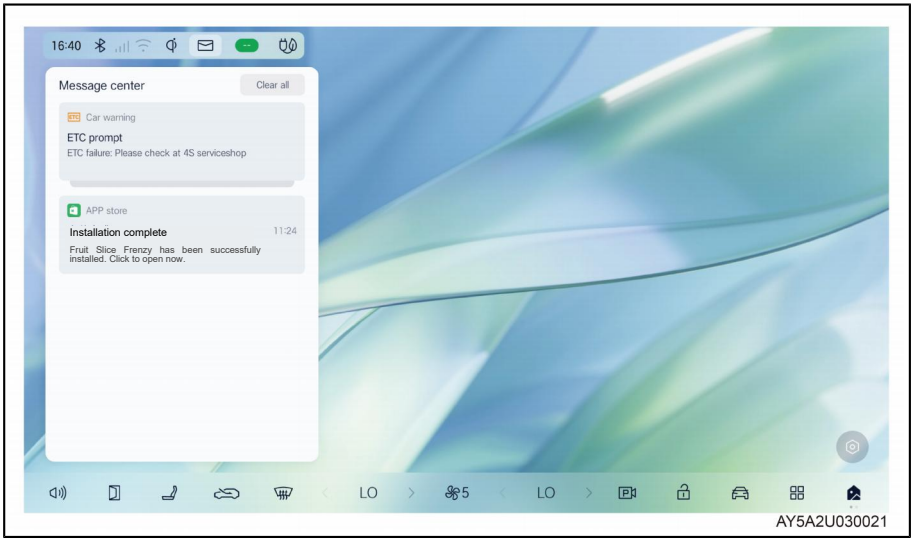
Category	Function	Example
Navigation	Navigate to the destination	Activate map, Go to company, Drive me to KFC
	Check traffic conditions	Display realtime traffic, Turn off realtime traffic
	Check nearby facilities	Find Nearby Charging station, Go to a nearby hotel
Bluetooth	Phone	Make a call to David, Call zero seven one two three four five six seven, Call Jessica, Give a call, Call back
Multimedia	Radio	Play FM radio, Play FM ninty point five, Continue playing radio, Collect the radio station
	Music	I wanna listen to music, Let's listen to In The Closet, Play Beatles's music, Listen to album Singles, Continue playing music for you, Music pause, Play music in shuffle mode

NOTE:

- The success rate of voice recognition can be affected by environmental noise, network signal, usage habits, pronunciation, and other factors. The actual performance may vary depending on the in-vehicle environment.
- The voice control functions may differ depending on the vehicle configuration. The features listed in this table are for reference only. Please refer to the actual vehicle for specifics.

Message center

Message entry



◇ Message entry

– Click the message entry icon in the system status bar to enter the list.

◇ Message details

– The information in the message list includes title, content, message icon, type, and release time. You can then jump to the message details page or the corresponding application page.

Message settings

You can enable or disable the message push notification function through the central console display. When the function is turned off, the system will block pop-up notifications for operational messages.

Message clearance

After entering the message list page, you can clear a single message or all messages. Alarm messages cannot be cleared unless the alarm state is resolved.

Precautions for multimedia use

Read and observe the following when using the multimedia system.

WARNING

- Be sure to pay full attention during driving, and do not operate or check the multimedia system too frequently. Otherwise, the driver is prone to distraction, causing serious traffic accidents.
- During driving, reduce the multimedia volume in the cabin to listen to the warning sound outside. Otherwise, traffic accidents may occur.
- During route navigation through the navigation system, please drive according to actual traffic rules. Completely following the route planned by the navigation system during driving may violate traffic rules sometimes, which can cause traffic accidents.
- Do not operate the multimedia system in no-parking areas. Otherwise, traffic accidents may occur.
- It is forbidden to disassemble, modify or destroy the multimedia system without authorization. Otherwise, problems such as system failure, fire and electricity leakage may occur.
- Keep the multimedia system dry, and avoid liquid ingress. Otherwise, multimedia system may fail and even fire can occur.
- I f the multimedia system fails, do not repair it without authorization. Stop using it and contact the GAC AION sales store for inspection and repair.
- Do not use the center console display in a faulty state without images or sounds.

CAUTION

- When cleaning the screen, please turn off the multimedia system first, and then clean it with a soft dry cloth. Do not use hard cloth, chemical cloth or organic solvent (benzene, ethanol, paint thinner, etc.) to clean the screen. Otherwise, the screen may be damaged.
- Do not knock or press the center console display hard when operating it. Otherwise, the screen may be damaged.
- Do not use sharp or angular hard objects to operate the center console display. Otherwise, the screen may be damaged.
- Do not plug and unplug USB devices repeatedly in a short time. Otherwise, USB devices may be damaged.
- The amount of time for identifying a USB device is affected by the type, capacity, or stored file format of the USB device.
- Do not store too many unnecessary files in USB devices. Otherwise, the recognition speed will be affected.
- If heat is generated during charging with USB ports, charging performance may be reduced or failure may occur.
- SD type USB memory stick, CF type USB memory stick, or other USB devices used to connect the adapter may not be recognized.
- USB devices may not be recognized by a common USB cable or extension cable. Please connect the USB devices directly to the USB port for use.
- Vehicle vibration may cause poor contact of USB devices.
- During media playing with USB devices, the opening time of different

CAUTION (Cont'd)

video and image files may vary. For example, image files that occupy more storage space, and high-resolution video and audio files take more time to open. That it takes too long time to open a file may cause the system to restart.

- Fast forward and rewind of video are based on addressing by frames. The data formats of converted video files may not be standard. There may be irregular fast forward, rewind and even seizure during video playing. Or, some key frames are lost after conversion, which may lead to seizure and restart.

NOTE

- Do not dismantle, modify or destroy the multimedia system without authorization. Otherwise, the product warranty may be invalidated.
- As USB devices may havecompatibility problems, the multimedia system cannot recognize all USB devices. In such cases, please replace the USB devices and try again.
- The multimedia system of this vehicle only supports USB devices with FAT16/32 file type.
- As the multimedia system features video playback limitation during driving, it is impossible to watch video during driving. The video playback limitation can be disabled through the center console display. For driving safety, please keep this function enabled during driving.
- After entering the OTA mode, the vehicle will update and upgrade the software for a period of time. Some functions will be limited, and will return to normal after the OTA upgrade is completed.

Indicator lamps on instrument panel

Name	Icon	Description
Left turn signal indicator lamp		The indicator lamp comes on if the left turn signal lamp is turned on
Right turn signal indicator lamp		The indicator lamp comes on if the right turn signal lamp is turned on
Position lamp indicator lamp		The indicator lamp comes on if the position lamps are turned on
Rear fog lamp indicator lamp		The indicator lamp comes on if the rear fog lamp is turned on
High beam indicator lamp		The indicator lamp comes on if the high beam is turned on
READY indicator lamp	READY	If the indicator lamp comes on, it indicates that the vehicle has started and gears can be shifted
Seat belt warning lamp		The indicator lamp comes on to remind the driver to fasten the seat belt
Charger on indicator lamp		If the indicator lamp comes on, it indicates that the charger is successfully connected with the vehicle charging inlet
AUTO HOLD status indicator lamp		If the indicator lamp comes on, it indicates that the AUTO HOLD is activated
Electric park brake (EPB) status indicator lamp		If the indicator lamp comes on, it indicates that EPB is applied
Electronic stability program Off (ESP OFF) indicator lamp		When this indicator lamp is illuminated, it indicates that the electronic stability program (ESP) is turned off.

Name	Icon	Description
Hill descent control (HDC) indicator lamp		When this indicator lamp is illuminated, it indicates that the hill descent control (HDC) system is activated.
Charging Reservation indicator lamp		When the charger is connected, if "Charging Reservation" has been set but not yet started, the indicator lamp will be on
		When the charger is connected, if "Charging Reservation" has been set and is being executed, the indicator lamp will be on
Turn-off indicator lamp of forward collision mitigation assist		If the indicator lamp comes on, it indicates that forward collision mitigation assist is turned off or invalid
ACC adaptive cruise control status indicator lamp		When this indicator lamp is illuminated, it indicates that the ACC adaptive cruise control is in a ready state.
		When this indicator lamp is illuminated, it indicates that the ACC adaptive cruise control is active.
Lateral control indicator lamp		If the indicator lamp comes on, it indicates that ICA is ready
		If the indicator lamp comes on, it indicates that the lateral control of ICA is activated
Driver takeover indicator lamp		When this indicator lamp is illuminated, it indicates that the driver needs to take control of the steering wheel.
Smart driving safety function status indicator lamp		When not in the smart driving mode, if this indicator lamp is illuminated and the left lane marking turns red, it indicates a risk of crossing the left lane line or a forward collision risk.
		When not in the smart driving mode, if this indicator lamp is illuminated and the right lane marking turns red, it indicates a risk of crossing the right lane line or a forward collision risk.

Name	Icon	Description
		When not in the smart driving mode, if this indicator lamp is illuminated and the vehicle turns red, it indicates a forward collision risk.
IHC status indicator lamp		When this indicator lamp is illuminated, it indicates that the intelligent headlight control (IHC) system is in a ready state.
		When this indicator lamp is illuminated, it indicates that the intelligent headlight control (IHC) system is active.
Door open indicator lamp		When this indicator lamp is illuminated, it indicates that one or more doors are open.
Lane departure assist (LDA) activation indicator lamp		When this indicator lamp is illuminated, it indicates that the lane departure assist (LDA) system is on but not yet activated.
Lane departure assist (LDA) deactivation indicator lamp		When this indicator lamp is illuminated, it indicates that there is a fault in the lane departure assist (LDA) system.
Lane departure assist (LDA) fault indicator lamp		When this indicator lamp is illuminated, it indicates that there is a fault in the lane departure assist (LDA) system.

NOTE

- Refer to the corresponding sections for the detailed functional status of some indicator lamps on the instrument panel.
- Some indicator lamps on the instrument panel are only displayed on vehicles with relevant configurations. Please refer to the actual vehicle.

Instrument panel warning lamps

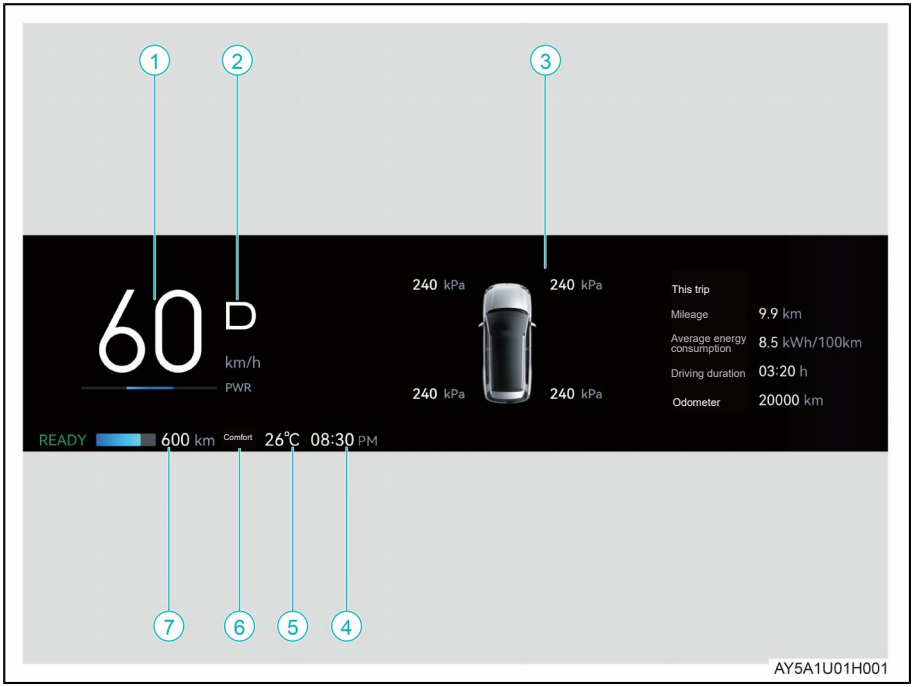
Name	Icon	Description
ABS indicator lamp		If the indicator lamp comes on, it indicates that the ABS is faulty
SRS warning lamp		If the indicator lamp comes on, it indicates that the SRS is faulty
ESP indicator lamp		If the indicator lamp comes on, it indicates that the ESP is faulty
12V low voltage battery fault warning lamp		If the indicator lamp comes on, it indicates that the 12V low voltage system is faulty
Low traction battery indicator lamp		If the indicator lamp comes on, it indicates that the traction battery is too low
		If the indicator lamp comes on, it indicates that the traction battery is too low
EPS indicator lamp		If the indicator lamp comes on, it indicates that the EPS system is faulty
EPB fault indicator lamp		If the indicator lamp comes on, it indicates that the EPB is faulty
Electric system fault indicator		If the indicator lamp comes on, it indicates that the electric system is faulty
Parking brake and brake system indicator lamp		If the indicator lamp flashes, it indicates that the brake fluid level in the front compartment is low If the indicator lamp stays on, it indicates that the EBD system is faulty

Designation	Icon	Description
Reduced-power indicator lamp		If the indicator lamp comes on, it indicates that the powertrain of the vehicle is overheated or faulty, and the vehicle is running at reduced power
TPMS indicator lamp		If the indicator lamp flashes and then stays on, it indicates that the TPMS is faulty If the indicator lamp stays on, it indicates that the tire pressure or temperature is abnormal

NOTE

- Self-test will be carried out when the vehicle starts, and some instrument panel warning lamps will come on for a short time and then automatically go out. If some warning lamps on the instrument panel are still on after the vehicle starts, please contact the GAC AION sales store for inspection and repair in time according to the actual situation.
- Some warning lamps on the instrument panel are only displayed on vehicles with relevant configurations. Please refer to the actual vehicle.

Instrument panel



① Vehicle speed information
② Gear information
③ Information display screen
④ Time information
⑤ Ambient temperature information
⑥ Drive mode information
⑦ Driving range

NOTE

- The instrument panel has many display styles. Please refer to the actual vehicle.
- The displayed speed is generally bigger than the actual speed in accordance with legal requirements.

Information display screen

The information display screen shows various details, including vehicle status, driver assistance, charging information, navigation, multimedia, and warning messages. Switch between the displayed information based on the actual vehicle status. Refer to the actual vehicle display for specifics.

How to switch instrument display themes/information

Press the steering wheel button (customized for instrument VIEW switch in the central console display settings) to switch the instrument display theme/ information. The specific display style will depend on the actual vehicle display.

How to adjust instrument brightness

Tap the central console display button to enter the "My Car" system settings interface and adjust the instrument brightness.

How to set instrument units and volume

Tap the central console display button to enter the "My Car" system settings interface and set instrument units, volume, etc.

How to reset trip odometer

In the central console display main interface, you can view and reset the trip odometer.

NOTE

- The vehicle's total mileage cannot be reset.

WARNING

- When switching instrument information while driving, pay extra attention to the safety of the surrounding area.
- Do not continuously focus on the instrument information display screen while driving, as it may cause you to miss pedestrians or objects on the road ahead, leading to accidents.

CAUTION

- If the information display screen shows abnormalities, stop the vehicle safely immediately and contact a GAC AION sales store for inspection.

Tire pressure monitoring system

The vehicle is equipped with a tire pressure monitoring system, which can monitor and issue alarms about the tire pressure.

Tire pressure monitoring system (TPMS) alarm

The tire pressure monitoring system (TPMS) will trigger an alarm in the following situations:

◇ Tire pressure is too low.
◇ Tire pressure is too high.
◇ Tire temperature is too high.
◇ Rapid tire deflation.
◇ System failure.

How to check tire pressure alarm information

If the TPMS indicator lamp flashes and then stays on, it indicates a fault in the tire pressure monitoring system (TPMS).
If the TPMS indicator lamp remains on, it indicates an abnormal tire pressure or temperature. You can switch the instrument to the vehicle status interface to view detailed information.

WARNING

- Do not rely solely on the tire pressure monitoring system (TPMS); regularly inspect the tires to ensure correct tire pressure and check for any damage, such as punctures, cuts, or cracks.
- If the tire pressure monitoring system (TPMS) indicator lamp illuminates, you must immediately reduce your speed, avoid sharp turns and sudden braking, and safely pull over as soon as possible to check the tire pressure. When the tire temperature is too high, it is recommended to stop and rest until the tire temperature decreases before continuing to drive.

CAUTION

- Some aftermarket electronic devices may cause interference, potentially preventing the tire pressure monitoring system (TPMS) from functioning correctly.
- After replacing the tire pressure sensors, changing tires, or rotating tires, if the correct tire pressure sensors compatible with the vehicle are installed, you do not need to visit the Aion sales store for re-calibration. The tire pressure monitoring system (TPMS) will automatically learn and recalibrate over the next few driving cycles.
- When the tire pressure monitoring system (TPMS) alerts you that the tire pressure sensor battery is low, it indicates that the button cell battery inside the sensor is nearing the end of its life. It is recommended to contact the Aion sales store to replace the sensor.

Vehicle start

Normally, the vehicle may be started as follows:

1. Carry the smart key with you and enter the vehicle. Then close all doors and fasten the seat belt.
2. Depress the brake pedal without release.
3. Rotate the rotary shifter to the desired gear (Not in "P" gear).
4. Release the brake pedal after the READY indicator lamp READY in the instrument panel comes on and the vehicle is started and ready for driving. Then the vehicle will drive in the selected gear.

NOTE

- Lock all doors before starting the vehicle and never open any door during driving.
- Some models can be started remotely via the AION App.

Switching of driving modes

This vehicle allows multiple driving modes, which can be switched according to specific application scenarios.

Switching of driving modes

After the vehicle power supply is switched on, switch the driving modes through the center console display.

◇ Comfort mode

- The most suitable combination of steering effort, acceleration response, and braking response for daily driving

◇ Sport mode

- Agile performance response, with steering effort, acceleration response, and braking response more focused on driving pleasure

◇ Economy mode

- Economy mode operates in single-pedal mode, allowing the driver to accelerate and decelerate by pressing and releasing the accelerator pedal. In single-pedal mode, the energy recovery rate is high, significantly extending the vehicle's range, especially suitable for urban driving conditions.

◇ Extreme energy saving

- In extreme energy saving mode, the vehicle operates with the lowest energy consumption, which can extend the driving range, making it suitable for use when the battery level is low.

NOTE

- When extreme energy saving mode is activated, the air conditioning enters ECO mode, and some comfort features may become unavailable.

Coasting energy recovery

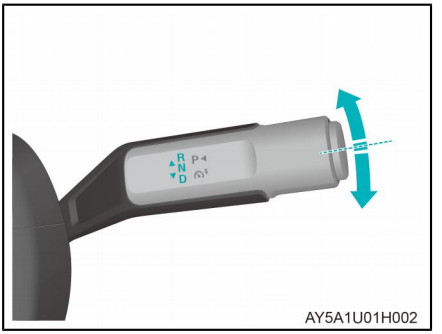
Coasting Energy Recovery converts part of the kinetic energy during braking or coasting into electrical energy for the battery, thereby extending the vehicle's range.

The driver can enable or disable coasting energy recovery via the central console display. When energy recovery is enabled, the higher the recovery rate, the stronger the braking sensation when releasing the accelerator pedal.

WARNING

- If the vehicle begins to roll on a slope, press the brake pedal to stop the vehicle. The driver is responsible for constantly monitoring the vehicle's condition to avoid potential accidents.
- The deceleration caused by energy recovery cannot replace conventional braking. You must press the brake pedal for deceleration and stopping.
- Use the energy recovery function cautiously when driving on icy or snowy roads to prevent vehicle skidding.

Gear shifting



AY5A1U01H002

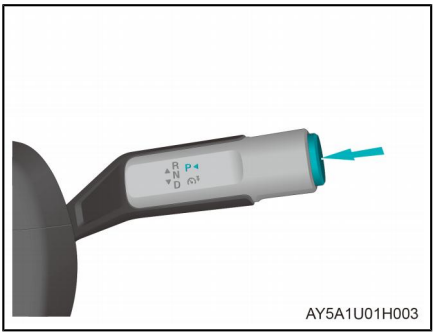
P: parking gear

R: reverse gear

N: neutral gear

D: drive gear

Switch on the vehicle power supply, close the doors, fasten the seat belt, depress the brake pedal, and rotate the rotary shifter to the desired gear. After the gearshifting, the current gear information will be displayed in the instrument panel.



AY5A1U01H003

After the vehicle comes to a full stop, press the "P" button to shift to "P" position. Then the EPB is automatically enabled.

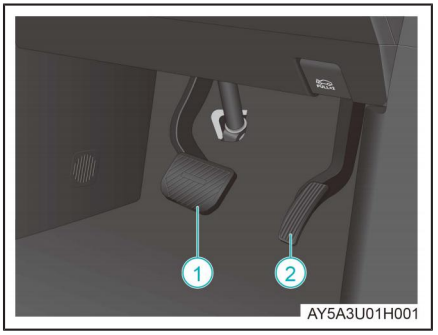
WARNING

- Never allow the vehicle to coast in neutral gear.
- During temporary stop in "N" gear, be sure to apply the parking brake or step on the brake pedal; otherwise the vehicle may slide, causing an accident.

NOTE

- When the vehilce is not completely stationary, for shifting from "D/R/N", the rotary shifter shall be moved and held for no less than 2 s. Otherwise, shifting to N will fail.

Pedal



① Brake pedal
② Accelerator pedal

WARNING

- Never place any items in the driver's footwell to prevent sliding into the pedal area, hindering the driver to operate the pedal, and thus resulting in a traffic accident.
- Before driving the vehicle, be sure to check that all pedals can be depressed to the floor and released smoothly at any time.
- The driver must wear suitable shoes which are sensitive to pedal movement.
- Never rest your foot on the brake pedal while driving the vehicle; otherwise the brake temperature will rise abnormally and the brake linings will wear excessively, increasing the braking distance.
- Continuous application of the brake will cause brake overheating and result in braking performance degradation and even braking failure.

NOTE

- In case of braking circuit failure, the brake pedal requires longer pedal travel to stop the vehicle. Please step on the brake pedal hard and deeply.
- When the vehicle climbs down a long or steep slope, it is recommended to activate the I-PEDAL mode to brake with the drive motor and reduce the brake load.

Brake assist control system

Service brake

CAUTION

- If sharp metallic friction sound is emitted during braking, the brake linings may be close to the wear limit, and it is recommended to contact the GAC AION sales store for inspection and repair in time.
- If the vehicle vibrates or buffets continuously during braking, it is recommended to contact the GAC AION sales store for inspection and repair in time.

NOTE

- Under certain driving and weather conditions, squeaks, screams, or other noises may be heard from brakes when the brake pedal is depressed for the first time or lightly stepped on, or braking noise during light or moderate braking, especially for new vehicles (as their brakes have not undergone running-in), which is normal, and does not constitute a failure symptom of braking system nor has effects on the braking safety and performance.
- Under normal driving conditions, the dust accumulation due to brake wear will not affect the braking performance.
- If rust and corrosion exist because the brake linings and brake discs are not used or used rarely, noise may be heard from brakes for the first use. This is normal. Safe areas and good road conditions are recommended for braking the vehicle several times to clean the brake linings and brake discs.

Anti-lock braking system (ABS)

ABS prevents wheel lockup when you apply the maximum braking force. Under most of the road conditions, the steering control performance of the vehicle can be improved during emergency braking.

During emergency braking, ABS continuously monitors the speed of each wheel and automatically adjusts brake pressure according to the lockup state.

During operation of ABS, you may perceive sounds or vibration, which indicates that ABS is working and is normal. Don't panic.

WARNING

- The driver should always maintain the safety distance from the vehicle ahead and master the dangerous situation during driving. Although ABS can improve the braking distance, it cannot go beyond the physical law, and also cannot prevent the danger due to tire slip (when the water layer between the road surface and the tire prevents direct contact between the tire and road surface).

Electronic brake force distribution (EBD)

During normal braking, the EBD balances the distribution of braking force on front and rear wheels according to the vehicle load, in order to achieve the shortest braking distance under the premise of stable braking. This improves the stability and operability of the vehicle during braking, especially during driving on poor or wet and slippery roads.

Electronic stability program (ESP)

The electronic stability program (ESP) determines the driving intention of the driver according to the steering wheel angle and the vehicle speed, and compares it with the actual driving condition of the vehicle continuously. In case of departure from normal driving route (such as in case of sideslip), ESP makes correction by applying braking force and limiting torque output to the corresponding wheel to ensure the stability of the vehicle.

The ESP system is enabled by default after the vehicle is started. For some models, the ESP system can be enabled or disabled on the center console display.

WARNING

- The ESP system will work when the vehicle is running, and it should be turned on for driving safety. The ESP function can be disabled under the following special circumstances:
  - The vehicle is equipped with anti-skid chains.
  - The vehicle is running in deep snow or on soft surfaces.
  - The vehicle is stuck on a muddy road and needs to be moved back and forth.

Electronic Anti-rollover System

The Electronic Anti-rollover System prevents rollover by active braking interventions at the wheels when a dangerous situation of vehicle rollover is detected, thus reducing the lateral tire forces.

Hill-start Hold Control (HHC)

The hill-start hold control (HHC) is mainly used to help the driver to pull away successfully on a steep slope.

When the vehicle is stationary, the HHC detects whether the vehicle is on a slope through the longitudinal acceleration sensor. Subsequently, when the vehicle goes up the slope from the stationary state (through forward traveling or reversing), the HHC will automatically enter the working state. At start, when the driver releases the brake pedal, the HHC will maintain the previous brake pressure to ensure that the vehicle remains still and gradually reduce the brake pressure with the increase of driving torque to realize the effect that the vehicle does not slide in the opposite direction without application of parking brake, which greatly facilitates vehicle starting and pedal operation.

On the premise of meeting the following conditions, if the driver depresses the brake pedal with the vehicle stopped, the HHC is activated:

- ◇ The accelerator pedal is not depressed.
- ◇ The vehicle is stationary.
- ◇ The EPB is not applied.

Hill descent control (HDC)

The hill descent control (HDC) system assists the driver in descending slopes at low speeds through active braking. If the HDC system detects wheel slippage, the ESP system actively intervenes to help the driver descend safely and smoothly. The HDC function operates within a speed range of approximately 8-35 km/h. Within this range, you can adjust the speed by pressing or releasing the accelerator or brake pedal. The speed is controlled when the accelerator or brake pedal is released. The hill descent control (HDC) indicator lamp will flash when the HDC system is active. You can enable or disable the HDC system via the central console display. When the vehicle speed is below 35 km/h and HDC is activated, the HDC indicator lamp on the instrument cluster will illuminate. When the vehicle speed exceeds 60 km/h, the HDC system will deactivate, and the HDC indicator lamp on the instrument cluster will turn off.

Hydraulic brake assist (HBA)

HBA assists the driver in emergency braking. It determines whether full braking is required based on the speed at which the driver depresses the brake pedal. As long as the driver depresses the pedal to the floor all the time, the HBA will

automatically increase the braking force to the threshold at which the ABS activates. If the driver releases the brake pedal, the HBA will reduce the braking force to the specified value.

WARNING

- The hydraulic brake assist (HBA) system can enhance your driving safety, but it cannot override the laws of physics. Adjust your driving speed according to road conditions and traffic regulations.

Cooperative regenerative brake system (CRBS)

The cooperative regenerative brake system (CRBS) combines motor feedback torque and hydraulic braking torque to meet the driver's braking demand. When the driver presses the brake pedal, the motor feedback torque and hydraulic braking torque work together to control the braking request.

WARNING

- Always adjust the vehicle speed according to weather, road and traffic conditions. Never risk driving merely by virtue of the additional safety functions provided by the brake assist control systems, so as to prevent accidents.
- Electronic stability program (ESP) cannot go beyond the physical limit of road adhesion; be careful during driving on a wet and slippery road or with a trailer coupled.
- The driver should adjust the driving style at any time according to the road and traffic conditions.

CAUTION

- Improper operation or modifications (such as modifications to the brake system, wheels, tires and other components) of the vehicle will affect the function of ESP and ABS.

CAUTION (Cont'd)

the function of ESP and ABS.

- Improper operation or modifications (such as modifications to the brake system, wheels, tires and other components) of the vehicle will affect the function of ESP and ABS.
- Tires of specified specifications and size must be used. If the tire size is incorrect, or the size of the tires is inconsistent, the ABS may not function.
- When the instrument has an alarm related to the HDC system, you need to pay attention to safe driving. If you need to restore the function, you need to stop until the brake temperature cools.

NOTE

- In case of failure in ABS, the normal braking system can still work normally, but braking characteristics have changed.
- In some special working conditions such as a long slope, the HDC function may be temporarily unavailable due to high brake temperature.

Acoustic vehicle alerting system of electric vehicle running at low speed

During driving at low speed, the acoustic vehicle alerting system sounds the warning chime to warn pedestrians and vehicles to improve driving safety.

Acoustic vehicle alerting system alarm

The system sounds the warning chime when the vehicle runs forward at the speed of not more than 25 km/h.

WARNING

- The acoustic vehicle alerting system can only be turned off when there are no other road users within a short distance and the surrounding environment clearly does not need a beep.

AUTO HOLD

AUTO HOLD can help you keep the vehicle stationary after the braking, without the need of setting the gear lever to "N"/"P" position or apply the parking brake. When you need to drive again, just depress the accelerator pedal.

AUTO HOLD activation conditions

When the following conditions are met, AUTO HOLD can be activated:

- ◇ The vehicle has been started.
- ◇ The driver has fastened the seat belt.
- ◇ All doors have been closed.
- ◇ The vehicle is stationary.

Activating and deactivating AUTO HOLD

After meeting the conditions for Auto Hold activation, you can enable or disable the Auto Hold function by accessing the "My Car" chassis power interface on the central console display via the button, and taping the Auto Hold soft key. Once the function is activated, the indicator lamp below the Auto Hold soft key will illuminate.

Use of AUTO HOLD

With AUTO HOLD activated, after braking through depressing the brake pedal deeply, the indicator lamp (P) in the instrument panel will come on, indicating that the AUTO HOLD function is working. At this time, if the brake pedal is released, the vehicle will remain stationary, and after the accelerator pedal is depressed, the vehicle will drive.

CAUTION

- When driving into a mechanism such as a vehicle washing device that transports the vehicle with a conveyor belt, be sure to deactivate the AUTO HOLD function.

NOTE

- When the Auto Hold function is active, opening the driver's door or unfastening the driver's seatbelt will deactivate the Auto Hold function.
- When the Auto Hold function is active, applying the electronic parking brake (EPB) manually, the Auto Hold function will be deactivated.
- After stopping the vehicle with the Auto Hold function enabled, if the brake pedal is not pressed firmly, the Auto Hold function will not activate.
- Once the Auto Hold function is activated, pressing the brake pedal again or pressing the accelerator pedal will deactivate the Auto Hold function.

Light control

Activating auto headlamp

Switch on the vehicle power supply, tap the AUTO headlamp soft key on the my light system interface on the center console display to automatically turn on the lamp.

If the auto headlamp function is activated, the position lamp and the low beam will be turned on or off automatically according to the ambient light.

Turning on headlamp

The headlamp is an important illumination tool for nighttime driving. Please turn on the headlamp during nighttime driving.

The headlamp consists of a low beam and a high beam, which should be switched reasonably according to the actual road condition and the driving environment.

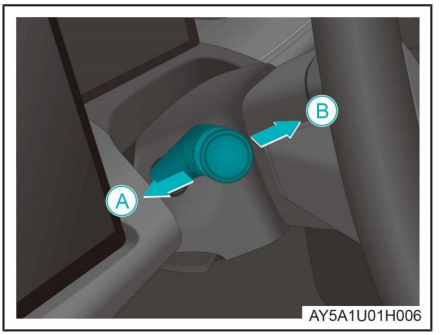
Switch on the vehicle power supply, tap the low beam soft key on the my light system interface on the center console display to turn on the low beam.

If the auto headlamp function is activated, the low beam will be turned on or off automatically according to the ambient light.

Headlamp leveling

According to the actual vehicle condition, the low beam height can be adjusted via the my light system interface.

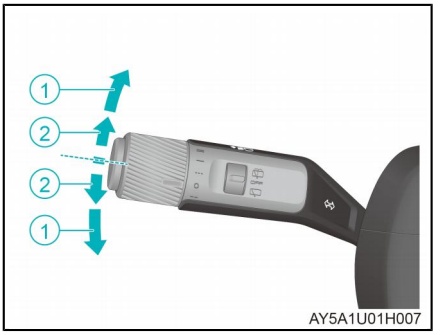
High/low beam switching



After the headlamp is on, push the light/wiper control lever in the direction of arrow A to switch the headlamp to the high beam, and pull back the light/wiper control lever in the direction of arrow B to turn off the high beam.

Repeatedly pull the light/wiper control lever in the direction of arrow B and reset it to switch between the high beam and the low beam in order to remind other traffic participants (such as when meeting, overtaking or crossing an intersection).

Turn signal lamp



Turn signal: Move the light/wiper control lever to ① position. After you release it, the light/wiper control lever will automatically return and the corresponding side turn signal lamp will flash continuously. After the steering wheel returns, the turn signal lamp will turn off automatically.

When the steering wheel angle is too small, the turn signal will not automatically turn off. Slightly flip the light/wiper control lever in the opposite direction to ② position, and the turn signal will turn off.

Lane change signal: Move the light/wiper control lever to ② position slightly. After you release it, the light/wiper control lever will return automatically, and the corresponding side turn signal lamp will flash 3 times.

Turning on fog lamp

Tap the rear fog lamp soft key  on the My Car light system interface on the center console display, and the rear fog lammp and the headlamps will be turned on simultaneously.

Turn on the position lamp

Power on the whole vehicle, and tap the position lamp soft key  on the My Car light system interface on the center console display to turn on the position lamp.

The position lamp will automatically turn on or off according to the ambient light, after the automatic light function is enabled.

Daytime running lamp

The daytime running lamp is turned on automatically when the vehicle is started and the headlamp is not on, to enable other traffic participants to detect your vehicle easily.

The daytime driving lamp can be turned on or off via the center console display, when the vehicle is started and the gear is in "P".

WARNING

- Please use the light reasonably according to the road condition and the driving environment.
- The high beam may cause dazzling to drivers of oncoming vehicles at close range, which may easily cause accidents. Therefore, please use the high beam reasonably.

WARNING (Cont'd)

- When the vehicle is passing a sharp turn, hill, arch bridge, crosswalk or intersection without traffic lights, the high and low beams should be turned on alternately for warning.

NOTE

- In some humid conditions (such as high air humidity, vehicle washing, etc.), the inside of the lamp may be covered with a layer of fog or even a small amount of water drops. This is caused by water mist that is generated due to that humid air enters the inside of the lamp through the vent hole, and the temperature of the lamp lens is relatively low, which is similar to the fogging of vehicle windows on rainy days. This is a normal physical phenomenon and will not affect the function and service life of the lamp.
- When the vehicle is in a dry environment or the lamps are turned on, the water vapor will gradually evaporate, and there may be residues only at the corners of the lamps, but the fogging phenomenon may appear repeatedly.
- If there are a lot of water drops or accumulated water in the lamps, please contact the GAC AION sales store for inspection and repair.
- If you forget to turn off the position lamp, it will automatically go out after the vehicle power supply is turned off for a while or the vehicle enters the anti-theft state, in order to save the battery power.
- If one turn signal lamp on the vehicle fails, other turn signal lamps on the corresponding side and the corresponding turn signal indicator lamp in the instrument panel will flash at a higher frequency.
- After a collision, all turn signal lamps and turn signal indicator lamps will flash at the same time.
- The windshield should be replaced together with the RLS.
- The automatic lamp on/off function may not be activated in the haze environment, so please manually turn on the lamps in this case.
- When the headlamps/position lamps are on and the vehicle enters the Rest Mode/ Theater Mode, the headlamps/position lamps will go off automatically. When the vehicle exits the Rest Mode/Theater Mode, the headlamps/position lamps will turn on. Under the Rest Mode/Theater Mode, you can restore the exterior lights via the light/wiper control lever.

NOTE (Cont'd)

Intelligent headlight control (IHC) system

The vehicle will automatically switch between high and low beams according to the driving environment, after the IHC system is enabled.

Activate and deactivate the intelligent headlight control (IHC) System

The intelligent headlight control (IHC) system can be activated or deactivated via the central console display.

When the headlight switch is set to AUTO mode and the low beams are on, pulling the light and wiper control lever towards the steering wheel for 2 seconds will activate or deactivate the IHC system.

How to use the IHC system

1. Activate the intelligent headlight control (IHC) system.
2. After enabling AUTO mode for the headlights via the central console display and the low beams are automatically turned on, the IHC system will be ready for operation, indicated by the instrument panel light . The vehicle will automatically switch between high and low beams based on the driving environment, with the corresponding indicator lamp on the instrument panel.

System limitations

The IHC system may not work normally under the following circumstances (not exclusive):

◇ The vehicle speed is low.

◇ The fog lamps are turned on.

◇ The wipers are enabled to the HI position and work continuously for a while.

◇ The driving environment is bright.

◇ Under intense driving conditions (e.g. emergency braking and sharp turns).

◇ The turn signal lamp is turned on.

◇ The windshield glass in front of the camera is covered by a foreign body.

◇ There is a highly reflective object on a low-lit street.

◇ The vehicle encounters pedestrians or bicycles on a road with poor lighting.

◇ The light of the oncoming vehicle is blocked (e.g. a crash barrier, a high central road fence, and a green belt).

◇ The brightness of the tail lamps of the lead vehicle is low or does not comply with national standards when the vehicle is following the lead vehicle.

◇ The vehicle travels on a road with sharp turns, a mountain road, or an uneven road.

◇ The vehicle travels on a slope or a bumpy road.

◇ The vehicle travels in extreme weather, such as heavy rains, snow, and fog.

◇ System failure.

WARNING

◆ The IHC system is a driver assistance function, which can help you select the lighting best suitable for the actual condition.

◆ The driver shall always be responsible for manual switching between the high and low beams under traffic and environmental conditions.

CAUTION

◆ The IHC may not be able to correctly identify all driving environments and cannot work normally in some environments.

CAUTION (Cont'd)

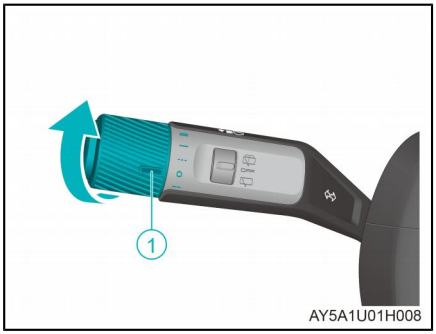
- If the camera is blocked by dirt, stickers, ice, or snow, the IHC may not work.
- If the vehicle lighting system is changed (e.g. the headlamp is modified), the IHC performance may be degraded or the function may not be available.

NOTE

- In the case of oncoming non-motor vehicles such as bicycles and electric bicycles, the IHC system shall be turned off in time to prevent dazzling.
- The high beam and high beam flash functions can be manually turned on or off at any time.
- You will exit the IHC system, after manually turning on the high beam or headlamp flash function.
- You will exit the IHC system, after disabling the automatic headlamp function.

Wiper control

Operation of front wiper



Turn the wiper control knob up or down from the O position, so that the front wiper position icons are aligned with the wiper control knob position reference icons ① in turn, and the front wiper mode can be selected. The specific control is as follows:

◇ ═ : the front wiper operates at a high speed.

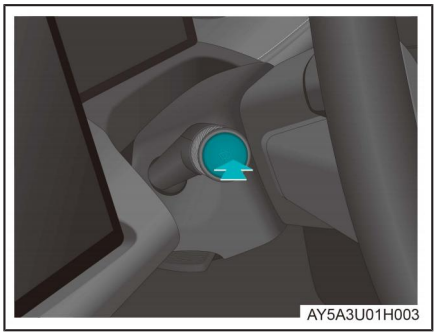
◇ — : the front wiper operates at a low speed.

◇ --- : the front wiper operates intermittently.

◇ O : the front wiper is turned off.

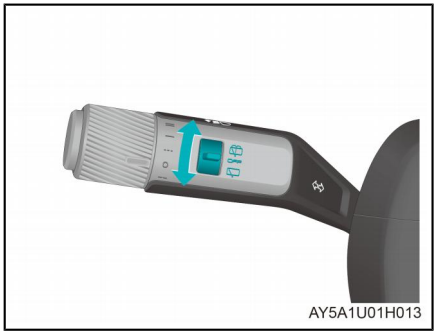
◇ -- : manual wiping. Set the wiper control lever to this position and hold it to achieve continuous operation of the front wiper. After being released, the wiper control lever returns to OFF position O , and the front wiper stops.

Front windshield washing



Press the front wiper washer button to have the front washer nozzle spray washer fluid. After the wiper control lever is released, the front washer nozzle stops spraying the washer fluid, the wiper operates several times, and then operates once after a period of time and stops.

Rear wiper and washing



Toggle the rear wiper switch up or down from OFF position to select a wiping mode for the rear wiper. Details are as follows:

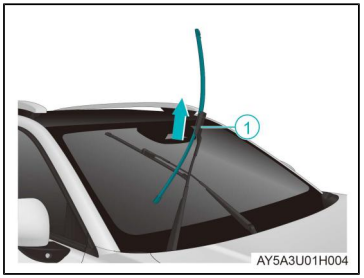
◇ : Wash with rear wiper: Toggle the rear wiper switch to this icon and keep it still. The nozzle of the rear wiper will spray washer fluid and the wiper will wipe. Loosen the switch to let the rear wiper switch restore to the original position.

◇ OFF: Turn off the wiper.

◇ : Turn on the wiper.

Replacing wiper blades

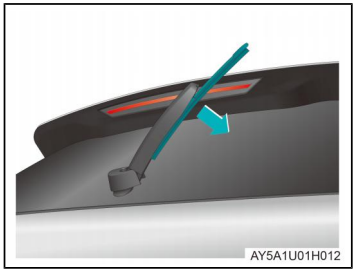
1. Activate the wiper maintenance mode via the center console display. Then the front wiper blade will move to the highest position and then stop.
2. Pull up the wiper arm from the front windshield.



3. Press the wiper blade lock button ① , and remove the wiper blade as arrowed.
4. Install the wiper blade in reverse step.
5. Gently put the wiper arm back into the windshield.
6. Deactivate the wiper maintenance mode via the center console display. Then the front wiper blade will return to the original position automatically.

Replace the rear wiper

1. Pull up the wiper arm from the rear windshield.



2. Pull out the wiper blade in the direction of the arrow to remove it.
3. Assemble the new wiper blade by following the steps opposite to removing it.
4. Gently put the wiper arm back onto the windshield.

WARNING

- Check the wiper blades regularly. Check the rubber for cracks or local hardening. If these phenomena occur, the wiper blade should be replaced, otherwise, a stripe will be left after wiping or the windshield will not be wiped cleanly, affecting the driver's vision.

CAUTION

- Do not open the hood when the front wiper arm is pulled up; otherwise the hood and the front wiper arm may be damaged.
- After the wiper blade is replaced, hold the wiper arm by hand and place it on the windshield slowly, so as to avoid damage to the windshield due to quick placement.

CAUTION (Cont'd)

- After the wiper blade is removed, the wiper arm should be kept upright to avoid damage to the windshield due to fall of wiper arm.

NOTE

- Before entering the wiper maintenance mode, close the hood, otherwise the wiper maintenance mode cannot be activated.
- In cold days in winter or in hot days in summer, the wiper maintenance mode may be activated, and the front wiper should be lifted up from the front windshield.
- The automatic wiping function may be activated or deactivated via the center console display. If the function will be activated when the wiper control lever is set to --- position.
- For some models, wiper scraping and washing can be controled via speech control.
- For some models, the wiper maintenance mode can be enabled and disabled via speech control.
- The rear wiper cannot wash when the liftgate is opened.
- When the liftgate is closed, the front wiper is turned on, and the gear is switched to "R", the rear wiper will wipe synchronously with the front wiper.

Forward collision mitigation (FCM) assist

The forward collision mitigation (FCM) assist system uses a millimeter-wave radar installed at the front of the vehicle and a camera on the front windshield to detect objects ahead, assess the relative distance and speed between the objects and the vehicle, and evaluate the risk of a collision based on the driver's other actions (e.g., pressing the brake or accelerator pedal). If there is a collision risk, the system will alert the driver to take control. If a collision is imminent, the system will automatically apply the brakes. If the driver is braking but the braking force is insufficient to avoid the collision, the system will increase the braking force to prevent or mitigate the collision.

Activate and deactivate the forward collision mitigation (FCM) assist system

When the vehicle is started, the forward collision mitigation (FCM) assist system automatically activates both the warning and braking functions. The system can also be configured to only activate the warning function or to be turned off entirely via the central console display. When the forward collision mitigation (FCM) assist system is deactivated, the corresponding indicator lamp on the instrument panel will illuminate. When the vehicle speed is ≥8 km/h, the forward collision mitigation (FCM) assist system cannot be adjusted.

FCW

Setting warning timing

◇ After the forward collision mitigation (FCM) assist system is activated, the warning timing can be set to "Far", "Medium", or "Near" via the central console display.

Warning types

◇ Warning distance

- The distance warning is triggered when the vehicle is following another vehicle too closely at a stable speed, presenting a moderate collision risk. The instrument panel will display the corresponding target in yellow, accompanied by a warning sound (if equipped).

◇ Collision warning

- When the imminent collision warning is triggered by the forward collision mitigation (FCM) assist system, the corresponding target will be displayed in red on the instrument panel, accompanied by a warning sound.

◇ Brief braking

- If a high collision risk is detected at a relatively high speed, the system will trigger brief braking to alert the driver to immediately apply emergency braking.

Autonomous emergency braking (AEB)

Levels of autonomous emergency braking

◇ Level 1 braking: Brief braking when approaching the vehicle ahead.

◇ Level 2 braking: Mild automatic emergency braking as the vehicle gets closer.

◇ Level 3 braking: Full-force automatic braking when a collision is nearly unavoidable.

System limitations

The forward collision mitigation (FCM) assist system may not function properly under certain conditions, including but not limited to:

◇ The vehicle ahead has a very high ground clearance, such as a semi-trailer.

◇ The rear of the vehicle ahead is low, such as a low-platform trailer.

◇ The vehicle ahead has an irregular shape, such as a tractor or tricycle.

◇ Sudden changes in ambient brightness, such as at the entrance or exit of a tunnel.

◇ The rear of the vehicle ahead is small, such as an empty truck.

- ◇ The detected object ahead makes sudden acceleration or deceleration, or turns.
- ◇ The detected object ahead suddenly cuts in front of your vehicle at a close distance.
- ◇ The vehicle ahead is a bicycle with an unusual shape, such as a child's bicycle or a tandem bike.
- ◇ The vehicle ahead is transporting objects that extend beyond its rear bumper.
- ◇ Driving at extremely high speeds.
- ◇ Driving on slopes.
- ◇ Driving on narrow curves.
- ◇ The accelerator pedal is pressed deeply, or the vehicle is rapidly accelerating.
- ◇ The auxiliary function is turned off or is malfunctioning.
- ◇ The Electronic stability program (ESP) function has been manually turned off.
- ◇ The vehicle enters ESP control mode.
- ◇ The area around the intelligent front camera or radar sensor is dirty or obstructed.
- ◇ The vehicle is reversing.
- ◇ Driving in chaotic traffic conditions.
- ◇ Towing another vehicle.
- ◇ Pedestrians are standing on a traffic island or in a curve.
- ◇ Pedestrians are partially or fully obscured by other objects, such as a worker holding a ladder or a pedestrian with an umbrella.
- ◇ Pedestrians are wearing unusual clothing or masks, such as carnival costumes.
- ◇ The height of the pedestrian or cyclist ahead is less than 1 meter or greater than 2 meters.
- ◇ Pedestrians or cyclists are wearing oversized clothing (e.g., raincoats or long skirts) that obscures their silhouette.
- ◇ Pedestrians are pushing a stroller, wheelchair, bicycle, or other vehicles.
- ◇ Pedestrians are bending down, squatting, or cyclists are leaning forward.
- ◇ Poor visibility conditions, such as sunset, nighttime, snow, heavy rain, sandstorms, fog, or glare.
- ◇ Driving through steam or smoke.
- ◇ The vehicle is skidding, or driving on gravel roads or other slippery surfaces.

Situations that may trigger system activation when no collision is imminent:

- ◇ A detectable object pattern is present in front of the vehicle.
- ◇ The vehicle is overtaking or changing lanes with a vehicle to the right or left.
- ◇ The vehicle is overtaking a vehicle preparing to turn right or left.
- ◇ A detectable object is present at the curve entrance.
- ◇ The vehicle changes lanes while overtaking a detectable object.
- ◇ The vehicle approaches a detectable target on a winding road or while changing its driving route.
- ◇ Driving under gantries, billboards, road signs, etc.
- ◇ Approaching metal objects like manhole covers, steel plates, steps, or bumps.
- ◇ Approaching objects such as utility poles, guardrails, or trees near the roadside.

◇ Approaching parking lot barriers or other foldable barriers.
◇ Driving near objects that reflect radio waves, such as TV towers, radio stations, power plants, etc.

The forward collision mitigation (FCM) assist system cannot always accurately detect objects and complex traffic situations. In such cases, the system may:

◇ Issue warnings or brake unnecessarily.
◇ Fail to issue warnings or brake when necessary.

WARNING

- The forward collision mitigation (FCM) assist system is merely a driving assistance feature that can enhance your driving safety but cannot defy the laws of physics. Do not use the convenience provided by the FCM assist system to engage in risky driving. Drivers must always drive cautiously, be prepared to apply the brakes, reduce speed, or avoid obstacles.
- The FCM assist system only triggers warnings and collision mitigation for vehicles, pedestrians, and two-wheelers detected by the radar sensors and cameras, meaning it may not react or may have a delayed reaction. Do not wait for the FCM assist system to alert you or intervene with braking; drivers must apply the brakes proactively when necessary. You always bear the ultimate responsibility for safe driving and must comply with current traffic laws and regulations.
- The FCM assist system provides warnings and limited braking to help reduce collision injuries but cannot entirely prevent accidents or injuries.

WARNING (Cont'd)

Drivers must maintain control of the vehicle at all times, drive cautiously, and take full responsibility for their driving behavior.

- The FCM assist system's detection capabilities cannot replace the driver's attention and judgment.
- Although the FCM assist system is designed to help drivers avoid collisions or mitigate collision injuries, the system's effectiveness may vary depending on road conditions and driving behavior. Therefore, the system may not always perform at the same level; do not overly rely on this system and always drive cautiously.
- Do not attempt to test the FCM assist system's functionality yourself. The system may not operate correctly depending on the characteristics of the detected objects (e.g., fake vehicles, fake pedestrians, or simulated detectable objects like cardboard cutouts) and the surrounding ambient light, leading to unnecessary accidents.
- In certain situations, if the FCM assist system is triggered (either warning or active braking), forcefully pressing the accelerator pedal or turning the steering wheel will signal to the system that the driver is taking evasive action, potentially canceling the system's intervention.
- Avoid using the system under the following conditions, as it may not function properly and could result in unnecessary accidents or injuries:
  - When towing a vehicle.
  - When the vehicle is being towed.
  - When the vehicle is on a dynamometer, such as during vehicle inspections.

WARNING (Cont'd)

- When tires are improperly inflated or excessively worn.
- When tire chains are installed.

CAUTION

- If the FCM assist system malfunctions (e.g., repeatedly triggers incorrectly), please disable the system and promptly visit a GAC Aion sales store for inspection and repair.

NOTE

- Pressing the accelerator pedal or turning the steering wheel will terminate the forward collision mitigation (FCM) assist system's alert.
- The FCM assist system operates within a speed range of 8 km/h to 120 km/h. For pedestrians and two-wheelers, the FCM assist system functions between 10 km/h and 80 km/h; for vehicles, the system operates between 10 km/h and 120 km/h. For pedestrians and two-wheelers, the active braking feature performs reliably between 10 km/h and 65 km/h; for vehicles, it performs reliably between 10 km/h and 80 km/h. Between 80 km/h and 120 km/h, the FCM assist system may not prevent a collision but can provide a collision warning.

Rear collision warning

The rear collision warning system is a driving assistance feature that continuously monitors the area behind the vehicle. When it detects a rapidly approaching vehicle with a collision risk, the hazard warning lamp will flash quickly to alert the vehicle behind.

Activation and deactivation

You can enable or disable the rear collision warning system through the central console display.

System limitations

The rear collision warning system may issue unnecessary alerts in certain situations, including but not limited to:

- ◇ When the radar sensor or its surrounding area is misaligned due to a strong impact.
- ◇ When the distance between your vehicle and the one behind is very close.
- ◇ When driving in narrow lanes, or when vehicles in adjacent lanes outside the detection area enter the detection zone.
- ◇ When driving on sharp curves, continuous curves, or uneven roads.
- ◇ When your vehicle is too close to objects that can reflect radar waves towards the rear of the vehicle, such as guardrails, walls, or traffic signs.

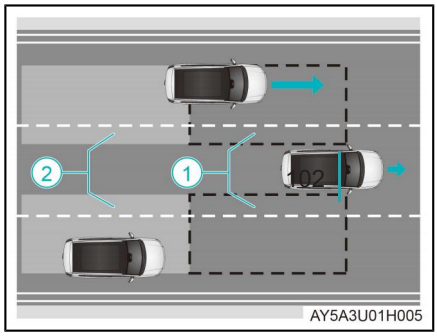
⚠ WARNING

- The rear collision warning system is a driving assistance feature and does not replace the driver's responsibility to monitor traffic conditions. The driver should always be vigilant about the surrounding environment.

⚠ WARNING (Cont'd)

- The rear collision warning system cannot detect objects behind other vehicles or obstacles.
- When a vehicle is approaching too quickly from behind, the system may not be able to issue a timely alert.
- If the driver has already activated the hazard warning lamp, the system will not trigger an alert.

Blind spot detection



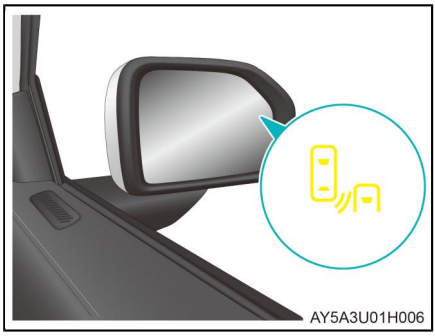
① Blind area of view of adjacent lane
② The area behind the blind spot

The blind spot detection (BSD) system monitors vehicles in adjacent lanes' blind spots and the area behind the blind spots using radar sensors at the rear of the vehicle. When the system detects a vehicle rapidly approaching, it will alert the driver via the exterior rearview mirror indicator.

Activation and deactivation

You can enable or disable the blind spot detection (BSD) system through the central console display.

Warning types



While driving (at speeds greater than 15 km/h), if another vehicle enters the blind spot from behind or the side, or if a vehicle rapidly approaches from an adjacent lane, or if a vehicle enters the blind spot from the front and stays there for a while, the warning lamp on the corresponding exterior rearview mirror will light up.

If the corresponding turn signal lamp is activated, the exterior rearview mirror warning lamp will flash, a danger marker will appear on the side rear target, and the system will emit an audible alert to warn you of the lane change risk.

System limitations

The blind spot detection (BSD) system may issue unnecessary alerts in certain situations, including but not limited to:

◇ When the radar sensor or its surrounding area is misaligned due to a strong impact.

◇ When the distance between your vehicle and the one behind is very close.

◇ When driving in narrow lanes, or when vehicles in adjacent lanes outside the detection area enter the detection zone.

◇ When driving on sharp curves, continuous curves, or uneven roads.

◇ When your vehicle is too close to objects that can reflect radar waves towards the rear of the vehicle, such as guardrails, walls, or traffic signs.

In certain situations, the blind spot detection (BSD) system may not function correctly or may fail to operate, such as:

◇ When the detected target is too small, such as bicycles or electric scooters.

◇ When the target is stationary.

◇ During severe weather conditions, such as heavy rain or snow.

◇ When driving on curves, slopes, or similar roads.

WARNING

- The blind spot monitoring (BSD) system is intended to assis driver but may not be applicable in all situations.
- For safety, the driver should not rely entirely on the blind spot monitoring (BSD) system and must use the interior rearview mirror and both exterior rearview mirrors correctly.

CAUTION

- Ensure that the area around the rear bumper sensors is not covered by ice, snow, or other objects. If sensors are obstructed, the system's performance may be reduced.
- The system will automatically return to normal operation when:
  - A vehicle on the obstructed side is re-detected.
  - Turn off the power supply in the vehicle and restart it.

NOTE

- When the vehicle overtakes another vehicle ahead at a very high speed, the alarm will not be activated for the vehicle in the blind spot as the time that the vehicle stays in the blind spot is too short.
- The false alarm, if triggered, just lasts for a short time and can be corrected automatically.
- The false alarm, if triggered, just lasts for a short time and can be corrected automatically.

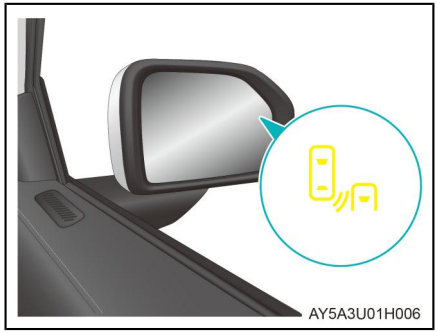
Door opening warning

After parking, the vehicle monitors the area behind it. If a vehicle or pedestrian approaches when the driver and passengers open the door, the system will issue an alert to warn of potential collisions with vehicles or pedestrians.

Activation and deactivation

You can enable or disable the door opening warning system via the central console display.

Warning types



If a vehicle or pedestrian approaches the vehicle while parked, the corresponding side exterior rearview mirror warning lamp will light up, prompting the driver and passengers to check the safety of the environment before opening the door.

If the door on the alerted side is opened, the exterior rearview mirror warning lamp will start flashing, and the system will emit an audible alert, indicating that continuing to open the door may be dangerous.

System limitations

The door opening warning system may issue unnecessary alerts or fail to issue alerts in certain situations, including but not limited to:

◇ When the radar sensor or its surrounding area is misaligned due to a strong impact.

◇ When the distance between your vehicle and vehicles on either side is very close.

◇ When the distance between your vehicle and objects reflecting radar waves towards the rear (such as guardrails, walls, traffic signs, or parked vehicles) is very close.

◇ When the door on the alerted side is open at a wide angle, blocking the side-mounted camera's view of vehicles or pedestrians behind the vehicle. (If equipped)

WARNING

- The door opening warning system is a driving assistance feature and does not replace the driver's responsibility to monitor traffic conditions. The driver should always be vigilant about the surrounding environment.
- The system cannot detect objects behind other vehicles or obstacles.
- In some situations, the system may not issue a timely alert.

NOTE

- The false alarm, if triggered, just lasts for a short time and can be corrected automatically.

Rear cross traffic alert

The rear cross traffic alert function uses radars mounted at the rear corners of the vehicle to detect blind spots on either side of the rear. When reversing, if the system detects a vehicle approaching rapidly, it will alert the driver using visual signals from the exterior rearview mirrors, audible warnings from the instrument panel, and panoramic camera images.

Activation and deactivation

You can enable or disable the rear cross traffic alert via the central console display.

Working conditions

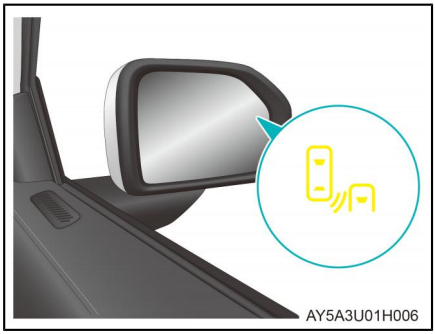
The following conditions need to be met for function activation:

◇ The system operates when the vehicle is in reverse with the gear in "R".

◇ The vehicle speed is less than 15 km/h.

◇ The system is functioning properly.

Warning types



During reversing, if the system detects a vehicle approaching rapidly from the side or rear, the warning lamp on the corresponding side exterior rearview mirror will flash, accompanied by an audible alert. The instrument panel will also show a red warning symbol for the rear danger zone, indicating that continuing to reverse may be dangerous.

System limitations

The rear cross traffic alert system may issue unnecessary warnings or fail to issue warnings in certain situations, including but not limited to:

◇ When the radar sensor or its surrounding area is misaligned due to a strong impact.

◇ When a vehicle passes by one side of your vehicle.

◇ When the parking space is facing a street with passing vehicles.

◇ When the distance between your vehicle and objects reflecting radar waves towards the rear (such as guardrails, walls, traffic signs, or parked vehicles) is very close.

WARNING

- The rear cross traffic alert is a driving assistance feature and does not replace the driver's responsibility to monitor traffic conditions. The driver should remain vigilant and maintain control of the vehicle.
- The rear cross traffic alert system cannot detect objects behind other vehicles or obstacles.
- In some situations, the system may not issue a timely alert.
- The system may not function correctly if reversing speed is too high.
- If the ESP system is faulty, the rear cross traffic alert system may not operate properly.

NOTE

- If the audible alert of the rear cross traffic alert is activated, the reverse radar alert will be suppressed. Once the audible alert ends, the reverse radar alert will resume.
- The false alarm, if triggered, just lasts for a short time and can be corrected automatically.

LDA

The lane departure assist (LDA) system uses a camera mounted on the front windshield to detect lane markings on the road. If the system detects that the vehicle is drifting out of its lane, it will issue an alert or use the electric power steering (EPS) system to correct the vehicle's direction, assisting the driver in keeping the vehicle within the lane.

Activation and deactivation

The lane departure assist (LDA) system is automatically activated upon starting the vehicle, with both the warning and steering correction functions enabled by default. You can enable or disable the lane departure assist (LDA) system via the central console display.

◇ When the lane departure assist (LDA) system is on but not activated, the lane departure assist (LDA) indicator lamp on the instrument panel will be illuminated.

◇ When the lane departure assist (LDA) system is off, the lane departure assist (LDA) indicator lamp on the instrument panel will be illuminated.

◇ When there is a malfunction in the lane departure assist (LDA) system, the lane departure assist (LDA) malfunction indicator lamp on the instrument panel will be illuminated.

Select lane departure assist (LDA) mode

After the lane departure assist (LDA) system is activated, you can select the lane departure assist (LDA) mode on the central console display as "Warning" or "Warning + Steering."

◇ When the "Warning" mode is selected, the lane departure warning (LDA) system will activate with a red marking on the corresponding lane markings on the instrument panel, accompanied by an alert sound.

◇ When the "Warning + Steering" mode is selected and the lane departure warning (LDA) system is activated, if the system only assists with steering correction, the lane markings on the instrument panel will be highlighted in blue. If the system provides both steering correction and an alert, the lane markings on the instrument panel will be highlighted in red, accompanied by an alert sound.

Select sensitivity

After the lane departure assist (LDA) system is activated, you can select the sensitivity level on the central console display as "Low", "Medium", or "High" to adjust the timing of alerts.

◇ Low: Alerts are triggered later compared to normal sensitivity under the same conditions.

◇ Medium: Normal sensitivity.

◇ High: Alerts are triggered earlier compared to normal sensitivity under the same conditions.

Working conditions

The lane departure assist (LDA) system activates under the following conditions:

◇ Vehicle speed is greater than 65 km/h.

◇ The system detects at least one valid lane marking on either side.

Operation

When the lane departure assist (LDA) system is activated, if the vehicle deviates from its lane, the system will issue warnings or perform lane correction based on the selected mode. If the lane departure assist (LDA) system is activated, if the vehicle deviates from its lane, the system will not issue warnings or perform lane correction under the following conditions:

◇ The accelerator pedal is quickly depressed for acceleration.

◇ The brake pedal is slammed for deceleration.

◇ Corresponding turn signal lamp is turned on.

◇ The hazard warning lamp is turned on.

◇ The steering wheel is turned quickly.

◇ The interval between two warnings or two lane corrections is short.

◇ The vehicle is rolling on or crossing over the lane marking.

◇ The system alerts the driver to take over the steering wheel.

Takeover prompt

When the lane departure assist (LDA) system detects that the driver's hands have been off the steering wheel for an extended period, it will issue a takeover prompt with a "Please gently steer" message on the instrument panel and a buzzer alert. (The system may mistakenly interpret lightly resting hands on the steering wheel as having no hands on it) When the system issues a takeover prompt, please take control of the vehicle as instructed to ensure safety.

System limitations

The lane departure assist (LDA) system may not function properly (e.g., produce unexpected warnings or steering actions) or may not operate under the following conditions:

◇ Restricted sensor detection scenarios.

- Excessive heat around the intelligent front camera (IFC) due to direct sunlight.
- Restricted camera detection scenarios, such as changes in installation position, dirty, damaged, or fogged windshield, obstructions in the camera area, or debris such as water spray and dust from vehicles ahead.
- Restricted radar detection scenarios, such as changes in installation position or radar obstructions.
- Adverse weather conditions, such as heavy rain, snow, sandstorms, dense fog, smog, or dust storms.
- Sudden changes in lighting conditions, such as direct sunlight, headlights from oncoming traffic, reflections from water on the road, or entering/exiting tunnels.
- Poor lighting conditions, such as dawn, dusk, dark tunnels, or roads without street lighting at night.

◇ Complex road environments.

- Scenarios with new or old lane markings.
- Absence of lane markings or scenarios where lane markings are worn, covered, overlapped, or unusually colored, such as crossroads without lane markings, road forks, or road merges.
- Lanes that are too wide or too narrow.
- High-speed driving through sharp curves.
- Significant longitudinal or lateral slopes in the driving area.
- Changes in the number of lanes in the driving area.
- Sudden changes in the direction of lane markings ahead, such as lane merges or sudden changes in lane width.
- Markings or objects on the road that affect lane recognition, such as skid marks, road seams, road guide lines, or projections from barriers, guardrails, overpasses, or other objects near lane markings.
- Congestion where the distance to the vehicle ahead is too close or where the vehicle ahead is driving over lane markings, obstructing lane markings.

- Severe vehicle shaking due to road bumps.
- Slippery, icy, or water-covered roads, or crosswinds causing unstable vehicle conditions.

◇ Other conditions affecting system performance:

- Vehicle overload.
- Poor vehicle maintenance, such as excessive brake or tire wear, abnormal tire pressure, or misalignment.
- Modifications made by the driver to the vehicle, such as replacing the steering mechanism, body electronic stability system, or other execution-related components, or painting the front bumper, which may degrade the performance of the forward radar.

WARNING

- Lane departure assist (LDA) is an assistance system and cannot actively control the vehicle to change lanes or maintain lane positioning. The driver is always responsible for monitoring road conditions and actively controlling the vehicle. Always keep your hands on the steering wheel and maintain control of the vehicle.
- Improper use or negligence with the lane departure assist (LDA) system may lead to accidents. Do not rely on the system or use it to engage in dangerous driving practices.
- LDA may not always detect lane markings. Adverse weather, poor nighttime lighting, standing water or snow on the road, worn or obscured lane markings, and shadows cast on the road may cause the system to miss or incorrectly identify lane markings. Therefore, the driver must remain focused on observing road and traffic conditions and drive cautiously.

WARNING (Cont'd)

- Avoid subjecting the camera to strong impacts, moisture, or heat, and do not attempt to disassemble the components yourself. Do not place reflective objects on the dashboard, as they may not only cause glare for the driver but also reflect light into the camera's detection range, affecting the system's normal operation.
- The system can only apply limited steering assistance and cannot guarantee that the vehicle will be corrected back into the lane in all situations.
- Interior or exterior noises may prevent you from hearing the warning chime, so the system cannot guarantee that it will alert you in all circumstances.
- If LDA detects that the driver's hands have been off the steering wheel for an extended period or that the vehicle is unintentionally departing the lane, it will issue a warning or intervene by providing corrective steering assistance. Do not panic or make unnecessary sudden steering movements.
- When LDA intervenes with corrective steering assistance, the driver can still steer the vehicle. If the driver determines that the corrective force applied by the system is inappropriate, they can always control the vehicle to follow their intended path.

CAUTION (Cont'd)

- Do not tint the vehicle's windshield or add non-compliant coatings. Any objects that obstruct the camera's view may affect the system's normal operation.

NOTE

- When the system detects only one effective lane marking, the function can be activated but will only provide warnings or corrective action on that side.

Emergency lane keeping

The emergency lane keeping system uses a camera mounted on the windshield and millimeter-wave radars on the front and rear bumpers to monitor lane markings and surrounding vehicle conditions in real-time. If the system detects that the vehicle is departing from its lane and there is a risk of collision with a vehicle in an adjacent lane, it will intervene by steering and issuing a warning to keep the vehicle within its lane.

Activation and deactivation

When the vehicle is started, the emergency lane keeping system is automatically enabled by default. The system can be turned on and off via the central console display.

Operation

Once the emergency lane keeping system is activated, it enters a standby mode. The system will activate the function based on the driver's behavior and the vehicle's status when the following conditions are met.

- ◇ The vehicle speed on the instrument cluster exceeds 65 km/h.
- ◇ The system detects that the vehicle is departing its lane.
- ◇ The system detects that there is a risk of collision with a vehicle in the adjacent lane, either approaching or traveling in the same direction.
- ◇ The system detects a lane marking on the side where the vehicle is departing.

When the Emergency Lane Keeping function is triggered, the corresponding lane marking on the instrument cluster will be highlighted in red, and a text pop-up saying "Emergency steering in progress" will appear, accompanied by an audible warning.

The system will not trigger under the following circumstances:

- ◇ The brake pedal is slammed for deceleration.

◇ The hazard warning lamp is turned on.

◇ The steering wheel is turned quickly.

◇ The vehicle is rolling on or crossing over the lane marking.

◇ The system alerts the driver to take over the steering wheel but the driver does not do so.

Takeover prompt

If the emergency lane keeping system detects that the driver's hands have been off the steering wheel for an extended period, it will issue a takeover prompt, displaying a "Please lightly turn the steering wheel" message on the instrument cluster, accompanied by an audible buzzer alert. (The system may mistakenly interpret lightly resting hands on the steering wheel as having no hands on it)

When the system issues a takeover prompt, please take control of the vehicle as instructed to ensure safety.

System limitations

The emergency lane keeping system may not function properly (e.g., generating unexpected alerts or steering actions) or may not work at all in certain situations, including but not limited to:

◇ Restricted sensor detection scenarios.

- Restricted camera detection scenarios, such as changes in installation position, dirty, damaged, or fogged windshield, obstructions in the camera area, or debris such as water spray and dust from vehicles ahead.
- Restricted radar detection scenarios, such as changes in installation position or radar obstructions.
- Adverse weather conditions, such as heavy rain, snow, sandstorms, dense fog, smog, or dust storms.
- Sudden changes in lighting conditions, such as direct sunlight, headlights from oncoming traffic, reflections from water on the road, or entering/exiting tunnels.
- Poor lighting conditions, such as dawn, dusk, dark tunnels, or roads without street lighting at night.

◇ Complex road environments.

- Scenarios with new or old lane markings.
- Absence of lane markings or scenarios where lane markings are worn, covered, overlapped, or unusually colored, such as crossroads without lane markings, road forks, or road merges.
- Lanes that are too wide or too narrow.
- High-speed driving through sharp curves.
- Significant longitudinal or lateral slopes in the driving area.
- Changes in the number of lanes in the driving area.
- Sudden changes in the direction of lane markings ahead, such as lane merges or sudden changes in lane width.
- Markings or objects on the road that affect lane recognition, such as skid marks, road seams, road guide lines, or projections from barriers, guardrails, overpasses, or other objects near lane markings.
- Congestion where the distance to the vehicle ahead is too close or where the vehicle ahead is driving over lane markings, obstructing lane markings.

- Severe vehicle shaking due to road bumps.
- Slippery, icy, or water-covered roads, or crosswinds causing unstable vehicle conditions.

◇ Other conditions affecting system performance:

- Vehicle overload.
- Poor vehicle maintenance, such as excessive brake or tire wear, abnormal tire pressure, or misalignment.
- Modifications made by the driver to the vehicle, such as replacing the steering mechanism, body electronic stability system, or other execution-related components, or painting the front bumper, which may degrade the performance of the forward radar.

WARNING

- The emergency lane keeping system is a driver assistance system and does not replace the driver's responsibility to monitor traffic conditions. The driver must remain vigilant of the surroundings and bear full responsibility for driving safety.
- The driver should always keep their hands on the steering wheel and actively control the vehicle.
- The system may not function properly if road conditions do not meet the requirements for the lane departure warning system.

NOTE

- When the system intervenes with steering assistance, the driver can still control the steering wheel. If the driver determines that the corrective force applied by the system is inappropriate, they can always control the vehicle to follow their intended path.

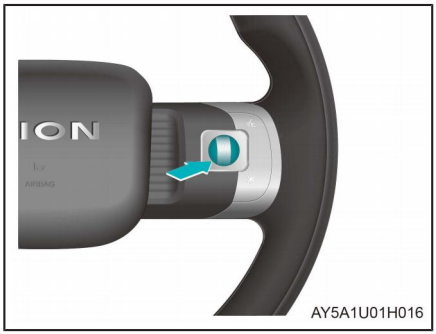
Adaptive cruise control

The adaptive cruise control (ACC) applies such sensors as a millimeter wave radar and a camera installed on the front of the vehicle to detect the relative distance between and speeds of your vehicle and the lead vehicle on the same path, to control your vehicle to follow the lead vehicle automatically.

◇ When no lead vehicle is present, the ACC will control the ego vehicle to cruise at the set target speed.

◇ When a lead vehicle is present, the system will automatically control the ego vehicle to cruise according to the ego vehicle speed, the lead vehicle speed and the set safety distance.

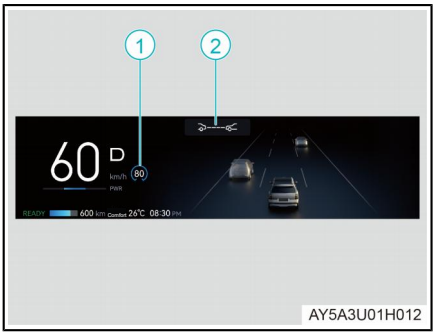
Description of ACC buttons



◇ Roll up and down: Adjust the cruising speed.

◇ Move left and right: Adjust the distance.

Interface description



① Set cruising speed

② Set following distance for ACC

Activating ACC

Set the gearshift lever to "D" position once. Then the corresponding indicator lamp in the instrument cluster turns blue, and the vehicle enters the ACC mode. Set the current speed as the cruising speed.

Increasing cruising speed

Roll the right roller on the steering wheel up to increase the cruising speed.

The set cruising speed should not exceed 130 km/h (which may be different by configurations).

Decreasing the cruising speed

Roll the right roller on the steering wheel down to increase the cruising speed.

The minimum set cruising speed is 15 km/h.

Adjusting the following distance for ACC

After ACC is enabled, the following distance for ACC is the AUTO gear by default. Move the right roller of the steering wheel left and right to adjust the distance to follow the car. The distance is displayed on the instrument interface. When it is set to the 4 gear, the distance to follow the car is the farthest. When set to AUTO and any of the following conditions are met--the longitudinal gradient is too large; the radius of curvature is too small;

the weather is bad; the followed target is a special target-- the system can automatically adjust the target following time interval to the 4 gear.

Following stop and starting

In ACC mode, your vehicle will automatically decelerate and stop when the vehicle ahead decelerates and stops. Depending on the stop time of the lead vehicle, when the lead vehicle drives off, the ACC of your vehicle will be in the following 3 states:

◇ In case of short-time stop of the lead vehicle, the pop-up window will read "Cruise waiting". If the lead vehicle drives off now, the system will resume ACC.

◇ In case of long-time stop of the lead vehicle, the pop-up window will read "Cruise waiting". If the lead vehicle drives off now, the instrument will prompt the driver to depress the accelerator pedal to resume ACC.

◇ If there is an obstacle too close to your vehicle and the lead vehicle drives off, regardless of the length of the stopping time, the instrument will prompt the driver to depress the accelerator pedal to resume ACC.

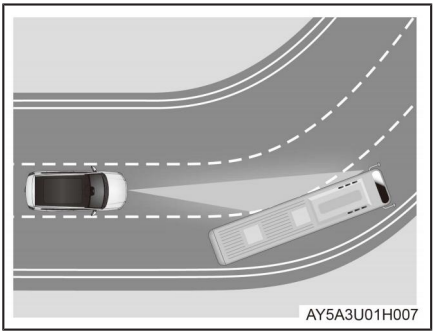
Canceling ACC

If ACC is activated, depress the brake pedal or move the gearshift lever to "R" position once, the vehicle will cancel the cruise state.

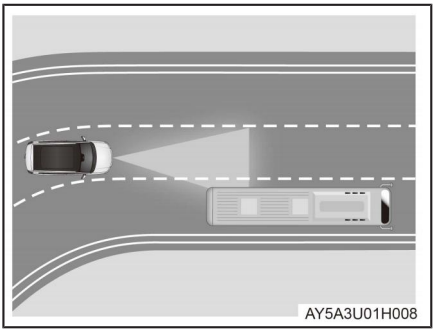
System limitations

ACC is subject to limitation of physical laws, and thus in some driving environments, the driver may find that the vehicle incurs a response lag or is not controlled as expected after the reaction of ACC, therefore, the driver must always be ready to control the vehicle. The following conditions will affect functions of the RPA sensor, so the driver must be particularly alert under these conditions:

◇ Decelerating to stop. If a vehicle ahead is stopped by emergency braking, ACC will also decelerate your vehicle but will not necessarily avoid collision. The driver should actively intervene by braking to avoid rear-end.

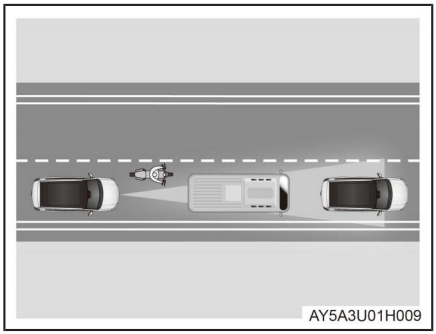


◇ Driving through a curve. During driving through a curve, the sensor may fail to capture the vehicle ahead, or may respond to vehicles in adjacent lanes. In this case, the ACC may make no response to the vehicle ahead or make unnecessary brake. The driver should actively take over the vehicle.

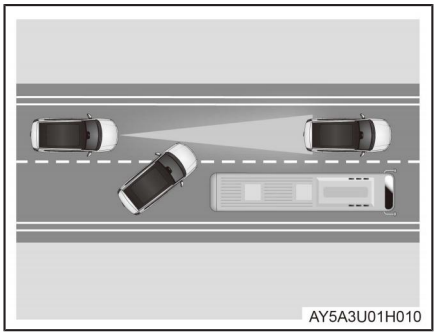


◇ Driving out of a curve. During driving out of a long curve, as ACC will calculate the lane in advance, the radar may respond to the vehicles in adjacent lanes and apply the brake of your vehicle. This

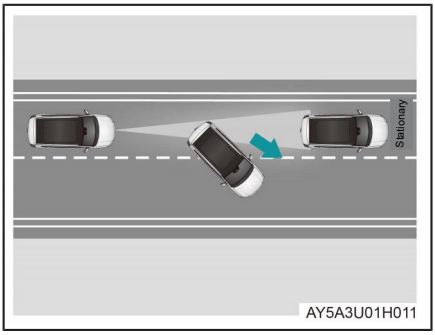
braking process can be interrupted by depressing the accelerator pedal.



◇ Narrow vehicles and Z-shaped traffic in front. The narrow vehicles and Z-shaped traffic in front can be detected by the radar sensor only when they enter the detection range of the radar sensor. That is to say, the system cannot identify vehicles out of the detection range of the sensor. ACC may be unable to identify narrow vehicles such as motorcycles, and has a risk of failing to accurately identify the distance from modified vehicles. Thus, the driver should get ready to take over the vehicle anytime.



◇ Lane change of other vehicles. When a vehicle in the adjacent lane goes into the ego lane, if it does not enter the detection range, it could not be detected by the sensor, thus resulting in a response lag of ACC.



◇ If the target vehicle in front is driven out suddenly and a stationary vehicle appears at close range, the radar sensor and brake actuator will incur a response lag, causing delayed braking response.

◇ Influencing factors that may deteriorate the sensor function:

- Driving under harsh operating conditions such as rainstorm, mist, ice, snow or sludge.
- Driving in cold areas. (frosting or fogging of front windshield due to temperature difference or frost will block the camera)

Under the above condition, after the RPA sensor is affected, a warning message will appear in the instrument panel. At this time, the ACC and FCW do not work.

◇ The ACC should not be used in traffic jams and poor visibility (night/backlighting/rain/snow/dense fog, etc.).

◇ The ACC may not take braking measures in face of people, animals, narrow vehicles such as bicycles, motorcycles or electromobiles, drop frame trailers, approaching or stationary

vehicles, and low-speed or stationary trucks, so the driver should be particularly alert and always be ready to take over the vehicle.

WARNING

- The ACC is not a safety system, obstacle detector, collision alarm or anti-collision system, but a comfort system, so the driver must always keep control of the vehicle and take full responsibility for the vehicle.
- The ACC must be used cautiously according to the visibility, weather conditions, road and traffic conditions at the time. The driver must always keep control of the vehicle and take full responsibility for the speed of the vehicle and the distance from other vehicles.
- The ACC cannot substitute for driver's attention and judgment. The driver should always be responsible for ensuring that the vehicle travels safely at an appropriate speed and maintains an appropriate distance from other vehicles.
- The ACC cannot address all driving scenarios and traffic, weather and road conditions.
- The ACC is only a driver assist system, and cannot replace your attention and judgment. It is your responsibility to maintain a safe distance and speed, and you must be ready to intervene if the ACC fails to maintain a proper speed or distance from the vehicle ahead.
- The hands-on reminder of ACC only warns the driver of vehicles detected by its sensor, so ACC may not send an alarm, or may send an alarm after a certain delay. Therefore, the driver shall apply the brake in time as required instead of waiting for the alarm.
- Do not use ACC under conditions

WARNING (Cont'd)

such as urban driving, traffic jams, multi-curve roads and poor road conditions (e.g. icing, fog, gravel, heavy rain, and phenomena prone to water skiing).

- The ACC is not a collision avoidance system. If your vehicle is getting closer and closer to the vehicle ahead at a speed higher than that of the vehicle ahead and the braking effect of ACC is unable to stop the vehicle safely before a collision with the vehicle ahead, the driver must depress the brake pedal to reduce the vehicle speed.
- Do not activate ACC during driving in roadless areas or on earth roads. ACC can only be activated on flat roads paved with pitch, cement, etc.
- The ACC will make no or limited response to the followings:
  - Large speed difference with the vehicle ahead.
  - Driving in different lanes, lane changes or driving on curves with small radius.
  - Pedestrians, animals, bicycles, stationary vehicles, unexpected obstacles, etc.
  - Approaching stationary obstacles such as broken-down vehicles.
  - A vehicle in the same lane approaching the ego vehicle.
  - Vehicles, bicycles, pedestrians traveling against traffic etc.
  - Static obstacles such as traffic cones and water-filled barriers.
  - Complex traffic conditions.
  - Oncoming traffic or cross traffic.
  - Low trailers or trucks, and vehicles with irregular or non-standard characteristics.

WARNING (Cont'd)

- Metal objects such as tracks, metal plates, roadside obstacles such as concrete walls, dense grass and fences, as well as high voltage bridges, toll booths and tunnels can interfere with the normal operation of the RPA sensor and cause ACC system not to be triggered or to be mistakenly triggered. The driver needs to be alert and ready to take over the vehicle at all times.
- A vehicle in an adjacent lane rapidly moving in the lateral direction or traveling in close proximity to the ego vehicle may cause an incorrect determination of a target by ACC system, resulting in the vehicle braking and requesting the driver to take over it.
- Be sure to notice traffic conditions and respond accordingly. Do not wait for the system to identify the target or apply the brake, but apply the brake as needed.
- The ACC may not respond to people, animals and vehicles crossing or approaching the vehicle in the same lane.
- When driving through crossroads, speed bumps, steep roads and zebra crossings, or at changing lanes, highway access, ramps or construction sections, it is required to exit ACC for manual driving, lest the vehicle should be automatically accelerated to the set speed, causing traffic accidents.
- The ACC can automatically drive the vehicle out after a short stop or confirmation from the driver. During this period, the driver must ensure that there are no obstacles or other traffic participants such as pedestrians/bicycles ahead of the vehicle.
- The ACC may not make response to a vehicle ahead that is already stationary or travels very slow (close to stopping). Even if the vehicle ahead has been identified and selected as a target by the ACC, limited following stop assistance will be provided. During following stop, the driver still needs to be ready to take over the vehicles at all times to guard against accidents.
- The ACC can only achieve limited braking force, not emergency braking.
- The vehicle is ready for driving, and the gearshift lever is in "D" position. After the ACC is activated, the stationary vehicle will enter the driving state, so it is necessary to operate carefully.
- After the vehicle enters ACC control state from the stationary state, the vehicle speed may increase suddenly. In this case, please ensure the safety around the vehicle to avoid accidents.

CAUTION

- If the instrument panel reads "ADiGO cruise assist function limited", it indicates that the intelligent driving system is faulty. It is recommended to contact the GAC AION sales store for inspection and repair.
- Do not bump the RPA sensor. If the sensor is misaligned due to bumps, it will deteriorate the system performance and even cause the system shutdown even through maintenance and correction are made.
- If the surface of the RPA sensor or camera is dirty or covered by rain, ice, snow, sludge, etc., ACC may not function, and the instrument cluster will display the prompt message reading "Please clean the intelligent driving sensor". After the dirt is cleaned off the sensor surface, ACC will return to normal.

CAUTION (Cont'd)

- Do not spray the front bumper with vehicle paint without permission, otherwise the performance of the frontal radar may be degraded.
- If the ACC fails to function properly, stop using it, and contact the GAC AION sales store for inspection and repair in time.

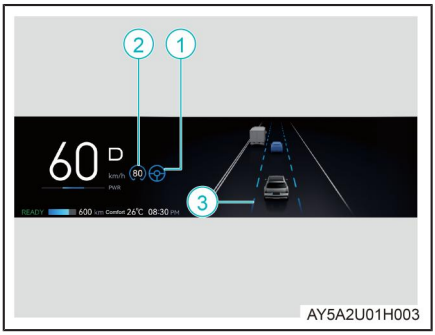
NOTE

- The set cruising speed will be deleted after the vehicle is powered off.
- Prevent placing your foot on the accelerator pedal when not required; otherwise, the ACC cannot function for braking, as the depressing of accelerator pedal will cause excessive control of vehicle speed and distance.
- When the ACC brakes the vehicle automatically after activation, there will be a sound different from manual braking sound or the brake pedal wilbe depressed automatically, which is normal. Such sound and pedal action are caused by the operation of the brake system, so there is no need to worry.
- The accelerator pedal can be depressed when required to increase the vehicle speed. After the accelerator pedal is released, the ACC will readjust the vehicle speed to the previously set cruising speed.
- In addition to depressing the brake pedal and setting the gearshift lever to "R" position once to exit ACC, the following operations may also exit the ACC:
  - Operating the EPB button.
  - Opening the door.
  - Unfastening the driver's seat belt.
  - Setting the gearshift lever to a position other than "D".
  - ESP system is activated.
  - Vehicle speed is too high.
  - Wipers in fast gear for some time.
  - Sensor malfunction or blockage.
  - Malfunction of the associated system.

Integrated cruise assist

The integrated cruise assist, referred to as ICA, detects the relative distance and speed with the vehicle ahead in the same path and the lane markings according to the MMW radar and camera installed on the vehicle. The ICA can automatically adjust the distance from the vehicle ahead during cruise control and keep the vehicle traveling in the middle of the lane.

Instrument cluster display interface of ICA



① ICA status display

- When the system detects that the current road environment, vehicle status, and driver behavior meet the activation conditions, the system will enter standby mode, and the instrument indicator lamp will illuminate.
- Once the system is activated, the instrument indicator lamp will illuminate, and the system will provide appropriate lateral and longitudinal assistance based on the driver's behavior.
- If the system detects driver steering intervention, the instrument indicator lamp will illuminate and flash to alert the driver that lateral assistance has been disengaged.

② Set cruise speed

- If the system meets the activation conditions but the driver has not engaged cruise control, the cruise speed will be displayed in gray. Once the driver activates cruise control, the cruise speed will be displayed in blue.

③ Reference lane markings

- After the system is activated, the lane markings in the instrument cluster will be highlighted.

Activating ICA

Set the gearshift lever to "D" position twice quickly to activate the ICA.

Canceling ICA

When the vehicle is in ICA mode, the ICA will be deactivated if the brake pedal is depressed or the gearshift lever is set to "R" position once.

ICA Hands-off Taking Over Alert

When ICA is activated, the system will provide audible and visual alerts level by level if it detects the driver's hands are off the steering wheel.

◇ The visual reminder for the first level of hands-off is a text pop-up window reading "Please hold the steering wheel tightly."

◇ The visual reminder for Levels 2 and 3 hands-off is an image-text pop-up window reading "Please turn the steering wheel gently", accompanied by a beeping sound (the expression may vary by configuration).

If the driver does not respond to the system's prompts and continues to take hands off the steering wheel for a long period of time, the system will stop the vehicle safely. During the safe stop , the system will control the vehicle to slow down to a standstill and the hazard lamp will turn on. The driver must not panic and can take

over the vehicle by steering and depressing the brake pedal.

Lateral and longitudinal control

Once the ICA function is activated, the system will maintain the vehicle's speed longitudinally or maintain a safe distance from the vehicle ahead while keeping the vehicle centered in its lane.

The ICA function may deactivate or become unavailable under the following circumstances, including but not limited to:

- ◇ The curvature of the lane markings is too sharp, both lane markings are lost for an extended period, or the lane is too wide or too narrow.
- ◇ The turn signal lamp is activated. (Depending on vehicle configuration and function settings, suppression conditions may vary)
- ◇ The driver exerts a significant steering force to take control of the steering wheel.
- ◇ The driver presses the brake pedal.
- ◇ The driver opens the driver's door, front hood, or liftgate, or unfastens the seat belt.
- ◇ The driver shifts the gear to a non-forward gear.
- ◇ The driver engages the electronic parking brake (EPB) or operates the shift lever to exit the function.
- ◇ A higher-priority function (e.g., emergency lane keeping or other active safety functions) is triggered.
- ◇ The anti-lock braking system (ABS) is activated.
- ◇ The traction control system (TCS) is activated.
- ◇ The vehicle severely crosses lane lines.
- ◇ The vehicle's speed does not meet the system's design requirements.
- ◇ The windshield wipers are set to high speed for an extended period.
- ◇ The sensors are obstructed.
- ◇ The system malfunctions.

System limitations

The ICA system has certain limitations. For limitations related to longitudinal control, please refer to the description of adaptive cruise control (ACC). Lateral control may experience abnormal steering control due to incorrect lane marking detection or failure to detect lane markings. The system's lateral control may be affected, misoperate, or fail to function even if the feature is turned on and displayed as active under the following circumstances, including but not limited to:

- ◇ Restricted sensor detection scenarios.
  - Camera detection limitations, such as changes in the installation position, dirty, damaged, or fogged windshield, obstructions in the camera area, or water splashes or dust kicked up by the vehicle ahead.
  - Restricted radar detection scenarios, such as changes in installation position or radar obstructions.
  - Adverse weather conditions, such as heavy rain, snow, sandstorms, dense fog, smog, or dust storms.
  - Sudden changes in lighting conditions, such as direct sunlight, headlights from oncoming traffic, reflections from water on the road, or entering/exiting tunnels.
  - Poor lighting conditions, such as dawn, dusk, dark tunnels, or roads without street lighting at night.
- ◇ Difficult object scenarios ahead.
  - Construction zone facilities, such as barriers, water-filled barriers, road guardrails, etc.

- Irregular temporary obstacles, such as debris on the road, overturned vehicles, or temporarily placed tripods.
- Unusual vehicles, such as trucks loaded with hay bales, cement mixers, or dump trucks.
- Scenarios involving animals, pedestrians crossing, vehicles parked or angled across the road, and two-wheeled vehicles.

◇ Complex road environments.

- Absence of lane markings or scenarios where lane markings are worn, covered, overlapped, or unusually colored, such as crossroads without lane markings, road forks, or road merges.
- Lanes that are too wide or too narrow.
- High-speed driving through sharp curves.
- Significant longitudinal or lateral slopes in the driving area.
- Changes in the number of lanes in the driving area.
- Markings or objects on the road that affect lane recognition, such as skid marks, road seams, road guide lines, or projections from barriers, guardrails, overpasses, or other objects near lane markings.
- Driving too close to the vehicle ahead or when the vehicle ahead is straddling lane markings, obstructing the view of lane markings.
- Severe vehicle shaking due to road bumps.
- Slippery, icy, or water-covered roads, or crosswinds causing unstable vehicle conditions.
- Sudden changes in the driving behavior of the vehicle ahead, such as sudden acceleration or deceleration.
- A vehicle suddenly cutting in close to your vehicle from the side front or your vehicle cutting in close behind a side front vehicle.
- Your vehicle approaching a stationary or slow-moving object at high speed.

◇Other conditions affecting system performance:

- Vehicle overload.
- Poor vehicle maintenance, such as excessive brake or tire wear, abnormal tire pressure, or misalignment.
- Modifications made by the driver to the vehicle, such as replacing the steering mechanism, body electronic stability system, or other execution-related components, or painting the front bumper, which may degrade the performance of the forward radar.

⚠ WARNING

- ICA only provides a driving assistance function and cannot address all road, traffic and weather conditions. The driver always takes full responsibility for driving, and shall always check the road conditions and actively control the vehicle.
- The driver must hold the steering wheel all the time to actively control the vehicle. When the ICA system does not provide proper steering assist or appropriate headway, the driver shall intervene timely.
- Improper use of the ICA system or negligence may lead to accidents, so the driver should always control the

WARNING (Cont'd)

vehicle, and maintain an appropriate speed and headway to keep the vehicle traveling correctly in the lane, even if using the ICA system.

- The ICA system is not a collision avoidance system. When the system does not take proper control, the driver must intervene.
- Under conditions such as urban traffic, intersections, water-logged or snowy roads, adverse weather, mountain roads, rough roads and highway access, it is recommended not to use ICA.
- The ICA system is not always able to identify the lane markings, and in some cases may mistakenly identify or even not identify a lane marking, so the ICA system may not generate lateral assist when needed, or may generate unnecessary lateral assist by mistake.
- The ICA system can only use limited capability of steering system, so it cannot cope with all driving conditions. The driver must keep his hands on the steering wheel all the time and drive with care. The driver must hold the steering wheel or reduce the vehicle speed appropriately on high-speed curves.
- The ICA system cannot perform braking in face of pedestrians, animals, foreign objects, lowbed trailers or oncoming traffic.
- The ICA system cannot address all traffic conditions. For example, the lateral assist may suddenly exit under conditions such as high curvature of lane marking before a sharp curve, and roads without lane markings. The driver must hold the steering wheel all the time to actively control the vehicle.

WARNING (Cont'd)

- The driver shall immediately hold the steering wheel immediately after receiving the hands-on reminder. Don't panic or turn the steering wheel fiercely.

CAUTION

- During ICA, if the instrument panel reads "ADiGO cruise assist function limited", it indicates that the intelligent driving system is faulty. It is recommended to contact the GAC AION sales store for inspection and repair.

NOTE

- The condition that the driver's hands are lightly holding on the steering wheel may be misinterpreted by the ICA system as the steering wheel out-of-hand.
- If the ICA system is inhibited for some reason, it will automatically recover when the working conditions are met.
- When judging that the ICA system does not control the vehicle properly, the driver should hold the steering wheel firmly and control it properly, and the ICA function will be interrupted by the driver's operation.
- When the ICA system controls the steering wheel for assistance, the driver can still turn the steering wheel to control the vehicle. When the driver feels an implausible torque applied to the steering wheel by the system, the driver may take over control of the vehicle at any time to drive it at will.

Intelligent perception system*

The intelligent perception system uses in-vehicle cameras to monitor the driver's condition and behavior, providing features such as fatigue alerts and distraction warnings to enhance the driving experience. When the function is enabled, if the activation conditions are met, the system will monitor the driver for signs of fatigue or distraction and provide reminders through instrument panel sounds or text based on different levels.

Enable/disable fatigue and distraction reminder function

Enter the settings page on the central console display, click ADIGO intelligent driving - driving reminders, and set the "fatigue reminder" or "distraction reminder" switch to turn the corresponding function on or off.

Activate fatigue and distraction reminder function

When this function is enabled, once the vehicle reaches a certain speed, the system will remain in monitoring mode and provide reminders via voice or pop-up notifications.

Reminder types	Behavior characteristics	Reminder mode
Fatigue reminder	Continuous eye closure, rigid facial expressions, and lack of significant body movement for a period of time	Instrument panel sound, instrument panel text
Driver distraction reminder	Driver's gaze deviates from the driving direction	Instrument panel sound, instrument panel text

WARNING:

- Even with the intelligent perception system, you still have the responsibility to focus and drive cautiously.
- Take regular breaks as needed,and do not rely solely on system reminders.
- In some special circumstances, the system may issue a warning even if you do not feel tired, such as when your eyes remain closed for an extended period.
- The system cannot guarantee that every driver can be accurately identified, and some drivers' facial features may not be accurately obtained.
- The system does not recognize the need for rest in all cases.

CAUTION:

- Please comply with national road traffic safety laws and related regulations. Drive safely and avoid driving while fatigued.
- Do not cover the driver's side A- pillar with decorative items or install any other components on the driver's side A-pillar. The driver's side A-pillar contains precise detection devices. Performing such actions may damage the devices or prevent them from correctly detecting the driver's real-time status.
- When the intelligent perception system performs facial or behavioral detection of the driver, it is necessary to operate within the effective range of the camera (i.e., the camera must clearly recognize the driver's full facial features and upper body movements). If detection fails due to an ineffective operating range, please adjust your position or posture.

CAUTION (Cont'd)

- If the camera is interfered with, the system's performance will decrease. The system will automatically return to normal operation when any of the following conditions are met:
  - The camera re-recognizes the driver's facial features.
  - The vehicle is restarted

NOTE

- Fatigue alert and distraction warning functions can be set through the central console display.
- The fatigue alert and distraction warning functions require certain speed conditions to be met before they are triggered.
- The intelligent perception system does not record or upload any images, videos, sounds, or other information related to the driver.
- The intelligent perception system relies on a clear facial image, and in some cases, its performance may decrease or issue false alarms:
  - Direct interference from sunlight, oncoming vehicle lights, etc.
  - Nighttime or low light conditions.
  - Seat adjustment causing loss of facial detection.
  - Steering wheel adjustments or rotations.
  - The camera is obscured by foreign objects.
  - The driver wears certain items that may interfere with the infrared camera, such as sunglasses, hats, scarves, or masks.
  - In some cases, the driver's capability may not be impaired, but the intelligent perception system may still remind the driver to take a break based on driving habits and other behavioral factors.
- The intelligent perception system may undergo continuous upgrades; the actual vehicle system may vary.

Driving in fog

In case of driving in fog, please read and observe the following.

DANGER

- Before driving, check the lighting system, turn on the fog lamps, position lamps and low beams to improve visibility to avoid traffic accidents.
- In heavy fog, try to avoid driving a vehicle to avoid traffic accidents.
- When driving in fog, do not sharply step on or quickly release the accelerator pedal, and do not brake the vehicle or turn the steering wheel suddenly. If it is necessary to reduce the vehicle speed, first slowly release the accelerator pedal, and then lightly step on the brake pedal several times to control the vehicle speed and prevent rear-end collisions.
- Do not turn on high beams when driving in fog.

WARNING

- When driving in fog, slow down and sound the horn if necessary to alert other pedestrians and vehicles. If any horns of other vehicles are heard, it is also necessary to respond by sounding the horn immediately, indicating the location of the ego vehicle.
- When driving in fog, try to drive the vehicle in the middle of the road to avoid colliding with vehicles temporarily parked on the side of the road waiting for the fog to disperse.

NOTE

- When driving in fog, please control the vehicle speed and obey the relevant laws and regulations.

Driving in rain

In case of driving in rain, please read and observe the following.

DANGER

- When driving in rain, do not sharply step on or quickly release the accelerator pedal, and do not brake the vehicle or turn the steering wheel suddenly. If it is necessary to reduce the vehicle speed, first slowly release the accelerator pedal, and then lightly step on the brake pedal several times to control the vehicle speed and prevent rear-end collisions.

WARNING

- When it starts to rain and the road becomes slippery, drive the vehicle at a reduced speed.
- When driving on cloudy or heavily rainy and foggy days with poor visibility, turn on the fog lamps and low beams in time.
- When it rains, the visibility is reduced, it is liable to fog up on the windows and the road is slippery, so drive the vehicle with caution.
- When it rains, clean the exterior rearview mirrors in time to prevent the raindrops accumulated on the rearview mirrors from affecting the driver's sight.
- In case of driving failure due to heavy rain or lightning, it is necessary to park the vehicle in a place where there is no stagnant water to prevent the vehicle from being flooded, and turn on the hazard warning lamps to remind the vehicles behind.
- After driving out of a water-logged road section, depress the brake pedal lightly to check whether the brake function is normal. When the brake linings are wet, the braking efficiency will be significantly reduced, and accidents are likely to occur.

CAUTION

- Before driving over a water-logged road section, determine the depth of water, and the water level shall not be high than the lower edge of the car body.
- The speed of the vehicle driven over the water-logged road section should not exceed the walking speed.
- After the rain, clean the vehicle in time to prevent the acid substance in the rainwater from corroding the body paint.

Driving in hot seasons

In case of driving in hot seasons, please read and observe the following.

DANGER

- Do not drive the vehicle when wearing slippers or high heels.
- In summer, the tire pressure will increase with the increase of temperature, and the tire is easily to burst. Pay attention to tire pressure changes during driving.
- In hot summer, always check whether any vehicle circuit is short-circuited or aging, whether the connector is loose, whether the battery is in normal working condition, etc., to prevent the vehicle from spontaneous combustion.

WARNING

- When parking, note to check whether there are dangerous objects and inflammables around.
- Try to avoid exposing the vehicle to the sun for a long time in the hot season, and do not place items such as lighters, paper scraps, cloth toys, perfumes, etc. on the instrument panel and its vicinity.

CAUTION

- If it is unavoidable to expose the vehicle to the sun, park the vehicle with its front not exposed to the sun or use an aluminum foil sunshade. At the same time, the wiper arm can be raised to prevent the wiper blade from aging or even being deformed in advance.

Driving in cold seasons

Precautions for driving in cold seasons

In case of driving in cold seasons, please read and observe the following.

WARNING

- Before driving in cold seasons such as winter, carefully check the safety equipment in the vehicle such as steering wheel, brakes, lamps, instruments, horns, wipers, etc.
- The road is slippery after the snow in winter. During driving, be sure to keep stable speed and even operation. Do not perform unstable operations such as sudden acceleration, emergency braking, sudden steering, etc., and accelerate smoothly and keep driving the vehicle at medium or low speed.
- Be gentle when starting and accelerating to prevent tire slippage and sideslip.
- Always check the battery condition and keep the battery fully charged for starting.
- Use windshield washer fluid containing antifreeze, which can be purchased at the GAC AION sales store and ordinary auto parts stores.
- Have some equipment and tools available for use in an emergency. The following equipment is recommended: snow chains, window scrapers, sandbags, signal flashers, jumper cables, etc.

CAUTION

- Park the vehicle in a place where there is no snow or water accumulation to prevent the water from freezing and tearing the wheels.
- Place wooden boards at the tires to prevent snow from accumulating.

CAUTION (Cont'd)

- Avoid parking the vehicle under a tree to prevent ice cubes from falling and damaging the vehicle.
- The wiper arm can be raised during parking to prevent freezing on the windshield and avoid tearing the wiper blade or damaging the motor during use.

Using tire chains

Tire chains can be installed to the front wheels for driving in harsh conditions such as snowy or icy roads in winter.

WARNING

- Tire chains must be installed in pairs to the driving wheels.
- For installation of tire chains on all tires, ensure that the vehicle can be driven in a balanced manner in all weathers. It shall be borne in mind that after installation of tire chains, the car power may be insufficient. Even if the road surface is in good condition, drive carefully.
- While driving, neither exceed the specified speed limit of tire chains nor exceed 50 km/h, whichever is lower. Do not overspeed, accelerate sharply, decelerate sharply, or make sharp turns.
- When decelerating, operate the brake pedal reasonably. Emergency braking on snowy or icy roads will cause the vehicle to drift and slip. Maintain an appropriate safety distance from the lead vehicle, step on the brake pedal slightly, and bear in mind that installing tire chains to the tires can increase certain friction force, but can not prevent sideslip.
- Failure to do this will adversely affect the performance and safety of the vehicle.

CAUTION

- Do not use tire chains on dry ground. After driving to snow-free roads, remove tire chains.

NOTE

- Various countries and regions have different regulations on tire chains. Before assembling tire chains, be familiar with the local laws and regulations.

Folding down of exterior rearview mirror when reversing

During reversing, the exterior rearview mirror will automatically fold down to a set angle, so that the driver can observe the surrounding environment.

The driver can turn on or off the folding down of the exterior rearview mirror through the center console display.

When the gearshift lever is moved out of the "R" position, the exterior rearview mirror will automatically reset.

NOTE

- Set the folding down angle of exterior rearview mirror when reversing through the center console display.
- The exterior rearview mirrors may reset automatically at high reversing speeds.

Reversing parking aid (RPA)

The RPA uses the ultrasonic sensors on the front and rear bumpers of the vehicle to detect the distance between the vehicle and obstacles, assisting the driver to park the vehicle and adjust the vehicle position.

Using RPA

When the gearshift lever is moved into the "R" position, the front and rear RPA will automatically turn on, and when the RPA recognizes an obstacle within the detection range, it will start to alarm.

When the gearshift lever is moved into the "D" or "N" position, the front RPA will start to work while the rear RPA will not.
When the gearshift lever is moved into the "P" position, the RPA will turn off automatically.

Turning on and off RPA audible alarm

For some models, the RPA audible alarm can be turned on or off via the center console display.

Reversing radar system fault prompt

When a radar sensor malfunctions, the buzzer will sound for approximately 3 seconds upon the first activation of the reversing radar system, indicating a fault in the reversing radar system.
When a radar sensor malfunctions, a corresponding radar fault icon will be displayed on the SVM interface to alert the user. If any radar sensor in the front or rear malfunctions, the corresponding front or rear reversing radar will not function.

WARNING

- The RPA cannot take the place of the driver's observation of the surrounding environment. The driver shall focus on safe reversing and position adjustment according to the practical conditions.

WARNING (Cont'd)

- The RPA sensors have blind spots while they detecting obstacles. During reversing, the driver shall observe the surrounding environment carefully to avoid scratches or collisions.
- Please control the speed when reversing to avoid danger. When the RPA sends the continuous audible alarms, it indicates that the vehicle is extremely close to the detected obstacle, and reversing shall be stopped immediately to prevent an accident.

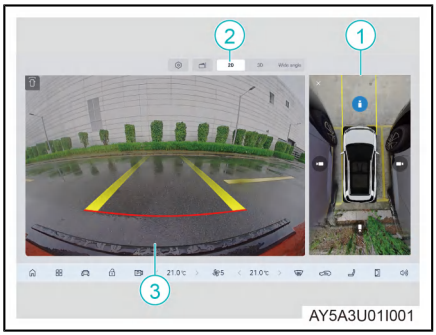
NOTE

- When the reversing speed is too high, the RPA may not work.
- When the vehicle is reversing at a narrow place or on an uphill slope, the RPA sensors may not detect railings, trees or slope surfaces, which is normal.
- The surface of some materials cannot reflect the signal from the RPA sensor, so that the RPA sensor cannot detect such materials or people wearing the clothing made of such materials.
- Noise sources outside the car may interfere with the radar sensor, making it impossible to detect any target.
- Please refer to "Parking - Parking Assist - PVM" for the precautions for using the RPA sensor.

Panoramic view monitor (PVM)

The PVM processes the video signals collected by the front, rear, left and right panoramic cameras of the vehicle, and displays the panoramic image around the vehicle on the center console display to provide the driver with the information on the surrounding environment of the vehicle and to reduce blind spots during driving. It can also realize vehicle trajectory prediction, so that the driver can fully understand the running direction of the vehicle and ensure driving safety.

PVM interface



1. 2D panoramic image display area
2. Function button area
3. Single view/3D panoramic image display area

NOTE

- The PVM interface is related to the vehicle configurations, so please refer to the actual vehicle configurations.

Turning on PVM

The PVM can be automatically turned on when the gearshift lever is moved to the "R" position.

Tap the PVM soft key on the status bar at the bottom of on the center console display to turn on the PVM

Press the ✳ button on the steering wheel (set the custom button on the center console display as one-button PVM) to turn on PVM. Some models allow activating the surround view monitor (SVM) system via voice command.

Settings of PVM

PVM can be set in the function button area.

◇ Panoramic image interface switching

- Tap the 2D/3D panoramic image button to change the PVM display effect.

◇ Wide-angle view switch

- Tap On/Off wide-angle view.

◇ Function settings



- Tap to set soft keys. The system will pop up the settings interface. Trajectory, time of moving out of "P" position, transparent chassis, panoramic view after activation of radars (if equipped), and panoramic view after activation of turn signal lamps can be set as needed.

WARNING

- The PVM cannot take the place of the driver's observation of the surrounding environment. The driver shall focus on safe parking according to the practical conditions.

CAUTION

- Keep the RPA sensor surface clean and not blocked. If the RPA sensor is dirty or blocked, that is, the RPA sensor area is covered by rain, snow, mud or others, its related functions may fail to work, and the instrument cluster may display related function disabled or fault information. To restore these functions to normal, clean the dirts.
- Do not attach accessories, stickers (including transparent stickers) or other objects on the RPA sensor, camera or surrounding area, otherwise normal system opration may be affected.
- Do not use a license plate frame, which may affect the detection range of the front-view camera, forward radar, and parking radar, resulting in the risk of false alarms.
- If the RPA sensor is damaged or its direction changes, the instrument cluster will display the alarm information. In this case, please contact the GAC AION sales store for inspection and repair in time.
- The RPA sensor, camera or the surrounding area should be free from strong impact. If the RPA sensor and camera are strongly impacted, please contact the GAC AION sales store for inspection and repair.
- If the bumper needs to be repainted due to scratches or color modification, avoid the area where the RPA sensor is installed. The change of paint color may impair the performance of the RPA sensor.

CAUTION (Cont'd)

- Clean the RPA sensor surface with a piece of soft wet cloth to avoid scratching it.
- Keep the surface of the camera clean and not blocked at all times. Clean the camera with a piece of soft wet cloth to avoid scratching the camera.
- Clean the RPA sensor with a low-pressure cleaner that shall be at least 10 cm away from the RPA sensor.
- Clean the camera with a low-pressure cleaner that shall be at least 30 cm away from the camera.
- Do not use a high-pressure cleaner to clean the camera squarely, and do not use abrasive or sharp objects to clean the camera.
- If water drops are on the surface of the RPA sensors, the sensitivity of the sensors will reduce. Wiping off them with a piece of soft cloth can restore the sensitivity of the sensors.

NOTE

- When the PVM is activated in a gear position other than "R", the system will exit automatically after a period of time.
- When the gearshift lever is moved from "R" to "D", and the vehicle is moving fast, the PVM will be turned off immediately.
- When the vehicle is in a gear position other than "R", clicking the exit button in the upper left corner of the PVM interface can exit the PVM.
- The RPA sensor and camera must be adjusted and calibrated after the RPA sensor or its mounting bracket or the camera or its mounting bracket is removed or installed, or the toe-in is adjusted, or a vehicle collision occurs.
- The adjustment and calibration of the RPA sensor and camera requires the use of special tools and equipment. It is recommended to contact the GAC AION sales store for related work.
- Repair of the vehicle body or bumper may cause the direction of the RPA sensor to change and affect the functions related to the RPA sensor. It is recommended to contact the GAC AION sales store for inspection and repair.
- The radar sensor is a precision component, which shall not be removed & refitted and repaired without authorization. Otherwise, GAC will not assume any responsibility for the damage arising therefrom.

Electric park brake (EPB)

Manually applying or releasing parking brake

When the vehicle is in a gear position other than "P", manually apply or release the parking brake at the quick control service or tap the button to enter the My Car chassis power interface on the center console display.

Automatic applying or releasing parking brake

When the seat belt is fastened, all the doors are closed, and the gearshift lever is moved out of the "P" position, the EPB will be automatically released, and the indicator lamp Ⓟ on the instrument cluster will go out.

Fasten the seat belt and close all doors. When the vehicle is in "D" or "R" position, the EPB is applied, and the accelerated pedal is depressed, the EPB will be automatically released, and the indicator lamp Ⓟ on the instrument cluster will go out.

When the vehicle is stopped stably, and the gearshift lever is moved into the "P" position, the EPB will be automatically applied, and the indicator lamp Ⓟ on the instrument cluster will come on.

Application of dynamic emergency braking

If the service brake fails while the vehicle is running, you can try to continuously press the "P" button for emergency braking.

Towing mode

Turning on towing mode

◇ Move into the "N" position and release EPB. Then, depress the brake pedal. Enter the towing mode via the center console display.

Turning off towing mode

◇ The towing mode can be turned off via the center console display.

WARNING

- When the vehicle is running, do not apply the EPB for speed reduction, as the EPB only applies braking force to rear wheels, which is likely to cause traffic accidents.
- Be sure to apply the EPB during parking.
- Do not use dynamic emergency braking unless necessary, as it is likely to cause traffic accidents. Moreover, the braking distance is longer than that generated during braking by depressing the brake pedal, and the service life of the parking brake system will be shortened.

CAUTION

- When the battery power is low, the system cannot release the EPB. If conditions permit, you can connect a jumper cable for emergency start, and then release the EPB. It is recommended to contact the GAC AION sales store for operation.
- If the vehicle continues to slide after the EPB has been applied on the slope, please depress the brake pedal, drive the vehicle to a flat road, and contact the GAC AION sales store for inspection and repair in time.
- In the following cases, try to apply and release the EPB repeatedly. If the fault has not been eliminated, it is recommended to contact the GAC AION sales store for inspection and repair.
  - If the EPB status indicator lamp Ⓟ on the instrument cluster keeps flashing, it indicates that the EPB is faulty.
  - If the EPB status indicator lamp Ⓟ on the instrument cluster

CAUTION (Cont'd)

comes on when EPB is not applied, it indicates that the EPB is faulty.

– If the EPB fault indicator lamp  on the instrument cluster comes on, it indicates that the EPB is faulty and its braking performance is degraded.

NOTE

- If the EPB cannot be released when the gearshift lever is at "P" position, the instrument cluster will give an alarm to remind you.
- If the "P" button is pressed during driving, the instrument cluster will give an alarm message together with an audible beep alarm.
- When the EPB is applied or released, operation noise will be generated, which is normal.
- If the EPB has not been used for a long time, the system will perform automatic test, and motor running noise will be generated, which is normal.
- EPB will choose different application force strategies on different slopes. EPB can realize parking on a slope with a maximum gradient of 30%. If parking on a slope with a gradient greater than 30%, there will be a risk of slipping, and the EPB will be applied again, which is normal.
- After the EPB is applied, it can ensure that the vehicle does not slide on a slope with a gradient of 30% within 5 min. If sliding occurs during this duration, the EPB will be applied again.
- To turn off the towing mode, if the center console display gets stuck and cannot be used, depress the brake pedal and long press (for more than 10 s) the "P" button to turn off the towing mode.

Closing all windows

Closing right front door power window

Before getting out of the vehicle, make sure all windows are closed. If any window is not closed, it can be closed by operating the right front door power window button.

Locking-sensitive window closing*

After the locking-sensitive window closing is enabled through the center console display, leave and lock the vehicle with all the keys, so all the windows are automatically closed.

WARNING

- When closing windows from the driver's door, make sure that no part of bodies of children or other passengers will be pinched.
- The anti-pinch function may not work when the window is about to close completely.

CAUTION

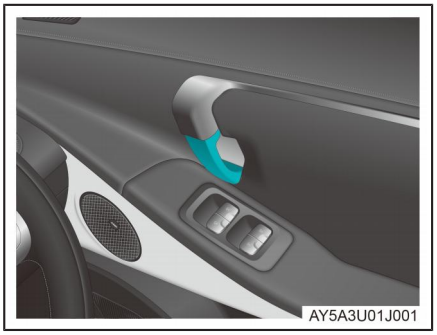
- It is prohibited to operate the same window in opposite directions by pressing the left front power window button and other passenger side power window buttons at the same time. Otherwise, the power window may stop working.

Follow Me Home

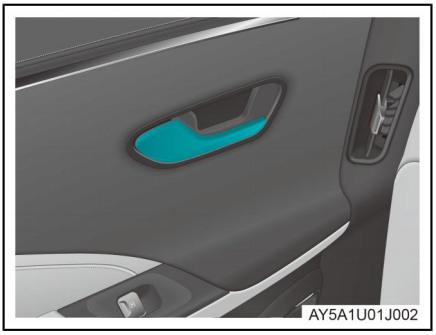
The Follow Me Home provides light when you park at night and go home.

Turn on the Follow Me Home function through the center console display. When the lights are under the auto gear and the low beams automatically come on, the low beams will be on for a period of time and then go out after you leave the vehicle or the vehicle is powered off.

Unlocking doors inside the vehicle



When the door is locked, pull the inner handle of the front door to unlock it.

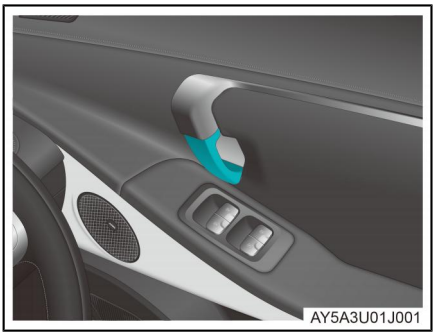


When the door is locked, pull the inner handle of the rear door to unlock the corresponding door.

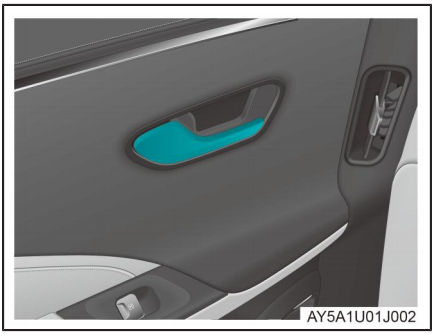
NOTE

- When the vehicle is stationary and in the "READY" state, shifting the gear to "P" will automatically unlock the doors. (This function can be enabled or disabled through the central console display)

Opening doors inside the vehicle



After the door is unlocked, pull the inner handle of the front door to open it.



After the door is unlocked, pull the inner handle of the rear door to open it.

Safety notes before getting off the vehicle

Instrument alert for getting off the vehilce

Before the driver leaves the vehicle, if the doors or windows are not closed, the instrument will give corresponding audible and visible prompts.

Locking outside the vehicle

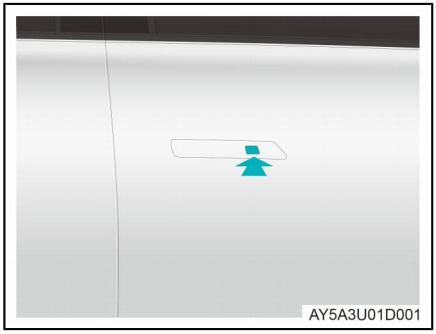
Locking by smart key button

When the driver and passengers exit the vehicle, and the vehicle is not started, all doors are closed, and there is no valid key inside the vehicle, press the lock button within the effective range of the smart key to lock the vehicle.

Intelligent active locking

The vehicle can be automatically locked after the intelligent active locking function is enabled through the center console display, when the vehilce is not started; the driver and passengers leave the vehicle,;all doors are closed; there is no effective key in the vehicle; the smart key is carried away from the vehicle.

Micro-switch vehicle locking



When the driver and passengers exit the vehicle, and the vehicle is not started, all doors are closed, and there is no valid key inside the vehicle, press the micro-switch with the smart key to lock the vehicle.

Lock the vehicle through the App

You can lock your vehicle on the Vehicle Control interface, after your vehicle is bound to the AION App.

NOTE

- The horn alarm for vehicle locking/ unlocking can be switched on/off in the center console display.
- When the driver and passengers exit the vehicle and the power holding function is not turned on, the vehicle power supply will automatically turn off after the vehicle is locked.
- Remote vehicle control is subject to the network environment, and it may not work. Never lock your smart key in your vehicle through the remote vehicle control function.

Exterior rearview mirror folding

Electric folding and unfolding

Tap the button on the center console display to enter the exterior rearview mirror control interface in "My Car" menu to electrically fold or unfold the exterior rearview mirrors.

Automatic folding and unfolding

After enabling or disabling of the automatic folding and unfolding of the exterior rearview mirror through the center console display.

- ◇ If the vehicle is locked, the exterior rearview mirror will be folded automatically.
- ◇ If the vehicle is unlocked, the exterior rearview mirror will be unfolded automatically.

Manual folding and unfolding



Pull the exterior rearview mirrors toward the rear of the vehicle (arrow A) to manually fold them.

Pull the exterior rearview mirrors toward the front of the vehicle (arrow B) to manually unfold them.

WARNING

- ◆ Before driving, make sure the exterior rearview mirrors are unfolded, and adjust them to an appropriate angle.

CAUTION

- ◆ Do not manually fold the rearview mirrors with electric folding function frequently, otherwise the internal folding mechanism will be damaged and the electric folding function will fail.

Body anti-theft

Body anti-theft

When the vehicle is locked, the vehicle will enter the anti-theft status.

Anti-theft alarm

When the vehicle is locked and any door is illegally opened, the alarm will be triggered, the left and right turn signal lamps will flash, and the horn will sound.

If the anti-theft alarm is triggered for a period of time and the vehicle is still not unlocked, the vehicle will temporarily deactivate the alarm function.

Alarm cancel

If the vehicle is unlocked or started using a valid key during alarming, the alarm will be automatically canceled.

Switching of alarm mode

There are two anti-theft alarm modes, that is, audible and visual alarm, and visual alarm, the former of which is the default mode.

When the vehicle is not started, you can press and hold the locking and unlocking buttons on the smart key at the same time to switch between these two modes. If the switching is successful, the left and right turn signal lamps will flash simultaneously several times.

CAUTION

- Do not modify or disassemble the body anti-theft system, otherwise the system will not work properly.

NOTE

- Do not leave the key in the vehicle but carry it with you when leaving the vehicle.
- The body anti-theft system cannot prevent all thefts or guarantee the absolute safety of the vehicle.
- In order to prevent accidental alarm triggering or vehicle theft, please ensure the followings:
  - No one is in the vehicle.
  - The windows are closed before the vehicle is armed.
  - There are no valuables or other personal belongings in the vehicle.
- An alarm may be triggered in the following cases.
  - The door is unlocked with the mechanical key and key identification is not passed after a while.
  - The vehicle is unlocked from inside after the vehicle is armed.
  - The hood is opened after the hood is opened.

Charging instructions

Charging methods

This vehicle has two charging methods: AC charging and DC charging.

Charge limit setting

According to your electricity needs, the charge limit can be set through the center console display.

NOTE

- The charge limit cannot be set for some models. Please refer to the actual vehicle.

Charging status indication

The charging status of the vehicle can be known through the vehicle charging indicator lamp, instrument cluster, charging pile, etc.

◇ Vehicle charging indicator lamp

- The vehicle charging indicator lamp is the turn signal lamp. The vehicle charging status is as follows:

Indicator lamp state	Meaning
Yellow steady on	Waiting
Yellow flashing for a few seconds	Charging successfully initiated

◇ Indications on instrument cluster

- After the charger is successfully connected to the charging inlet of the vehicle, the charger indicator lamp on the instrument cluster will come on.

  – If you open the door, when "Charging Reservation" has been set but not yet started and the charger is connected, the panel will show the Charging Reservation indicator lamp and the waiting time of Charging Reservation.

  – If "Charging Reservation" has been set and is being executed, the panel will be green.

  The Charging Reservation indicator and charging lamp information.

◇ Charging pile indication

- If a charging pile is used, the charging status of the vehicle will be displayed on the large screen of the charging pile. Please refer to the actual indication of the charging pile.

Charging precautions

Please read and observe the followings carefully before charging your vehicle.

WARNING

- Please use the charging device that meet the regulatory requirements. Otherwise, it may result in charging failure, even causing vehicle damage or personal injury in severe cases. If necessary, please contact the GAC AION sales store.
- Do not modify or disassemble the charging connection device and device without authorization. When the charging device is faulty, please contact the manufacturer, and do not try to troubleshoot it by yourself.
- Do not use the charging device when it is damaged, rusted, wet, has foreign objects or is damaged in any way.
- Do not charge the vehicle when the surface of the charge cable or vehicle charging connector is cracked, the surface of the socket is damaged, rusted or cracked, or the connection is too loose.
- Do not use the charger and the vehicle charging inlet when they are deformed, blackened or ablated, otherwise the vehicle or charging device may be damaged, and in severe cases, personal injury may occur. If necessary, please contact the GAC AION sales store.

WARNING (Cont'd)

- The charging device must be well grounded when in use.
- Do not charge the vehicle in a place with flammable materials, and a ventilated place is recommended.
- Minors are prohibited from using the charging device or from approaching the vehicle being charged.
- Do not charge the vehicle in the open air in thunderstorms. Otherwise, it may result in charging failure, even causing vehicle damage or personal injury in severe cases.
- When you need to charge the vehicle exposed to the rain, please confirm whether there is water entering the charging inlet. It is forbidden to charge the vehicle when there are obvious water stains in the charging inlet. Otherwise, it may result in charging failure, even causing vehicle damage or personal injury in severe cases.
- During the charging, please ensure that the vehicle is properly connected to the charging pile, and it is forbidden to touch, unplug or insert the charger.
- Due to the danger of high voltage, it is recommended to keep a certain distance from the charging pile during charging, otherwise it may cause personal injury.
- During the charging, users with implanted medical equipment such as pacemakers need to stay away from the vehicle being charged to avoid electromagnetic interference affecting the work of the medical equipment.
- During the charging, if you find any odor or smoke in the vehicle, please stop charging the vehicle immediately and contact the GAC AION sales store.
- After the charging, do not disconnect the charging device with wet hands or standing in water, otherwise it may cause electric shock and personal injury.

CAUTION

- Do not directly pull the cable to move the charging device, and please handle it with care.
- Please do not charge the vehicle by AC charging and DC charging at the same time to avoid damage to the vehicle.
- When the instrument cluster shows a low battery, please charge the vehicle as soon as possible. Charge the battery before its battery power is completely exhausted, otherwise the service life of the traction battery system will be affected.
- Before the charging, please check whether the charger and the vehicle charging inlet are clean and free of foreign objects. Otherwise the charging may fail or the vehicle charging inlet may be damaged.
- When inserting the charger, press the charger button so that the charger is inserted parallel to the charging inlet, and avoid shaking and violent handling, otherwise the charging inlet will be damaged.
- During the charging, do not use a high-pressure washing device to wash the charging inlet. Otherwise, it may result in charging failure, even causing damage to the vehicle or charging device.
- Make sure that the charging device is disconnected and the charging inlet cap is closed before starting the vehicle.

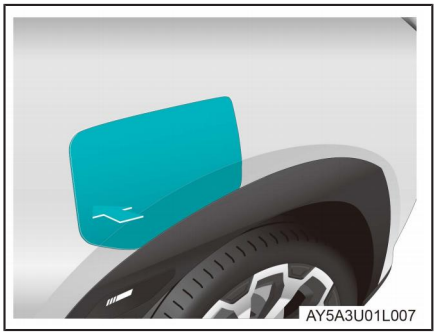
NOTE

- Please read and observe the use instructions and precautions related to the charging device carefully.
- The vehicle must be parked before the battery is charged.
- When the battery temperature is low, it may not be possible to charge the battery at full power at the beginning of charging. As the battery temperature increases during the charging, the charging power increases.
- Charging the vehicle in a high-temperature or low-temperature environment will reduce the charging power and prolong the charging time.
- The vehicle cannot be charged while the software is being upgraded.

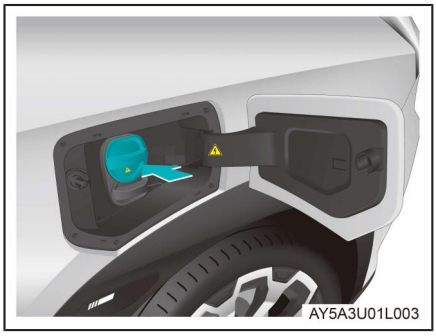
AC charging

AC charging

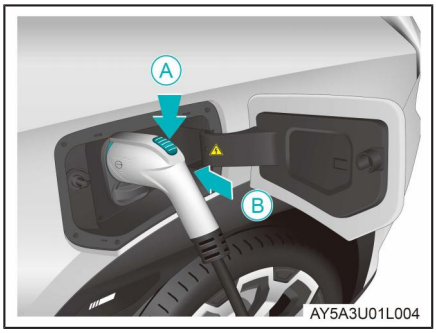
Observe the following steps for AC charging:



1. Unlock the vehicle, press the rear edge of the charging inlet cap to open it.



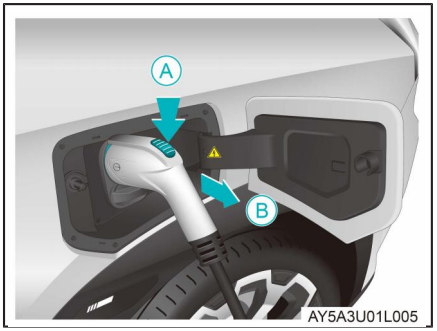
2. Open the AC charging inlet dust cover.



3. While pressing the charger button in the direction of arrow A, insert the charger in the direction of arrow B. After the charger is successfully connected, all turn signal lamps become yellow and on for a long time, and the charger indicator lamp on the instrument panel comes on.



4. Make relevant settings on the charging pile (such as start via APP), and start the charging pile.
5. Check the charging status through the instrument cluster.



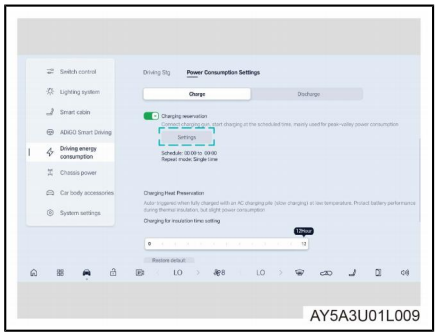
6. After charging, the charger will unlock automatically.
   While pressing the charger button in the direction of arrow A, unplug the charger in the direction of arrow B.
7. Close the charging inlet dust cover and the charging inlet cap, and insert the charger back into the charging pile to complete the charging.

Charging Reservation

Charging Reservation allows you to reserve the charging time of your vehicle. It is suggested that you reserve valley time for charging to save charging costs. Observe the following steps to reserve for charging:

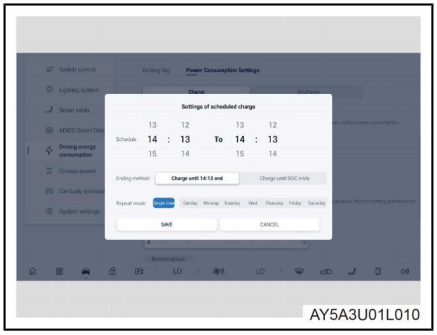


1. Enable scheduled charging through the central console display.



AY5A3U01L009

2. Tap the "Settings" soft key to enter the scheduled charging time setting interface.



AY5A3U01L010

3. In the scheduled charging time setting interface, set the scheduled charging time, end method, and repeat date.
4. When the vehicle is unlocked, press the rear edge of the charging inlet cap to open it.
5. Open the AC charging inlet dust cover.
6. Connect the charger.
7. Connect the power supply.(Connect the power supply at home or enable the charging pile, according to the actual condition)
8. Confirm the charging status.
   - When the indicator lamp on the panel is on, it means the vehicle is preparing for Charging Reservation. When it reaches the reservation time, the indicator lamp on the panel will be on and the vehicle will start charging
9. Upon completion of charging, unplug the charger.
10. Cover the charging inlet with the dust cover, close the charging inlet cap, and tidy up the charging device.

WARNING

- During the charging, make sure that the vehicle is properly connected to the power supply, and it is forbidden to unplug the charger.

NOTE

- When the vehicle starts to be charged, the charger will be locked automatically.
- After unlocking the charger during charging, if it is not unplugged for a long time, the charger will automatically lock again. If the charger is unplugged again, you need to unlock it again.
- For some models, charger anti-theft can be enalbed via the center console display so that the charger will be locked after AC charging and will not be stolen.
- During the AC charging, if the charger cannot be locked, the current of charging will be decreased.
- AC charging current can be set on the center console display. Upon setting, the vehicle will be charged at a current not exceeding the set value.
- The AC charger can be unlocked with the AION App.
- If charging is completed and the charger cannot unlock automatically, press the intelligent key twice consecutively to unlock the AC charger.
- Charging Reservation is only applicable to AC charging.
- For some models, Charging Reservation can be set with the AION App. (If equipped)
- It is suggested that an AION charging pile should be used for Charging Reservation, as other charging piles available in the market might not support Charging Reservation.

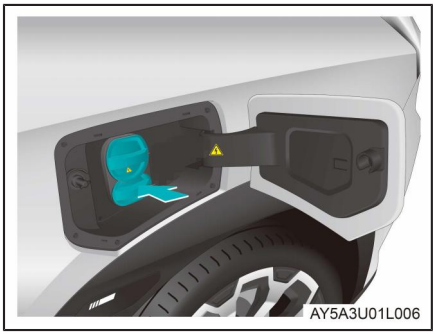
NOTE (Cont'd)

- If you need to charge the vehicle immediately when the charging mode is Charging Reservation you should change the charging model to "Instant Charging", otherwise Instant Charging will not be available. Reservations after charging is completed will not be affected. Reservations before charging will be canceled automatically (if a reservation is repeated, only the reservation for the current day will be canceled).
- The charging thermal protection function can be activated on the center console display to maintain the battery temperature, improve the battery range and vehicle performance while driving, and prolong the service life of the traction battery. In the case of AC charging in a low-temperature environment, the charging thermal protection function will be activated automatically.
- You can enable or disable the thermal protection through the center console display.
- If other AC charging piles on the market are used, the charging thermal protection function may not work properly. It is recommended to use GAC AION's dedicated charging pile or home power supply to charge the vehicle.
- If you encounter special circumstances and cannot unlock the charger, you can unlock it through the emergency unlocking device of the charger. For details, please refer to the "Emergency treatment - Owner emergency -Emergency unlocking/ locking" section.

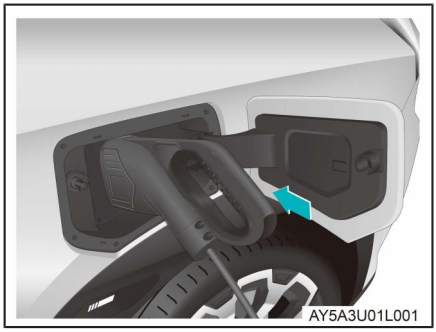
DC charging



1. Unlock the vehicle, press the rear edge of the charging inlet cap to open it.



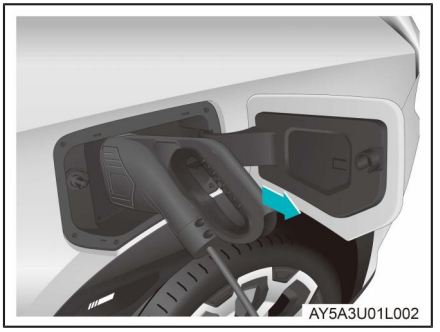
2. Open the DC charging inlet dust cover.



3. Insert the charger as arrowed. After the charger is successfully connected, all turn signal lamps will become yellow and on for a long time, and the charger indicator lamp on the instrument panel comes on.



4. Make relevant settings on the charging pile (such as scanning QR code or swiping a card), and start the charging pile.
5. Check the charging status through the instrument cluster.
6. You can actively stop the charging as desired, or the charging can be stopped automatically when the vehicle is fully charged.



7. Pull out the charger as arrowed.
8. Close the charging inlet dust cover and the charging inlet cap, and insert the charger back into the charging pile to complete the charging.

WARNING

- During the charging, make sure that the vehicle is properly connected to the power supply, and it is forbidden to unplug the charger.
- After the DC charging, please unplug the charger in time.

NOTE

- The above-mentioned DC charging method of the charging station is a general method, which may be slightly different from the charging method indicated on the actual charging pile. Please follow the indications of the charging pile during actual charging.

External cleaning

Washing the vehicle frequently helps to protect its appearance.

The following conditions are likely to cause peeling of the paint layer or cause corrosion of the body and parts, and the vehicle needs to be cleaned in time:

- ◇ After driving along the coast.
- ◇ After driving on saline-alkali roads.
- ◇ Paintwork contaminated with coal tar or tree sap.
- ◇ Dead insects, insect droppings or bird droppings fallen on the paintwork.
- ◇ After driving in areas contaminated with coal ash, oil fumes, mineral dust, iron dust or chemicals.
- ◇ Liquids such as benzene and gasoline splashed on the paintwork.
- ◇ Severe dust or mud buildup on the vehicle.

Manual vehicle washing

After driving, it is necessary to wait for the vehicle to cool down sufficiently in a cool place before washing it. Perform the manual vehicle washing in the following steps:

1. Make sure all doors and windows are closed.
2. Use a water pipe to clean the dirt on the vehicle surface, the mud and the salt and alkali on the vehicle bottom, and the recessed parts of the wheels.
3. Dip a sponge in the special detergent and wipe gently to remove the contaminants.

CAUTION

- ◆ Do not use the same sponge to wipe the whole vehicle, so please wipe the upper and lower parts of the vehicle with different sponges to avoid damage to the paintwork.

4. Clean tires with a special sponge and brush.
5. Thoroughly flush out the foam from the vehicle.
6. Use a special absorbent towel to dry the water marks on the body surface. Do not wipe or press the body surface with force to avoid damage to the paintwork.
7. Use a blower to dry the accumulated water in the gaps of the vehicle, such as door sealing strips, exterior rearview mirrors, charging inlet cap, headlamp gaps, etc.

WARNING

- ◆ Be careful not to cut your fingers when cleaning the carpet or chassis.

Automatic vehicle washing

Before the washing, you should fold your exterior rearview mirrors, close all doors and windows, and consult with the wash station staff to choose the safest wash procedures for the paintwork. Be sure to unfold the exterior rearview mirrors before driving.

NOTE

- ◆ Certain types of brushes, unfiltered water, or machine-specific wash procedures in the automatic wash stations may scratch the paintwork and reduce its durability and gloss.

Environmental protection:

- ◆ The vehicle shall be cleaned at standard wash points to prevent sewage containing oil from being directly discharged into the sewer to pollute the environment.

High-pressure vehicle washing

The water sprayed by a high-pressure cleaner has a certain pressure. To avoid water entering or damaging the vehicle, do not keep the nozzle close to the following parts:

- ◇ Gaps around the doors.
- ◇ Window edges.

◇ Radar and camera areas.
◇ Connectors on the chassis.

CAUTION

- When cleaning the vehicle with a high-pressure cleaner, pay special attention to the working pressure and spray distance.
- Do not allow the nozzle to continuously spray the same area.

Cleaning of special parts

◇ Aluminum-alloy hub

- Use a special cleaning agent and a soft brush to clean dirt and dust from the hub.
- Rinse off stains and residual cleaning agent with clean water.
- Dry the hub with a piece of soft dry cloth or let it dry naturally.

CAUTION

- Do not use acidic, alkaline or abrasive detergents.
- Do not use a hard brush.
- Do not use cleaning agents on the wheels when the wheels are hot (for example, after driving or after parking in hot weather).

◇ Lamps

- Use a special cleaning agent to clean the lamps.
- Gently wipe the lamp shade with a piece of soft cloth.

CAUTION

- Wash the lamps carefully to avoid scratching or crushing the lamp shade with force.
- Do not use organic substances or hard brushes to clean the surface of the lamp, otherwise the lamp shade may be damaged.
- Do not wax the lamp surface.

◇ Bumper

CAUTION

- Do not scrub with abrasive detergents.

Internal cleaning

Cleaning of instrument panel and other interior trims

Wipe the instrument panel gently with a piece of moistened soft cloth during cleaning.

Please use mild neutral cleaners whenever possible, and avoid strong detergents or degreasing soaps.

CAUTION

- Do not wet the interior trims when cleaning them.
- Do not use a blade or other sharp objects to remove dirt from the interior trim surfaces, otherwise it may damage the interior trim surfaces.
- Do not wipe with excessive force, otherwise the interior trims may be damaged.

Cleaning of leather

If the leather trims are not maintained or cleaned for a long time, the leather will become damp, moldy, dull, dry and cracked, which will affect both health and driving mood. Therefore, the leather trims must be carefully cleaned and maintained.

The leather cleaning steps are as follows:

1. Remove dirt and dust with a vacuum cleaner.
2. Use a piece of soft cloth moistened with leather cleaner to wipe off any remaining dirt and dust.
3. After cleaning, dry with a piece of soft dry cloth or let the leather dry naturally.
4. After drying, smear it with a special maintenace agent.

CAUTION

- Do not use ordinary detergents (such as washing powder, dish detergent, etc.) to clean the leather, otherwise it may damage the leather surface, resulting in corrosion or discoloration of the leather surface.
- It is recommended to regularly maintain the leather inside the vehicle and contact the GAC AION sales store regularly (semi-annually) to restore the bright luster of the leather surface in a timely manner.

Cleaning switch

Use a small and soft brush to remove dust from buttons and switches.

Use a piece of soft cloth dampened with disinfectant to wipe the surfaces of the buttons and switches, and then use a piece of clean soft cloth to wipe off any remaining liquid.

CAUTION

- Do not use spray to clean the switch panel directly, otherwise the electrical consumers may be damaged.

Cleaning of windows and rearview mirrors

Use a piece of soft cloth and special glass cleaner to clean the glass surfaces.

Dampen a piece of cloth with warm water and gently wipe the rear windshield in a direction parallel to the heating wires or antenna.

Clean the rearview mirrors with soapy water.

CAUTION

- Do not use glass cleaner to clean the rear windshield, as this may damage rear window defogger heaters or the antenna.
- Do not use abrasive cleaners to avoid damage to the glass and mirror surfaces.

Cleaning of seat belt

Use a sponge or a piece of soft cloth dampened with mild soapy water or warm water to clean the seat belt. Regularly check whether the seat belt is free of excessive wear or cuts.

CAUTION

- Please wait till the seat belt dries completely before retracting it, otherwise its retractor may be damaged.

Cleaning of carpet

Clean the dust first with a vacuum cleaner, and then scrub the carpet in circular motions with a sponge or brush dampened with a foam cleaner.

NOTE

Let the carpet dryyafter cleaning, and keep the carpet as dry as possible.

Precautions for internal cleaning

Please read and observe the followings when cleaning the interior of your vehicle.

DANGER

- Do not let the airbag components or wires in the vehicle get wet, otherwise the airbag may fail to deploy or malfunction, resulting in serious injury or even life-threatening danger.
- Do not use polishing wax or polishing cleaner to clean the instrument panel, otherwise the instrument panel may reflect light on the windshield, obstruct the driver's visibility, and cause serious injury or even life-threatening danger.

CAUTION

- Do not spill liquids such as cleaners into the interior of the vehicle, otherwise it may cause the electrical components to get wet and malfunction. If any liquid is accidentally spilled, wipe it up immediately.
- Do not use strong acid or alkali cleaners.
- I f you need to use a cleaning agent, please read the instructions of the cleaning agent carefully and follow them strictly.

External maintenance

The external maintenance shall be based on the external cleaning, and shall be carried out after the external cleaning.

Waxing

In order to maintain the gloss of the vehicle, it is recommended to polish and wax the body. The body waxing is required in the following cases:

- ◇ When the body surface does not repel water well.
- ◇ When the body surface is exposed to water in a large area, and the water does not form droplets and adheres to the surface.

It is recommended to wax the body on a regular basis and contact the GAC AION sales store regularly (once a quarter) to maintain the vehicle, so as to restore the gloss of the body paintwork in time.

Cleaning of residual wax

After the body is waxed, use a special cleaner and a piece of clean cloth to remove the wax remaining on the glass so as not to affect the visibility.

Paintwork damage

If there is no obvious damage to the paintwork, please do not carry out secondary painting to prevent the paint color from being incompatible or not well matched.

For small areas of paintwork damage (such as scratches or stone impact marks), please cover them with paint as soon as possible before rust occurs.

If the damaged paintwork has been rusted, the rust must be completely removed, and the anti-corrosion primer and varnish shall be applied to the rusted position. It is recommended to contact the GAC AION sales store for treatment.

Maintenance of wheels

Regular maintenance of the wheels can keep the surface finish of the wheels and prolong their service life.

It is recommended to use high-quality hard wax on aluminum-alloy wheels every three months, or regularly clean steel wheels with a special sponge.

WARNING

- Do not treat the wheel surfaces with vehicle polish or other abrasive cleaners.
- The wheels with damaged protective coating on surface must be repaired in time.

Maintenance of external plastic parts

External plastic parts are generally washed with clean water, soft cloth and soft brushes. If they cannot be cleaned, please use the special plastics cleaner.

CAUTION

- Do not use abrasive cleaners to clean plastic parts, as this may damage the plastic parts.

Internal maintenance

The internal maintenance shall be based on the internal cleaning, and shall be carried out after the internal cleaning.

Maintenance of instrument panel

After the instrument panel is cleaned, in order to slow down the aging of plastic parts such as the instrument panel, a layer of protective wax can be applied to the instrument panel to prolong the service life of the plastic material.

Maintenance of leather

Leather trims can be sprayed with a special leather wax and polished with a piece of dry cloth.

Maintenance of window glass

After the window glass is cleaned, glass coating products can be sprayed on it to prevent fogging of the windows in rain and snow or in winter.

Maintenance of sealing strips

Regular maintenance of the rubber sealing strips of the doors, windows and other parts of the vehicle is intended to maintain their flexibility and prolong their service life. Such maintenance can also improve the tightness, make the door easy to open, reduce the impact sound of closing the door, and prevent freezing in winter. The maintenance steps of the sealing strips are as follows:

1. Use a piece of soft cloth to remove dust and dirt from the surfaces of the sealing strips.
2. Apply special protective agent to rubber sealing strips regularly.

Tire maintenance

Defective tires will increase the risk of driving, and you should get into the habit of checking your tires before driving.

Tire pressure

It is suggested to contact the GAC AION sales store to check tire pressure. If you find that the tire valve cap is missing, install a new one in time.

DANGER

- Insufficient tire pressure exacerbates tire deflection, and tires are extremely prone to overheating, which may lead to tread separation and tire burst. Too high or low tire pressure can accelerate tire wear, reduce vehicle maneuvering stability, and easily cause traffic accidents, injuries and even death.

WARNING

- Take care to maintain proper tire pressure to prevent accidents.

NOTE

- For inspection of tire pressure, the tire must be in a cold state. When the temperature increases, the tire pressure can be slightly higher than the specified value, and it is not necessary to reduce the tire pressure.
- When checking the tire pressure or tire inflation, balance the weight of occupants and luggage, avoid slopes and adjust the tire pressure according to vehicle load.
- After checking the tire pressure or tire inflation, be sure to put the tire valve cap back on the valve core.

Hidden damage

Damage to tires and rims often occurs in a hidden way, and abnormal vibration or deviation of the vehicle during driving may indicate tire damage. If you suspect that the tires are damaged, be sure to reduce the speed immediately and stop to check the tires for damage. If the damage is not visible from the outside, it is recommended to contact the GAC AION sales store to check the tires as soon as possible.

Precautions for wheel failure

When driving over curbs or similar obstacles, keep a slow speed in the vertical direction of the obstacles as much as possible.

Regularly check the damage of tires, such as splitting, abrasion, shedding, deformation or bulging.

Regularly remove debris embedded in the grooves of the tire pattern.

New tires and wheels

Make sure that the dimensions, load range, rated speed and structure type of new tire are the same as those of original one.

Replace at least two tires on the same axle at the same time, rather than only one tire individually.

Do not use tires of different dimensions or types, and do not mix summer tires, all season tires and winter tires in use.

Once wheels are installed, check whether the tightening torque of the wheel bolts meets the requirements.

⚠ WARNING

◆ Never use tires that do not meet the specifications of this vehicle and have not passed the national product certification, otherwise it may cause accidents.

Winter and summer tires

◇ Winter tires

- Winter tires have good grip performance on icy roads and in low-temperature environments, and have excellent braking ability, which can improve driving safety in winter.
- It is recommended to use winter tires while driving in icy or snowy days in winter or when the temperature is below 7°C.
- Use only radial winter tires of same dimensions, load range and rated speed as original ones and approved for this vehicle.
- The tread depth of winter tires shall not be less than 4 mm.
- After installation of tires, check the tire inflation pressure.

◇ Summer tires

- Summer is a rainy season. The tire tread depth directly affects the driving safety in rainy days. The tread depth of summer tires shall not be less than 3 mm.

◇ Winter and summer tires are designed according to their respective typical lane conditions under the corresponding seasonal conditions. It is recommended to use winter tires in winter and summer tires in summer, otherwise the adhesion and braking ability will be poor.

- If summer tires are used in severe cold conditions, cracks may appear on the tires, resulting in tire damage, increased tire noise, and loss of balance.
- Winter tires may lead to decreased traction force of the vehicle on dry roads, increased road noise and shortened service life of tread. Please pay attention to the performance change of the vehicle in terms of maneuvering and braking after the winter tires are used.

- The maximum speed for winter tires is relatively low. Do not exceed the allowable maximum speed for the tires during driving.
- When driving in atmospheric temperature rising above 7°C, in order to ensure driving safety and performance, please replace the winter tires with summer tires in time.

Service life of tires

Service life of tires depends on tire pressure, driving style and tire assembly conditions.

If the front tires are worn more serious than the rear tires, it is recommended to perform tire rotation for the front and rear wheels, so as to make the service life of all tires about the same. (For tire rotation, please refer to the "Emergency treatment - Owner emergency - Tire rotation" section)

Wheel balance

The wheels of the new vehicle have been dynamically balanced, but during the driving, various influences may cause the wheels to appear unbalanced; when the steering wheel shakes during driving, the wheels may be unbalanced, and the wheels need to be dynamically balanced.

The unbalanced wheels may cause excessive wear on the steering system, wheel suspension mechanism and tires.

The dynamic balance must be performed after installation of new tires or repair of tires.

Wheel alignment

Wheel misalignment will cause uneven and excessive wear of the tires, affecting driving safety. If uneven and excessive wear of the tires is found, please go to the GAC AION sales store to check the wheel alignment as soon as possible. Four-wheel alignment is required in the following cases:

◇ There are defects in driving performance, such as deviation.

◇ Chassis is damaged in accidents and related parts are replaced.

◇ Suspension parts are removed or replaced.

◇ Uneven and excessive tire wear occurs.

Tires marked with rolling direction

Some tires are marked with arrows or characters indicating the rolling direction on the sides, so these tires must be installed in the marked rolling direction. If the tire rolling direction is reversed, there may be dangers such as tire jitter, increased noise, accelerated wear, and significantly weakened grip during driving.

Instructions for storing tires

If there is no rolling direction mark on the side of the tire, before removing the tire, make a mark on the tire to indicate the rolling direction, and refit the tire according to the mark to ensure the rotation direction and the dynamic balance of the wheel are unchanged.

The removed wheels or tires shall be stored in a dry place, preferably in a dark place.

The tires mounted on the rims shall not be stored upright, and the tires not mounted on the rims shall be stored upright (the tread surfaces shall touch the ground).

Precautions for use of tires

Please read and observe the followings when using and maintaining your tires.

WARNING

- Within the first 500 km, the road adhesion of new tires is unlikely to reach the best condition. Therefore, the vehicle shall be driven carefully at a moderate speed to prevent accidents.
- I f tires burst or leak when the vehicle

WARNING (Cont'd)

is running, it is very easy to cause serious traffic accidents.

- Never use damaged tires and wheels, or use tires of which the treads have been worn to the wear indicators.
- Do not use old tires that have been used over six years.
- Do not use old wheels and tires of unknown origin under any circumstances, otherwise, the driver may lose control of the vehicle and cause traffic accidents when driving.
- Do not use recycled tires. The carcass of these tires may degrade as the service time passes, and the durability may also be restrained, impairing the driving safety.

CAUTION

- Be careful not to expose the tires to chemicals, oil, grease, fuel and brake fluid.
- I f it is found that the vehicle is abnormally vibrating or deviating, stop the vehicle immediately and check whether the tires are damaged.
- I nadequate road adhesion of tires not subject to running-in period or excessively worn can directly affect the braking effect. If uneven and excessive wear of the tires is found, please go to the GAC AION sales store for inspection as soon as possible.

Corrosion protection measures

The vehicle has effective corrosion protection. However, in order to reduce the risk of corrosion, please observe the followings:

◇ Perform regular vehicle washes to keep the body clean.

- If you drive on salty roads in winter, or live by the sea, please have your vehicle be carefully cleaned at least once a month to reduce corrosion.
- Please carefully clean the chassis on a regular basis to remove mud and dirt adhering to the chassis and wheelhouses.
- Clean the chassis in time after driving on icy and snowy roads to prevent the residual deicing salt from corroding the vehicle.

◇ Check the paint and trims of the body.

- If the paint layer is found to be chipped or cracked, it is recommended to contact the GAC AION sales store for repairs to prevent corrosion.

◇ Keep the interior of the compartments dry.

- Moisture and dust tend to accumulate under the carpet, so the underside of the carpet shall be checked frequently to ensure it is dry and clean to prevent corrosion.
- When chemicals, detergents, fertilizers, salts and others are transported, they must be stored in appropriate containers, and if spills or leaks are found, they must be cleaned immediately and the compartment must be kept dry.

◇ Use mudguards.

- When the vehicle runs in saline-alkali areas or on gravel roads, the mudguards can be used to prevent the adhesion of saline-alkali substances and the impact of gravels on the vehicle components.

◇ Park the vehicle in a well-ventilated garage or a roofed area, and do not park it in a damp and airtight environment.

Long-term storage of vehicle

A good parking environment helps prevent deterioration and makes it easy to re-operate the vehicle. If possible, park the vehicle indoors. If the vehicle needs to be stored for a long time, please make the following preparations:

◇ Before parking, make sure that the SOC of the vehicle is 50%~70%.

◇ Carry out the maintenance every three months, and before parking, charge the traction battery by slow charge and then discharge it to 50%~70%.

◇ Keep the vehicle parking environment as dry and ventilated as possible, away from heat sources.

◇ Thoroughly wash and dry the outer surface of the body.

◇ Clean the interior of the vehicle to make sure carpet, interior trims, etc. are completely dry.

◇ Open the windows on one side slightly (in the case of indoor storage).

◇ Disconnect the negative terminal of the low voltage battery.

◇ Pad the front wiper blades with a towel or a piece of cloth so that they do not come into contact with the windshield.

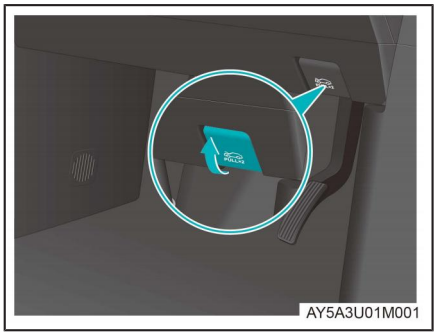
◇ Cover the body with a car cover made of a "porous material" such as cotton. Non-porous materials such as plastic sheeting may trap moisture and damage the body paintwork.

◇ If possible, start the vehicle for a short period on a regular basis (preferably once a month).

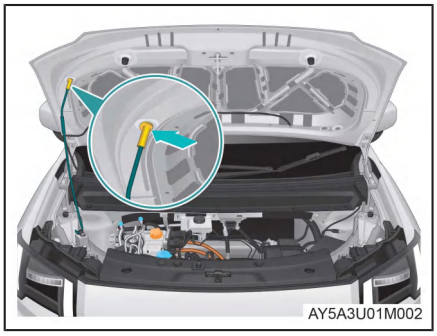
◇ If the vehicle has been parked for more than three months, please confirm whether the instrument cluster has any alarm before using it again, and if any, contact the GAC AION sales store for inspection and repair.

Opening and closing hood

Opening hood

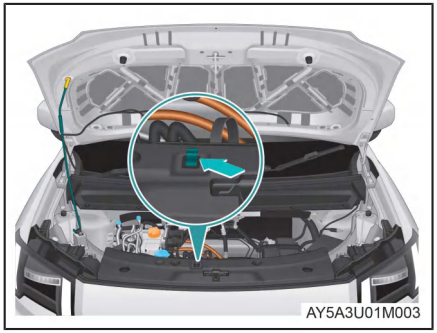


1. Pull up the hood release lever in the cab twice, and then the hood will be unlocked and pop up slightly.
2. Pull up the hood.



3. Take out the support bar and insert it into the position as shown in the figure to fix the hood.

Closing hood



1. Hold the hood by hand, and take away the stay bar to fix it to the position as shown in the figure.
2. Lower the hood to a height of about 30 cm above the front grille, and release both hands to let the hood fall freely so as to be locked.

WARNING

- After opening the hood, make sure that the stay bar firmly supports the hood to prevent the hood from being closed suddenly.
- Before driving, ensure that the hood is closed and locked, otherwise, it may suddenly open during driving, resulting in accidents.

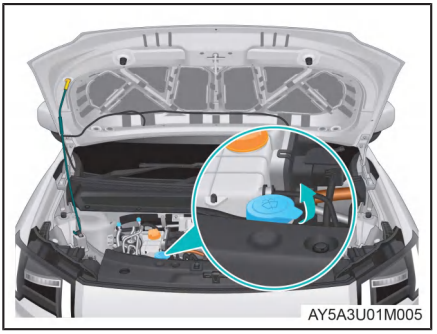
CAUTION

- Before closing the hood, be sure to fix the stay bar with the retaining clips. If the hood is closed and the stay bar is not properly returned to the original position, the hood may be deformed.

NOTE

- Before closing the hood, make sure that no tools, waste cloth, etc. are left in the motor compartment.
- The motor compartment of some models is different from the image and subject to the actual vehicle.

Adding windshield washer fluid



Open the hood, open the washer fluid reservoir cap as arrowed, and check the washer fluid in the reservoir. If the washer fluid level is too low, please add the washer fluid or a mixture of washer fluid and water.

WARNING

- Do not add any additives to the windshield washer fluid, otherwise oil stains or other debris will be left on the windshield during cleaning, which will affect the driver's visibility.
- If the windshield washer fluid spills on your hands or eyes, rinse immediately with clean water.

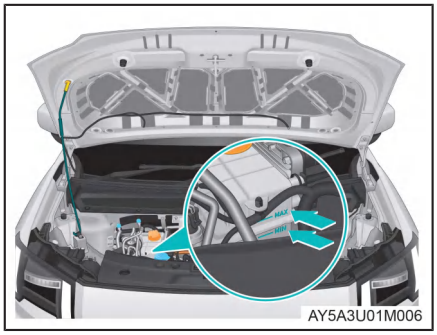
CAUTION

- Do not use other liquids in place of washer fluid, as this may cause streaks on the vehicle paintwork.
- Do not mix windshield washer fluid and cleaning agent, as this may block the windshield washer nozzle.

NOTE

- It is difficult to wash the windshield thoroughly with pure water.
- The motor compartment of some models is different from the image and subject to the actual vehicle.

Checking coolant



Open the hood, and check the coolant level in the expansion tank. If it is below the "MIN" mark, please fill the expansion tank with coolant to the level between the "MIN" and "MAX" marks in time.

WARNING

- Do not remove the filler cap when the vehicle is hot to avoid burns.
- The coolant must be stored in marked containers out of the reach of children.
- If the coolant spills on your hands or eyes, rinse immediately with clean water.

CAUTION

- If the coolant is spilled during refilling, wipe it off with a rag to prevent damage to the parts or paintwork.
- I t is recommended to go to the GAC AION sales store to add or change the coolant.
- Use the same coolant as the original one, and do not mix different types of coolant.

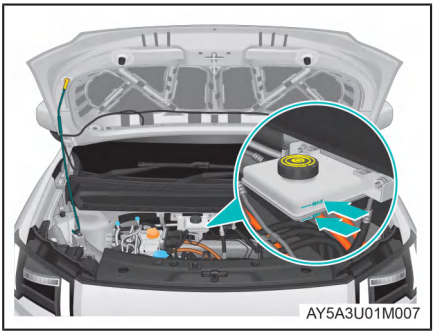
NOTE

- The motor compartment of some models is different from the image and subject to the actual vehicle.

Environmental protection:

- Always dispose of the coolant in compliance with environmental laws and regulations, and do not dump it directly into garbage heaps, sewers, or on the ground.

Checking brake fluid



Open the hood, and check the brake fluid level in the brake fluid reservoir. If it is below the "MIN" mark, please fill the brake fluid reservoir with brake fluid to the level between the "MIN" and "MAX" marks in time.

WARNING

- The brake fluid must be stored in marked containers out of the reach of children.
- If the brake fluid spills on your hands or eyes, rinse immediately with clean water. If you still feel unwell, seek medical attention.

CAUTION

- Do not spill the brake fluid on the paintwork. If the brake fluid is spilled on the paintwork, please wash it with water immediately.
- It is recommended to go to the GAC AION sales store to add or change the brake fluid.
- Use the same brake fluid as the original one, and do not mix different types of brake fluid.

NOTE

- The motor compartment of some models is different from the image and subject to the actual vehicle.

Environmental protection:

- Always dispose of the brake fluid in compliance with environmental laws and regulations, and do not dump it directly into garbage heaps, sewers, or on the ground.

A/C filter

The A/C filter is located in the forefront of the console. Regular cleaning of the A/C filter can keep the air in the compartments fresh.

CAUTION

- To avoid damage to the vehicle by yourself, it is recommended to contact the GAC AION sales store for the cleaning of the A/C filter.

NOTE

- Clean the A/C filter element according to the "Maintenance instructions -Regular maintenance" section in the *Warranty Manual*. In dusty or heavy traffic areas, the cleaning interval shall be shortened accordingly.
- Before using the A/C system, make sure that the A/C filter element is properly installed.

Checking and replacing fuse

All circuits on the vehicle are fused to prevent damage to electrical consumers due to short circuits or overloading.

If any electrical component fails to work, a fuse may be blown. If this happens, check and replace the fuse if necessary.

Check and replace the fuse in the following steps:

1. Turn off the vehicle power switch.
2. Open the fuse box cover.
   - Motor compartment fuse box

     The motor compartment fuse box is located at the left rear of the motor compartment. You can open the hood, and press the buckles on both sides of the fuse box while pulling up the fuse box cover to check the motor compartment fuse.
   - Instrument panel fuse box

     The instrument panel fuse becomes accessible after the driver side lower guard plate assembly is removed.
3. Remove the fuse from the fuse box.
4. Check the wire inside the fuse and replace it if it is blown.
5. If the fuse is blown, replace it with a spare fuse of the same amperage rating.
6. After replacing the fuse, check whether the electrical components restore normal work. If the operation returns to normal, install the motor compartment fuse box cover or the driver side lower guard plate assembly.

CAUTION

- Never use a fuse higher than the amperage rating, or substitute any other item for the fuse, as this may result in the vehicle damage, fire or personal injury.
- Do not replace the fuse with a wire, even temporary replacement is not allowed.
- Do not modify the fuse or fuse box.
- Keep the inside of the fuse box clean and protect it from moisture.
- If the correct fuse is installed but the fuse is still blown within a short time or the electrical components do not restore normal work, it indicates that the vehicle may have an electrical system failure, and it is recommended to contact the GAC AION sales store for inspection and repair.

Low voltage battery maintenance

Checking low voltage battery

Frequently check the battery surface and the positive and negative terminals, ensuring that the positive and negative terminals of the battery are not loose or corroded.

Check the appearance of the battery for cracks, swelling, etc. If there is the above symptom, it is recommended to contact GAC AION sales store for repair as soon as possible.

For more inspection and maintenance items, please refer to the "Maintenance instructions - Regular maintenance" section in the *Warranty Manual*.

Replacing low voltage battery

Always use the battery of the same type and specification to replace the battery. It is recommended to contact the GAC AION sales store to remove, replace or install the battery.

Environmental protection:

- The recycling of the battery must be carried out by a qualified unit to avoid pollution to the environment and damage to the operator.

Vehicle storage

Due to natural discharge and the wear-out effect of certain electrical consumers, the power stored in the battery is gradually depleted even when the vehicle is not in use. If the vehicle is not in use for a long time, the battery power may be exhausted and the vehicle may fail to be started. Therefore, the negative terminal of the battery should be disconnected, and the battery power should be checked regularly. If necessary, start the vehicle to charge the battery.

When the low voltage battery has been depleted causing the vehicle to fail to start, please contact the GAC AION sales store for replacement to start your vehicle.

WARNING

- Do not attempt to start your vehicle by jumper cables and low voltage batteries from other vehicles. If the jumper cables are connected or disconnected in the wrong order, an electrical short circuit may occur, resulting in vehicle damage or injury, and the consequent repairs are not covered by the warranty.
- When removing the battery terminals, be sure to remove the negative terminal first. If the positive terminal is removed and it touches any metal in the surrounding area, it may spark and cause a fire, and possibly an electric shock, resulting in serious injury or even death.
- Before reconnecting the battery, turn off all electrical consumers on the vehicle. Connect the positive terminal first and then the negative terminal. Never install the terminals in the wrong order, as there will be a risk of fire.
- The battery shall be kept away from heat sources and open flames, and ventilation shall be maintained during charging and use, otherwise it may cause fire or personal injury.
- Always check whether the battery terminal clamps are firm and in good contact to avoid sparks and battery explosions.
- The hydrogen gas generated when the battery is charged is flammable and explosive, so when using a charger to charge the battery, be sure to remove the battery.
- Always wear safety goggles when working on the battery and be careful not to let any battery electrolyte come into contact with your skin, clothing or body.
- If the battery electrolyte comes into contact with your skin or eyes, rinse immediately with water and seek

WARNING (Cont'd)

medical attention. The contact area shall always be covered with a damp sponge or a piece of damp cloth until you see a doctor.

- Always wash your hands after working on the battery bracket, terminals, and other battery-related parts.
- Do not lean over the battery.
- Keep children away from the battery.

CAUTION

- Avoid battery overcharging or long-term power loss.
- Avoid long-term high-current discharge of the battery.
- Avoid prolonged use of electrical equipment when the vehicle is not started, which may cause the battery to lose power.
- Firmly install the battery on the vehicle to avoid vibration.
- The oxides and sulfates produced by the battery terminal clamps must be cleaned up, and Vaseline shall be applied to avoid re-corrosion.
- When the vehicle runs in a cold region, do not discharge the battery completely to avoid freezing of the battery electrolyte.

Maintenance of traction battery

Precautions for use and maintenance of traction battery

DANGER

- It is strictly forbidden to remove, disassemble or modify the traction battery, or use the traction battery for other purposes.
- The traction battery shall be placed out of the reach of children.
- The traction battery shall be kept away from fire sources to avoid fires or explosion.
- It is forbidden to spray, trample, hit or destroy the traction battery to avoid leakage, fires or explosion of corrosive chemicals.
- It is strictly forbidden to touch the positive and negative poles of the traction battery case with both hands at any time.
- It is strictly forbidden to perform operations such as squeezing, piercing or burning that damage the battery system for the traction battery.
- If the traction battery suffers severe mechanical damage, resulting in the exposure of internal high-voltage components, there is a risk of violent combustion and electric shock, which may cause serious casualties and environmental pollution.
- The traction battery damage or electrolyte leakage may cause a fire. If it happens, it is recommended to contact the GAC AION sales store immediately. Do not touch the leaked electrolyte with hands. If the skin or eyes come into contact with the electrolyte accidentally, rinse the skin or eyes immediately with plenty of water, and seek medical attention immediately.
- Since the traction battery pack is a high-voltage component, it is strictly prohibited to open or repair the traction battery pack by non-profession.

CAUTION

- The traction battery is located at the bottom of the vehicle. During driving, take care not to have the traction battery impacted or flooded.
- The vehicle not used for a long period of time shall be subjected to scheduled maintenance; otherwise, the performance degradation of the traction battery will occur.
- In order to give full play to the performance of the traction battery, try to avoid full charging and full discharging.
- The operating environment of the vehicle shall be dry, free of corrosive, explosive or destructive insulation gases or conductive dust, and away from heat sources.
- Avoid frequently using the high-power DC fast charge method to charge the vehicle, because it will affect the life of the traction battery.

NOTE

- The vehicle uses the traction battery to store electric energy and can be charged repeatedly. Ensure that the traction battery is fully charged before driving. During driving, the traction battery is discharged gradually. When the traction battery is low, it must be charged; otherwise, the vehicle cannot be driven.
- The time required to charge the traction battery is affected by the charging power, battery SOC, battery temperature, vehicle service time, ambient temperature and other conditions.

NOTE (Cont'd)

- For a new vehicle, when the traction battery is in the normal state, due to driving styles (such as frequent acceleration and deceleration), road conditions (such as long-time continuous climbing) and temperature (such as low temperature), the range of this vehicle will be appropriately reduced, which is normal.
- In summer, park the vehicle in a cool environment and try to avoid direct sunlight.
- When the chassis area of the vehicle is bumped, it is recommended to contact the GAC AION sales store for inspection and maintenance.

Precautions for LFP traction battery

If your vehicle is equipped with a LFP traction battery, please read and observe the followings.

NOTE

- To keep the vehicle traction battery in the best condition, please fully charge the traction battery at least once a week, and fully charge it after deep discharge once every 3~6 months. (Deeply discharge the battery to make its SOC below 10%)
- When the vehicle detects that you have not performed full charge operation for a long time, it may automatically perform a self-test, and the self-test process will consume some power.

Recycling of traction battery

The traction battery is a safety component. For maintenance, repair, removal, installation, reuse or disposal of the traction battery, it is recommended to consult the GAC AION sales store.

When the traction battery needs to be replaced or scrapped, it is recommended to contact the GAC AION sales store for

recycling and disposal. The sales store will record the vehicle and owner traceability information through the traceability system.

DANGER

- If the traction battery is not handled correctly, electric shock and serious injury or even death may be caused. The removal, disassembly and discarding of the traction battery without authorization will cause pollution to the environment, and the vehicle owner shall bear the corresponding responsibility for the resulting environmental pollution or safety accidents.

WARNING

- When the vehicle must be scrapped, it is recommended to contact the GAC AION sales store for recycling and disposal. If you come into contact with high-voltage parts, cables and their connectors and other high-voltage components when removing the traction battery without authorization during vehicle scrapping, there may be a serious risk of electric shock.

Discharging description

Introduction to discharging methods
Household appliances of this vehicle can be charged with an external device of the vehicle (i.e. vehicle to load (V2L)).

◇ V2L: 220 V power can be supplied to household appliances (e.g. mobile phones and computers) with a V2L discharger.

Discharging status instructions
The discharging indicator lamp and the charging indicator lamp are the same indicator, both of which are a vehicle turn signal lamp. The status of the vehicle when discharging is as follows:

Indicator status	Meaning
The yellow lamp stays on.	Waiting or being stopped by the user
The yellow lamp flashes for seconds.	Enter discharging successfully

Precautions for external discharging
Please carefully read and observe the following instructions before discharging.

WARNING

- It is prohibited to alter or dissemble the discharging connection device without permission, otherwise it may lead to discharging failure or even a fire.
- Discharging under exceptions, such as scratches, rusting, and ruptures of the discharging connection device and surface damages of the discharger, the discharging cable, and the discharging power strip, is forbidden.
- Discharging is forbidden, when the charger, the discharger, or the charging inlet is deformed, blackened, or ablated, otherwise the vehicle or the discharging connection device may be damaged or personal injury may be caused.
- Discharging is forbidden when there are flammable materials. Discharging in a ventilated place is suggested.
- Minors are not allowed to use the discharging connection device, and shall not approach the vehicle during discharging.
- Discharging outdoors is forbidden during rain and thundering. Rainwater or a humid environment may cause electric leakage of the device, and thunders may damage the device.
- To avoid personal injury, it is prohibited to touch the discharging cable and the discharging power strip during discharging.
- Users with medical devices such as an implanted cardiac pacemaker should stay away from a discharging vehicle, as electromagnetic interference can affect the normal function of such medical devices.
- In case of an odor or smoke during discharging, please stop discharging immediately and contact the GAC AION sales store.
- It is prohibited to disconnect the discharging connection device with a wet hand or by standing in water upon discharging, otherwise it may cause an electric shock and personal injury.

CAUTION

- Do not directly pull or drag the cable to move the discharging connection device. Instead, the device should be handled gently.
- Please check whether the charger, the discharger, and the charging inlet are clean without any foreign body before discharging, otherwise it may cause discharging failure or damage to the charging inlet.
- When inserting the charger/discharger,

CAUTION (Cont'd)

press the charger/discharger button so that the charger/discharger is inserted parallel to the charging inlet, and avoid shaking and violent handling, otherwise the charging inlet will be damaged.

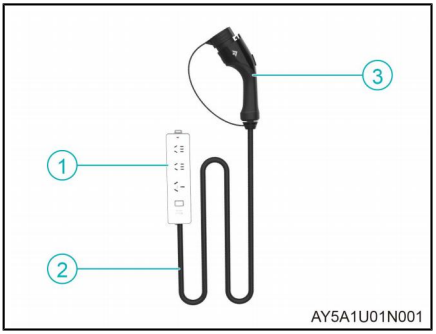
- Do not use a high-pressure washing device to wash the charging inlet during discharging, otherwise discharging may fail, or even the vehicle or the discharging connection device may be damaged.
- Make sure the discharging connection device is disconnected and the charging inlet cap is closed, before starting the vehicle.

NOTE

- It is suggested that the discharging function should be used when the environment temperature does not exceed 55°C.
- For external discharging in a low temperature, try to do so indoors to ensure normal discharging. If the temperature is too low, the external discharging function may not work normally.
- Try to discharge when the power battery level is high, otherwise the function may be limited.
- It is possible that the external discharging function cannot be enabled when the vehicle battery is low.
- External discharging may automatically stop, when the vehicle battery is low.
- It is suggested that external discharging should be used when the vehicle battery is adequate.
- Discharging can only be done when the vehicle is parked.
- Unplug the vehicle's discharger promptly when the discharging device is not used, to avoid an increase in electricity consumption.
- The vehicle's maximum external discharging power is 3.3 kW, and the discharging voltage is 220 V. It is recommended that the maximum power of electrical equipment does not exceed 3kW.
- The stop value of discharging (discharging will stop at the value) can be set on the center console display.

External discharging

V2L discharger

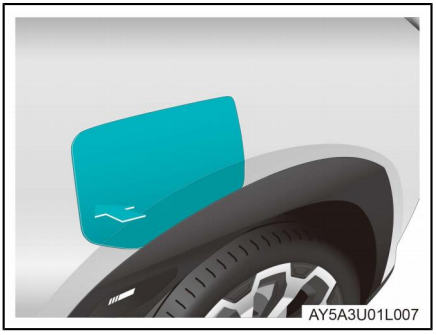


① Discharging power strip

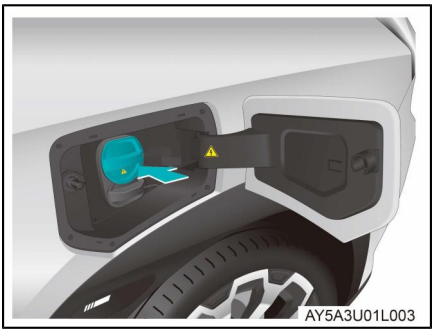
② Discharging cable

③ Discharger

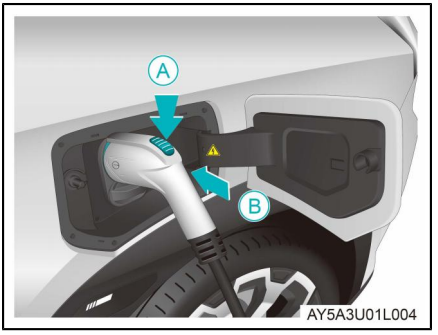
V2L method



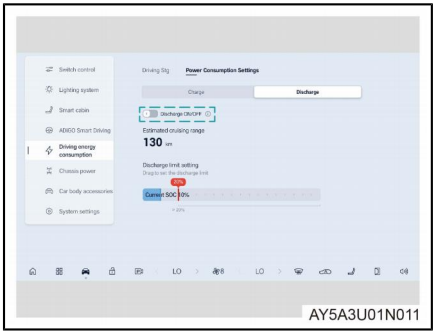
1. Unlock the vehicle, and press the rear edge of the charging inlet cap to open it.



2. Open the dust cover of the AC charging inlet.



3. Insert the discharger in the direction of arrow B, while pressing the discharger button in the direction of arrow A.

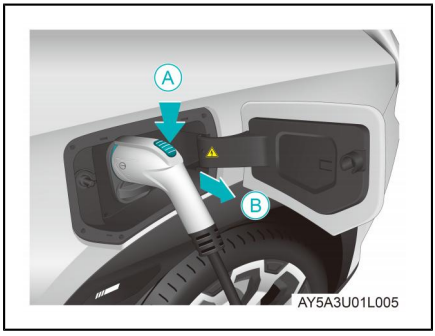


4. Tap the discharging soft key on the center console display within 140 s to turn on the discharging function. The red indicator lamp of the discharging power strip will turn on. Please connect the electrical consumer.

NOTE

- For some models, it can be set via the center console display that the discharging function will automatically turn on without pressing the discharging switch for V2L discharging.

5. Unplug the discharging power strip upon discharging. Disable the discharging function on the driving and energy consumption interface. The indicator lamp of the discharging power strip will be turned off.



6. Upon discharging, press the discharger unlocking button in the direction of arrow A, while unplug the discharger in the direction of arrow B.
7. Cover the charging inlet with the dust cover, close the charging inlet cap, and tidy up the charging device. Discharging is completed.

NOTE

- When discharging, you can also turn on the discharging function through the center console display first, and then connect the discharger within 140 s.
- For discharging, if the discharging function is not turned on or the discharger is not connected within 140 s, you need to re-enter the function.
- The electronic lock will lock the discharger during external discharging to prevent the discharger from being stolen or the discharging function from being discontinued.
- The electronic lock will lock the discharger again, if the discharger is unlocked during discharging and is not unplugged for a long time.
- Connect the discharger and tap the discharging soft key on the center console display each time external discharging is completed and you want to enter the function aagain.
- The above V2L discharger is exclusively supplied by AION. If you need one, please contact the GAC AION sales store.
- The discharger exclusively supplied by AION is recommended to avoid an impact on the external discharging function.

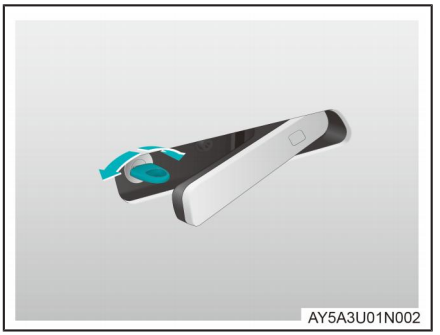
Emergency unlocking/ locking

The emergency unlocking/locking features of this vehicle include emergency unfolding of mergency unlocking/locking by mechanical key, emergency locking of passenger's door, automatic unlocking program in case of collision, emergency unlocking device of liftgate, and emergency unlocking device of charger.

Emergency unlocking/locking via the mechanical key

When the doors cannot be unlocked/locked by either the smart key or remote vehicle control, the doors can be unlocked/locked using the mechanical key. The steps are as follows:

1. Press the front side of the door handle toward the vehicle so that the rear side is popped up slightly.



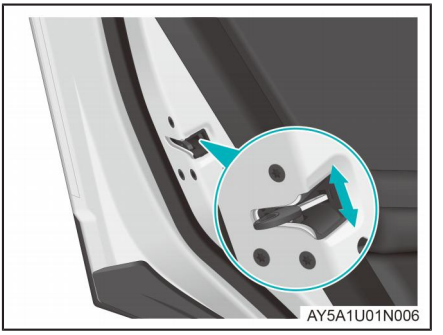
2. Unlock or lock the doors by inserting the mechanical key into the keyhole and turning the key.

NOTE

- When the flush-fit door handle can not be unfolded due to icing, you can use a straight screwdriver and other small tools with a small tip to clean up the ice around the handle and then unfold it.

Emergency locking of passenger's door

1. Open the passenger's door to be locked.



2. Insert the mechanical key into the keyhole in the door lock, turn the key downward to the locked position, pull out the mechanical key, and close the door to lock the door.

NOTE

- All passenger's doors support emergency locking.
- After the vehicle is locked with the smart key, the anti-theft alarm will be triggered if you use the mechanical key to unlock the door. In this case, enter the vehicle, place the smart key at the mark, depress the brake pedal and power on the vehicle to release the anti-theft alarm.

Collision-sensitive unlocking

When a collision is detected, all doors will be unlocked automatically and the locking function of the vehicle will be disabled temporarily.

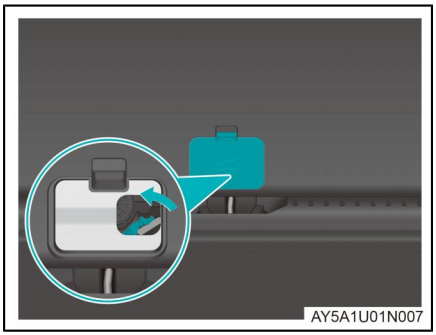
NOTE

- Depending on the force and range of the impact, the automatic collision-sensitive unlocking function may be invalid in extreme cases.

Emergency unlocking of liftgate

When you cannot open the doors and liftgate normally inside the vehicle in an emergency, the liftgate can be unlocked with the emergency unlocking device of liftgate. The specific steps are as follows:

1. Enter the trunk.

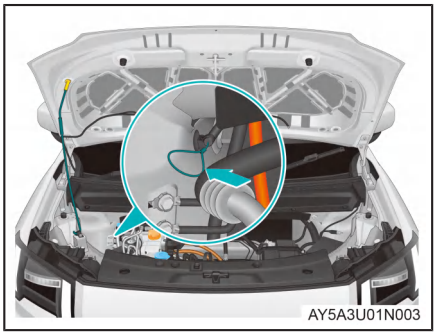


2. Remove the liftgate emergency unlocking port cover from the liftgate guard plate. Toggle the unlocking switch in the direction of the arrow as shown to unlock the liftgate.

Emergency unlocking of charger

If the charger cannot be unlocked by the charger unlocking button on the smart key or the AION App, it can be unlocked by the emergency unlocking device of charger. The specific steps are as follows:

1. Open the hood and support it firmly with the stay bar.



2. Pull the charger manual unlocking cable to unlock the charger.

Window initialization

If the express-up & down function and anti-pinch function of power window fail, or the anti-pinch function fails because it is triggered multiple times in a short period of time, the power window needs to be initialized again.

Window initialization operation

1. After starting the vehicle, press the window button to completely open the window.
2. Pull the window button (of the window needing initialization) until the window is completely closed, and then hold the button pulled for 3-4 s.
3. Press the window button again to lower the glass to the bottom until the window is fully opened, and hold for 3-4 s to complete the initialization.

WARNING

- During the initialization, the anti-pinch function of the window is disabled. Therefore, please do not use any part of your body or other objects to hinder the closing of the window; otherwise, it may lead to initialization failure or window damage, or even personal injuries.

NOTE

- If the button is released during the window movement, reinitialize the window.
- If the express-up & down function and anti-pinch function of power window are still not recovered after the initialization, contact the GAC AION sales store for inspection and repair.

Initialization of sunshade

In some cases (such as sudden battery loss, long-term stop or repeated malposition of sunshade), the sunroof/sunshade may need manual initialization and self-learning.

Sunshade initialization operation

After the sunshade is fully opened, long press the sunshade opening soft key on the center console display for a period of time. After the opening soft key turns gray, long press the sunshade closing soft key. Hold it for 2 s after the sunshade is closed completely to complete the initialization of the sunshade.

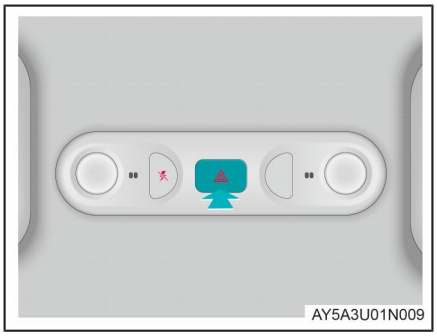
WARNING

- The anti-pinch function of the sunshade is disabled during the initialization and learning; therefore in this process, do not try to hinder the closing of sunshade by stretching any body part or placing any obstacles, otherwise, damage may be caused and the initialization result may be affected.

NOTE

- If the automatic closing function and anti-pinch function of the sunshade are still not recovered after the initialization, contact the GAC AION sales store for inspection and repair.

Turning on hazard warning lamp


AY5A3U01N009

If the vehicle is faulty or involved in a traffic accident, please turn on the hazard warning lamp to alert other vehicles.

The hazard warning lamp can be turned on or off by pressing the switch.

CAUTION

- When the vehicle is powered off, do not turn on the hazard warning lamp unless necessary, so as to prevent the battery from running out of power.

NOTE

- If the hazard warning lamp cannot work properly, other methods that comply with the relevant traffic rules and regulations must be taken to draw the attention of other drivers to your vehicle.

Wearing reflective vest


AY5A1U01N013

The vehicle is equipped with a reflective vest, which you can put in the cabin for use when needed.

WARNING

- If you need to get out of your vehicle to check or handle vehicle faults during driving, regardless of the lighting conditions, be sure to wear a reflective vest to attract the attention of passersby or other drivers.

NOTE

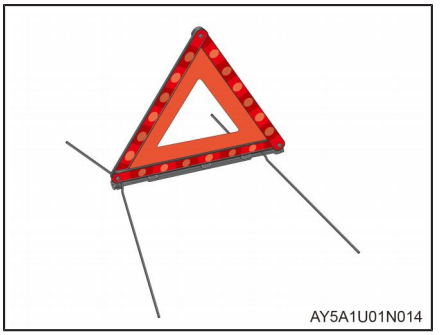
- If the reflective vest is seriously damaged or dirty, it will affect the reflection effect. It is recommended to replace the reflective vest with a new one in time.

Setting up warning triangle

Location of warning triangle

The vehicle is equipped with a warning triangle, which is placed under the trunk carpet and can be used after taking it out and unfolding it.

Placement distance of warning triangle



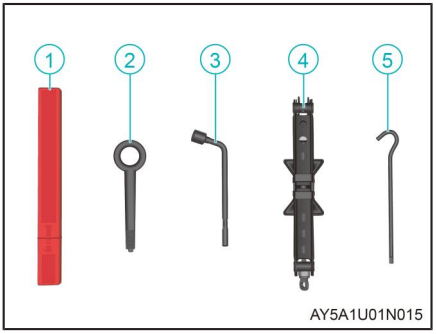
Item	Ordinary road	Highway
Placement distance L	Day: L ≥ 50 m Night: L ≥ 80 m Special circumstances (rain or bend, etc.): L ≥ 150 m	L ≥ 150 m

NOTE

- The value provided here is for reference only.
- Please use the warning triangle correctly according to the corresponding national laws and regulations.

Introduction to driver's tools

The driver's tools are located under the trunk carpet.



① Warning triangle

② Towing hook

③ Wheel bolt wrench

④ Jack

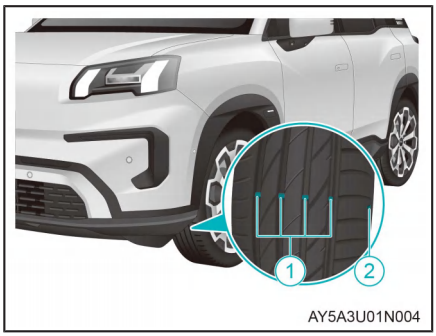
⑤ Special wrench for jack

NOTE

- In order to deal with various emergencies, you shall be familiar with the locations and usage of tools such as towing hooks.
- The used tools shall be cleaned in time and placed back to their original positions.
- Depending on vehicle configurations, the driver's tools may vary. For specific driver's tools, the configuration of the actual vehicle shall prevail.

Tire rotation

Inspecting the wear pattern of tire



There is a raised "tread wear indicator" ① on the front of the tire. If the tread pattern wears to the indicator surface, the tire can no longer be used safely and must be replaced immediately.

The position of the tread wear indicator is indicated by the pattern ② on the sidewall of each tire.

Tire rotation

Regular tire rotation is recommended to avoid uneven tire wear and extend the service life of tires.

After tire rotation, adjust the tire pressure to the standard value.

Tire burst

If a tire burst occurs during driving, operate as follows:

1. Hold the steering wheel with both hands, and do not allow it to rotate freely.
2. Decelerate slowly by depressing the brake pedal gently at the same time.
3. Ensure that the vehicle runs straight ahead in the original direction.
4. After the vehicle speed drops, drive the vehicle slowly to park it in a safe area.
5. Replace the tire or make a rescue call as needed.

WARNING

- Do not depress the brake pedal sharply; otherwise, the vehicle may lose balance and thus turn over.
- Turn on the hazard warning lamp timely, and place a warning triangle behind the vehicle as specified to avoid secondary accidents.

NOTE

- For tire position change or rotation, it is suggested you contact the GAC AION sales store.

Spare tire

The spare tire is located in the trunk. The spare tire shall not be removed before the trunk carpet and driver's tools are removed.

Unscrew the spare tire fixing handwheel in the direction of the arrow shown in the figure, and take out the spare tire.

CAUTION

- Check the pressure of the spare tire regularly to ensure that it is at the standard value.
- Check the spare tire regularly, and do not use a damaged spare tire.
- Check whether the tire pressure is at the standard value after the spare tire is installed.
- Do not place the oil and spare tire together to avoid corrosion of the spare tire due to oil leakage, which will reduce the service life of the spare tire.
- It is recommended to replace a spare tire that has been used for more than 4 years.

NOTE

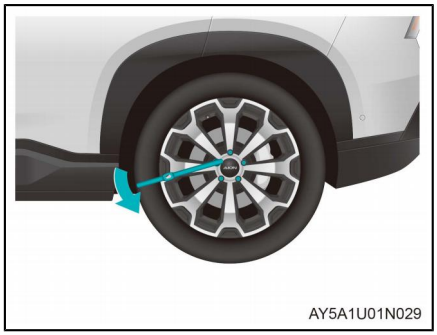
- Spare tires can only be used temporarily for emergency. In this case, the maximum driving speed shall not exceed 80 km/h, the traveled distance shall not exceed 50 km, and sharp acceleration and emergency braking shall be avoided.
- The vehicle is equipped with non-full-size spare tires.

Replacing tires

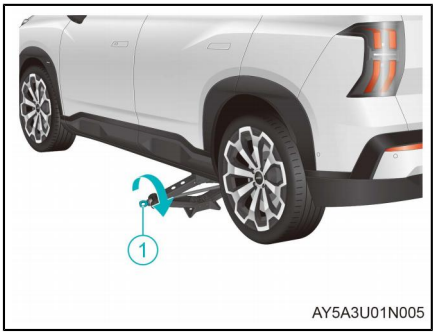
Preparations:

- ◇ Park the vehicle in a hard, flat and safe place.
- ◇ Shift to "P" position to enable the parking brake.
- ◇ Turn on the hazard warning lamp.
- ◇ Make sure that all occupants get off the vehicle and wait in a safe place.
- ◇ Switch off the vehicle power supply.
- ◇ Place a warning triangle behind the vehicle as specified according to the actual situation.
- ◇ Place a stopper in front of tire in the diagonal direction of the flat tire to prevent the vehicle from sliding.
- ◇ Take out the driver's tools such as the jack and wheel bolt wrench.
- ◇ Take out the spare tire.

Remove a damaged tire in the following steps:

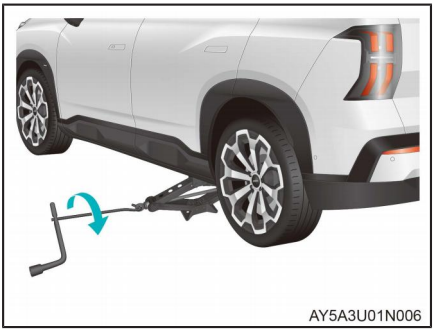

AY5A1U01N029

1. Turn the wheel bolts counterclockwise with the wheel bolt wrench, to loosen them by 1~2 turns.

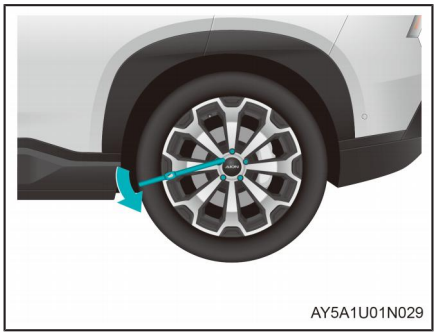


AY5A3U01N005

2. Turn the jack ① clockwise so that the jack is close to the lifting point of the body.


AY5A3U01N006

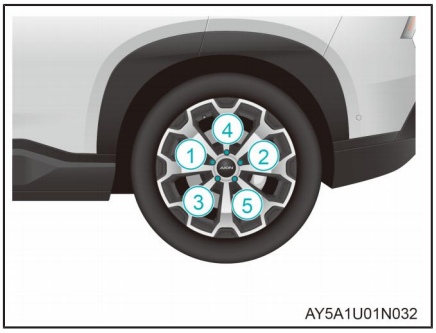
3. Insert the special wrench for jack into the jack, turn the special wrench for jack clockwise with the wheel bolt wrench, and slowly raise the jack to lift the tire off the ground slightly.


AY5A1U01N029

4. Remove the wheel bolts, and take off the damaged wheel.

Install the spare tire in the following steps:

1. Before installing the spare tire, wipe off all corrosives from the mounting surface with a rag.
2. Place the spare tire vertically in the installation position, align the bolts with the bolt mounting holes, and try to tighten the wheel bolts by hand, and then, slightly pre-tighten the wheel bolt with the wheel bolt wrench.
3. Lower the vehicle.



AY5A1U01N032

4. Tighten the wheel bolts to the specified torque in the order shown in the figure.
5. Take out the jack, place the replaced tire and all the driver's tools back to the trunk and fix them.

After tire replacement, check the followings;

◇ Check the tire pressure after the replacement, and adjust the tire pressure to the standard value. If the tire pressure is lower than the standard value, drive the vehicle slowly to the nearest GAC AION sales store for inflation.

◇ Make sure that all the driver's tools have been properly placed.

⚠ WARNING

- The areas around the hub and brake will be very hot after driving. In this case, do not touch the area around the hub or brake immediately; otherwise, it may cause a scald.
- Do not install wheel trims that have been severely damaged; otherwise, they may detach from the wheel during driving, causing a traffic accident.
- Do not use cracked or deformed wheel bolts; otherwise, the wheel bolts may get loose or the wheel may detach, causing a traffic accident.

WARNING (Cont'd)

- Before lowering the vehicle after tire rotation, make sure that no part of the body of all personnel will be injured as the vehicle is lowered to the ground.

NOTE

- For vehicles equipped with a tire pressure monitoring system, it is recommended to contact the GAC AION sales store for tire rotation or replacement.
- The tire and rim used in the illustration above are for reference only. Please refer to the actual vehicle.

Emergency start of vehicle

Smart key emergency

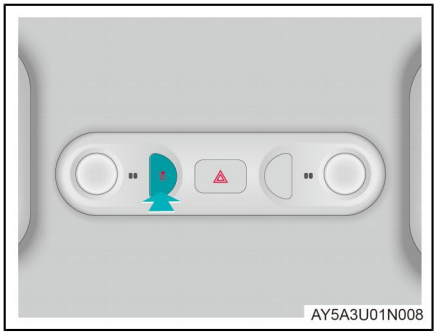


When the battery of smart key runs out or is low, enter the vehicle, place the smart key at the mark, depress the brake pedal and power on the vehicle, and then move the gearshift lever as soon as possible start the vehicle.

NOTE

- After emergency power-on, move the gearshift lever as soon as possible start the vehicle; otherwise, power on the vehicle again.

Emergency poweroff of vehicle



When the vehicle is powered on or in motion, pressing the emergency power off switch will prompt a related message on the instrument panel. At this time, holding the emergency power off switch for a period or pressing the switch three times in quick succession will initiate an emergency power off.

After the emergency power off, the instrument panel will display a message indicating that shifting gears can resume driving. Shifting gears with the gear stalk will allow the vehicle to resume driving

CAUTION

- If the emergency power off switch fails when the vehicle is powered on, a related warning message will appear on the instrument panel. Please contact the GAC AION sales store for inspection and repair as soon as possible.

Getting out of a trap

If the vehicle is stuck on a soft road such as sandy, muddy or snowy road, follow the steps below to get out of a trap:

1. Power off the vehicle, and remove mud, snow or sand around the front wheels.
2. Place wooden blocks, stones or other objects under the front wheels to help increase the adhesion and friction.
3. Start the engine and accelerate the vehicle slowly to get the vehicle out of the trap.

WARNING

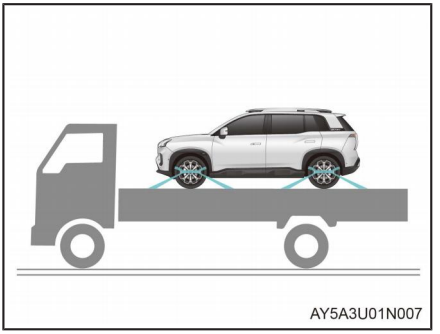
- If the vehicle is to be driven out of the trap by pushing the vehicle from the front and rear, make sure that the surrounding area is spacious and unimpeded to avoid colliding with other vehicles, objects or people. When the vehicle is driven out of the trap, it may suddenly rush forward or backward, so extra care shall be taken.

NOTE

- If the vehicle still cannot get out of the trap after several attempts, it is required to have a tow truck for rescue.

Vehicle towing

If the vehicle needs to be towed, it shall be towed by the GAC AION sales store or a professional towing company.



It is recommended to use a flatbed trailer.

CAUTION

- Keep the front and rear wheels off the ground during vehicle towing.
- Towing with a hoist trailer is prohibited; otherwise, the vehicle may be damaged.

NOTE

- For towing, be sure to use the safety chain system and comply with the relevant national/provincial (municipal) and local laws and regulations.

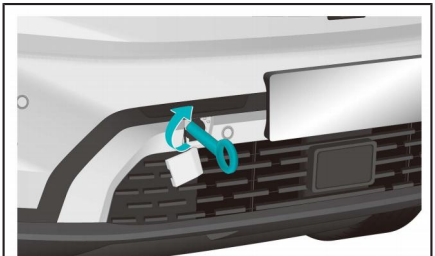
Installing a towing hook

The front and rear tow hooks are installed in the same way, and the following content is the front tow hook installation method.



AY5A3U01N012

1. Open the towing cover at the lower right of the front bumper.



AY5A1U01N028

2. Insert the towing hook into the towing port, turn it clockwise and tighten it.

WARNING

- When installing a towing hook, make sure to tighten it. If the towing hook is loose, it may fall off during towing, causing serious personal injuries or vehicle damage.
- If the vehicle is stuck in mud or sand, or if it is required to pull the vehicle out with a towing hook due to other circumstances, make sure to observe the precautions related to getting the vehicle out of a trap; otherwise, the towing rope or chain may break due to the excessive tension applied, thus causing serious personal injuries or vehicle damage.
- During vehicle towing, the driver must sit in the vehicle to control the steering wheel and brake pedal to avoid personal injuries and vehicle damage during towing.

CAUTION

- Before towing, check whether the towing hook is broken or damaged.
- Straight-line towing shall be kept as much as possible. Do not tow the vehicle from one side or at a vertical angle to avoid damaging the towing hook and the vehicle.
- Do not yank the towing hook. The force application shall be smooth and balanced.
- Do not fix the towing rope or chain to a suspension component.
- If the vehicle is difficult to move, do not continue the towing, and contact the GAC AION sales store for towing.
- Towing with a towing hook is only used to help get the vehicle out of the poor road. Driving by towing is prohibited; otherwise, it may cause damage to the vehicle.

Rescue in case of driving through water

If water may enter the vehicle during driving through water, follow the steps below:

1. Drive the vehicle away from the water-logged road section, park it in a safe place, and check whether there is water inside the vehicle. If so, clear it.
2. If the vehicle cannot be driven away from the water-logged road section, switch off the vehicle power supply immediately.
3. Disconnect the negative battery terminal if conditions permit.
4. Call the AION's customer service hotline for rescue.
5. If the vehicle is flooded severely, all occupants should be evacuated to a safe place immediately.

WARNING

- If the vehicle is soaked in water or falls into water accidentally for weather or special reasons, it is forbidden to power on the vehicle; otherwise, it may cause accidents or secondary damage to the vehicle.

Rescue in case of battery leakage

WARNING

- If a vehicle collision causes the traction battery fluid leakage, a professional rescuer shall wear a protective mask and solvent isolation gloves, and shall not touch the fluid directly.
- If the leaked fluid is touched accidentally, try to remove the contaminated clothes and immediately rinse the related part with soap and plenty of water for 15 min until no chemicals remain. In case of an uncomfortable symptom, seek medical attention immediately.

Rescue in case of vehicle fire

After the vehicle catches fire, immediately leave the vehicle and evacuate to a safe place, and call the police and rescue phone number.

After the vehicle fire is extinguished, it is recommended to contact the GAC AION sales store for treatment; in this case, do not touch the vehicle subjected to the fire accident to avoid accidents such as electric shock and burns.

DANGER

◆ When the instrument cluster displays a message "Safe parking, emergency leaving" and sends a buzzer sound, it means that the internal temperature of the battery rises sharply and an accident of thermal runaway (overheating, fire, explosion) will occur. In this case, immediately park the vehicle safely and stay away from the vehicle.

In order to prevent vehicle fires timely and effectively, pay attention to the followings during use:

◇ Never store flammables or explosives in the vehicle.

- In hot summer days, if flammables or explosives such as lighters, cleaning agents and perfumes are stored in the vehicle, fire and even explosion is likely to occur.

◇ Never modify the electrical circuits or install additional electrical components.

- Installation of additional electrical consumers (such as high-power audio device) will cause excessive load on the electrical line, causing overheating and even fire of harnesses.

◇ Go to the GAC AION sales store for inspection and maintenance regularly.

- Check for oil leakage regularly, and remove grease and oil stains from the motor timely to avoid fires caused by volatilization of the grease and oil stains under high temperature conditions.
- Regularly check all electric lines of the vehicle, and check whether the electrical devices and harness connectors are insulated and fixed normally.

◇ It is recommended to equip the vehicle with a fire extinguisher and know its operation method.

- An onboard fire extinguisher is recommended to be prepared on the vehicle to ensure the driving safety. Check and replace the fire extinguisher regularly and be familiar with its operation method.

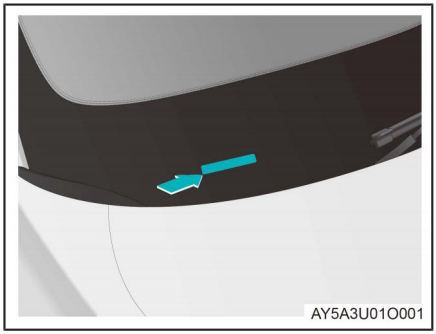
◇ Precautions for driving.

- During parking, especially in summer, ensure that there are no flammables (such as hay, dry branches, leaves and wheat stalks) under the vehicle; otherwise, fire may be caused.
- During driving, try to avoid road sections with flammable materials such as dry leaves, wheat straw, and weeds, or stop to check whether there are any of such flammable materials attached to the bottom of the vehicle after driving through such road sections. Try to park the vehicle in a place without sun exposure.

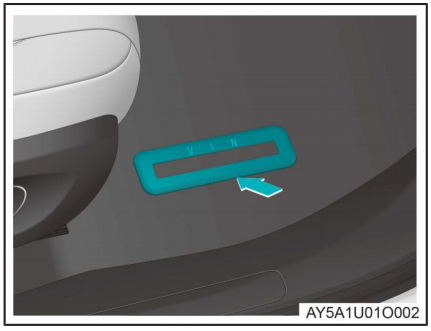
Vehicle identification number (VIN)

Location of vehicle identification number (VIN)

The vehicle identification number (VIN) is the ID code of a vehicle and has uniqueness.



◇ The VIN is pasted at the reserved groove on the lower right of the front windshield.

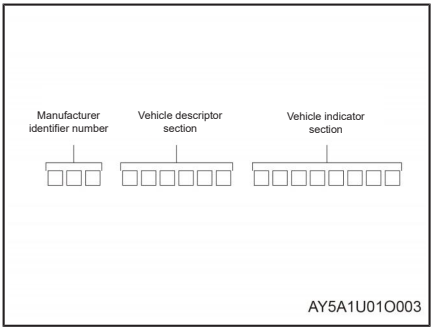


◇ The VIN is engraved at the floor in front of the driver's seat.

NOTE

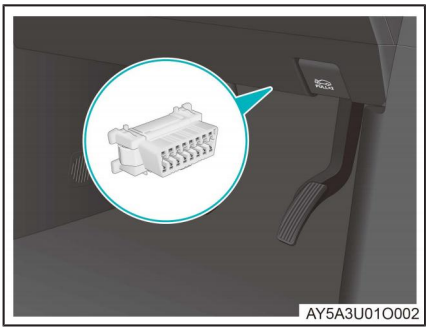
◆ The location and quantity of vehicle identification number (VIN) are not complete. Please refer to the actual vehicle.

Composition of vehicle identification number (VIN)



The VIN is composed of 17 characters and contains information such as the country of manufacture, manufacturer, year and vehicle characteristic code.

Vehicle identification number (VIN) read with a diagnostic scan tool



The OBD DLC is located at the lower right rear of the instrument panel. Data such as the vehicle identification number (VIN) and vehicle status information can be read by connecting a special diagnostic scan tool to the OBD DLC.

NOTE

◆ If you need to diagnose whether the vehicle data is normal, contact the GAC AION sales store for data diagnosis.

Vehicle nameplate and sticker

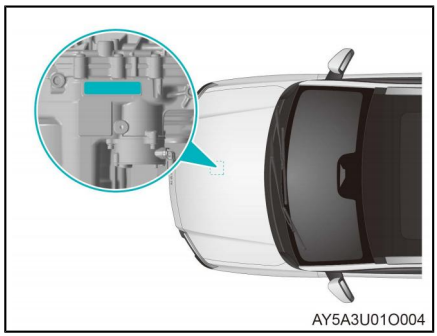
Manufacturer's nameplate



The manufacturer's nameplate is pasted on the near the front door lock catch of B-pillar on the driver side.

The manufacturer's nameplate is marked with the country of manufacture, date of manufacture, vehicle identification number (VIN), drive motor parameters, traction battery parameters and other information.

Motor model and number



The motor model and number are engraved on the motor housing.

Vehicle sticker

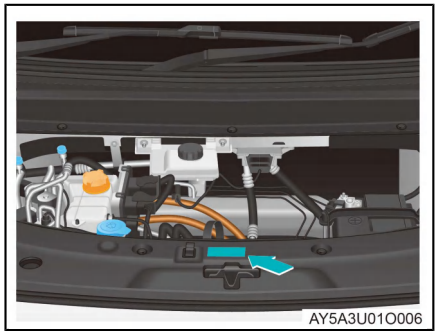
Vehicle stickers include the airbag warning sign, cooling fan warning sticker, etc. Be sure to read and follow the instructions on the stickers.

◇ Airbag warning sign



- The airbag warning signs are located on the front and back of sun visor on the front passenger's side.

◇ Fan coolant warning sticker



- The cooling fan, coolant warning sticker is located on the motor compartment guard plate.

NOTE

◆ The motor compartment of some models is different from the image and subject to the actual vehicle.

◇ Automotive energy consumption sign

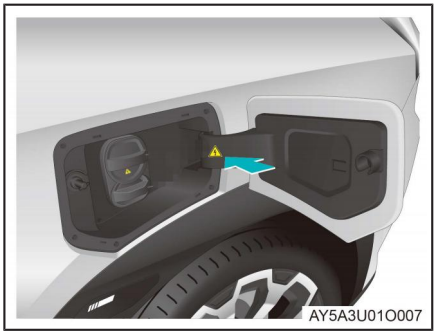


- The automotive energy consumption sign is located on the front windshield.
- The automotive energy consumption sign contains information such as the manufacturer, vehicle model, energy type, vehicle mass and electric energy consumption.

NOTE

◆ To prevent the sign from affecting the field of vision, remove the sign after purchasing the vehicle.

◇ Vehicle charging warning sticker



- The vehicle charging warning sticker is located on the charging inlet cap.

Technical parameters of vehicle

Item		Parameter	
Overall dimensions (mm)	Length	4605	
	Width	1854/1876	
	Height	1660/1686	
Wheel track (mm)	Front/rear	1600/1600	
Wheelbase (mm)		2775	
Front/rear overhang (mm)		925/905	
Kerb mass (kg)		1860/1920	1840/1880
Gross vehicle weight rating (kg)		2350	
Axle load (gross vehicle weight rating) (kg)	Front	1202	
	Rear	1148	
Min. ground clearance under full load (mm)		150	
Minimum turning diameter (m)		11.2	
Maximum speed for 1 km (km/h)		160	
CLTC range (km)		650	
CLTC power consumption (kWh/100 km)		12.8	
Maximum gradeability (%)		30	
Approach angle (°)		19	
Departure angle (°)		27	
Seating capacity (Person)		5	

Item		Parameter	
Overall dimensions (mm)	Length	4605	
	Width	1854/1876	
	Height	1660/1686	
Wheel track (mm)	Front/rear	1600/1600	
Wheelbase (mm)		2775	
Front/rear overhang (mm)		925/905	
Kerb mass (kg)		1740/1780	1780/1840
Gross vehicle weight rating (kg)		2280	
Axle load (gross vehicle weight rating) (kg)	Front	1166	
	Rear	1114	
Min. ground clearance under full load (mm)		150	
Minimum turning diameter (m)		11.2	
Maximum speed for 1 km (km/h)		160	
CLTC range (km)		520	
CLTC power consumption (kWh/100 km)		12.8	
Maximum gradeability (%)		30	
Approach angle (°)		19	
Departure angle (°)		27	
Seating capacity (Person)		5	

Technical parameters of motor

Item	Parameter		
Motor model	TZ180XYXOF54	TZ180XYXOF55	TZ180XYXOF56
Drive motor type	Permanent magnet synchronous motor		
Drive mode	FF		
Rated power (kW)	50	50	50
Rated speed (r/min)	7000	4008	7000
Rated torque (N•m)	105	105	105
Peak power (kW)	135	100	150
Peak speed (r/min)	20000	20000	20000
Peak torque (N•m)	240	240	240

Technical parameters of traction battery

Item	Parameter	
Type of battery	LFP battery	
Rated voltage (V)	301.44	351.68
Rated capacity (A•h)	214	214
Cooling method	Liquid cooling	
Charging temperature (°C)	-20 - 55	
Discharging temperature (°C)	-30 - 55	
Storage temperature (°C)	-40 - 60	
IP rating	IP67	

Wheel and tire parameters

Item		Parameter
Tire specification		225/45 R19
Tire pressure (kPa)		250
Wheel bolt torque (N•m)		115~135
Spare tire specifications		T125/80 R17
Spare tire pressure (kPa)		420
Dynamic balance of wheels		1. Both the inner and outer sides use adhesive balance weights, with the total weight of the balance weights on both sides ≤120 g; 2. After balancing, the Single-sided residual unbalance ≤8 g.
Four-wheel alignment	Front wheel toe-in	5' ± 5'
	Front wheel camber	- 6' ± 45'
	Kingpin caster angle of front wheel	6°7' ± 45'
	Kingpin inclination angle of front wheel	12°50'
	Rear wheel camber	- 1°15' ±30'
	Rear wheel toe-in	- 6' ±24'
	Rear wheel thrust angle	0 ± 24

Technical parameters of brake system

Item		Parameter
Type of service brake system		Hydraulic brake, disc brake
Type of parking brake system		Rear wheel EPB
Power mode of brake booster		Electronic
Free travel of brake pedal (mm)		≤3.7
Max. travel of brake pedal (mm)		148
Reasonable usable range of brake lining pairs	Total thickness of front brake lining (mm)	9
	Allowable wear thickness of front brake lining (mm)	6
	Total thickness of front brake disc (mm)	25
	Allowable wear thickness of front brake disc (mm)	2
	Total thickness of rear brake lining (mm)	7.5
	Allowable wear thickness of rear brake lining (mm)	5.5
	Total thickness of rear brake disc (mm)	11
	Allowable wear thickness of rear brake disc (mm)	2

Type and dosage of vehicle fluids

Item	Specification	Dosage	Remarks
Brake fluid	DOT4	1 - 1.1 L	/
Refrigerant	HFC - 134a	850 - 950 g	/
Temperature control system coolant	G30, -35°C	9.9 - 10.1 L	/
Windshield washer fluid	44% methanol with freezing point of -30°C, and 56% water with hardness not more than 205 g/t	1 L	/
Differential & reducer gear oil	MS304	1.7 - 1.9 L	Applicable models TZ180XYXOF54/ TZ180XYXOF55/ TZ180XYXOF56

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