

AION

Powered by GAC Group

Owner's Handbook

AION V

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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 familiarise 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 AION's customer service hotline.

Wish you a happy journey!

Aion Auto UK Ltd. May, 2026

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Note: The model and graphics shown within this manual are for illustrative purposes only.

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 an AION authorised retailer when buying a vehicle.

Accessories, parts and modifications

Only use genuine AION accessories and parts for replacement.

If accessories and parts not genuine to 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 AION are not covered by the warranty.

Illegal modification of the vehicle is forbidden.

To ensure the safety and reliability of the vehicle's electrical system, it is strictly prohibited to install high-power electrical appliances (such as high-power audio systems, inverters, heating devices, etc.) without authorization from AION. Installing such devices may lead to the following issues:

- Electrical system overload: Exceeding the vehicle's design load may cause fuse blowouts, circuit overheating, or even fire.
- Battery damage: Excessive discharge or charging may shorten battery life or even lead to battery failure.
- Vehicle warranty invalidation: Unauthorized modifications may void the vehicle's warranty terms.

If additional electrical devices need to be installed, please be sure to contact an AION authorised retailer to ensure the equipment complies with the design requirements of the vehicle's electrical system.

Scrapping of vehicle

When scrapping a vehicle or its components, make sure to comply with relevant safety regulations.

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 an AION authorised retailer or other qualified third party for dismantling and scrapping of the vehicle.

Used electronic devices or batteries shall be disposed of in accordance with local laws and regulations, ensuring that any sensitive data stored on the devices is deleted.

Event data recorder (EDR)

This vehicle is equipped with an event data recorder (EDR). The main function of EDR is to record data in the event of certain collisions (such as airbag deployment or colliding with a barrier), so as to help the understanding of operation of the vehicle system. EDR is specially used to record data related to vehicle dynamic control and safety systems in a short period of time to assist in accident analysis.



NOTE:

Only during certain collisions does EDR record data; it does not record data during normal driving.

Description of the meaning and potential usage of data items recorded by EDR

- The EDR can record vehicle operation and vehicle safety system status information. Some data elements and meanings can be found in the table below:

S/N	Data element name	Data description
1	Delta-V, longitudinal	The cumulative change in velocity, as recorded by the EDR of the vehicle, along the longitudinal axis.
2	Maximum delta-V, longitudinal	The maximum value of the cumulative change in velocity, as recorded by the EDR, of the vehicle along the longitudinal axis.
3	Time, maximum delta-V, longitudinal	The time from crash time zero to the point where the maximum value of the cumulative change in velocity is found, as recorded by the EDR, along the longitudinal axis.
4	Speed, vehicle indicated	The vehicle speed indicated by a manufacturer-designated subsystem designed to indicate the vehicle's ground travel speed during vehicle operation.
5	Service brake, on/off	The status of the device that is installed in or connected to the brake pedal system to detect whether the pedal was pressed.
6	Accelerator pedal, % full	Indicates the real-time percentage of how far the driver has pressed the accelerator pedal.

S/N	Data element name	Data description
7	Safety belt status, Driver	Indicates whether the driver's seat belt is fastened or unfastened at the time of the crash.
8	Frontal air bag deployment, time to deploy, driver	Measures the time elapsed from collaboration detection to the initiative of the driver's frontal air bag deployment.
9	Pretensioner deployment, time to fire, driver	Specifies the time taken for the driver's seat belt pretensioner to activate after a collision is detected.
10	Multi-event crash, number of event	The occurrence of a minimum of 2 Events, the first and last of which begin not more than 5 seconds apart.
11	Time from event 1 to 2	The elapsed time from time zero of the first event to time zero of the second event of a multi-event crash.
12	Anti-lock braking system activity	Indicates whether the ABS was actively modulating brake pressure to prevent wheel lockup during braking.
13	Stability control	Records whether the electronic stability control system was engaged to adjust engine power or apply brakes to individual wheels for maintaining vehicle stability.
14	Complete file recorded	Confirms whether the crash-related data was fully captured and stored.
15	Vehicle type, variant and version (TVV)	The precise vehicle type, variant and version of the vehicle hosting the event data recorder.

Potential usage of the EDR data.

- The data recorded by the EDR conduces to a better understanding of the situation in the event of a collision and personal injury, and are used to assist in accident analysis.
- AION will not disclose the data recorded in the EDR to any third party except:
- Reaching an agreement with the owner (or the lessee when the vehicle is rent).
- At the official request of the police, courts or government agencies.
- If necessary, the data will be used for:
- Research on vehicle safety performance.

Description of providers and acquisition methods for EDR data extraction tools.

- Special technical equipment is required to read EDR data. For more information, please contact an AION authorised retailer.

Description of the method of extracting data from EDR control unit.


- To read the data in an EDR, you must be the owner of the vehicle, use a special reading tool that meets the national standard "GB39732-2020 Vehicle Event Data Recorder" or other applicable national standards, and operate the tool in accordance with the instructions in the owner's manual for the tool.

Description of unlocked event storage overwriting mechanism and over-writable event types.

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.

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 an AION authorised retailer.**




Time-based effectiveness of the manual



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

The screenshots of the app, panels, and the central display screens contained in this manual are only applicable to the current version, and the display or process may change due to software updates in the future.

How to read this manual

Symbols in the manual

Symbol	Meaning
	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.

Symbol	Meaning
	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 knowledge to use the vehicle and access to convenient remote vehicle control services.

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

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

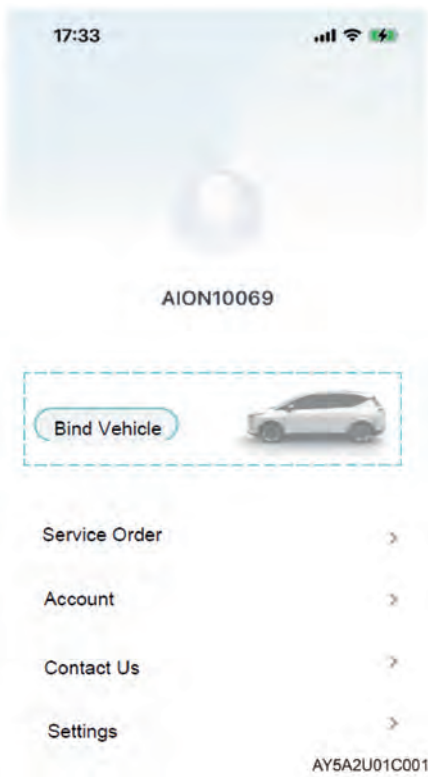
NOTE:

- **The AION App screens displayed in the Manual are only applicable to the current version. In case of screen or procedure changes e.g., software version updates, the latest screens will prevail.**
- **The AION App-based functions are associated with your vehicle configuration. Some functions may not be available to your vehicle. The specific functions will be subject to your vehicle configuration.**

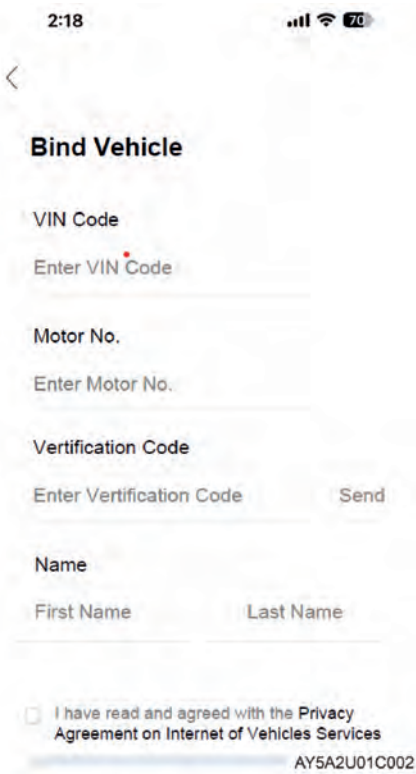
Binding the vehicle

To active your account on the AION App and bind your vehicle, please observe the following:

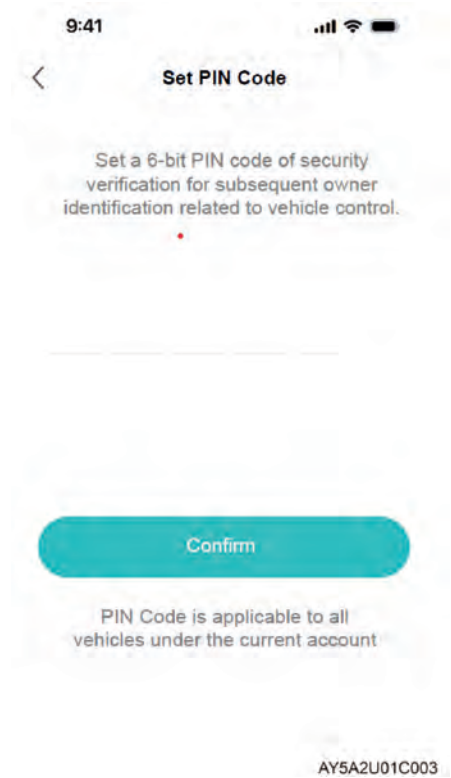
1. Download and install the AION App.



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.)

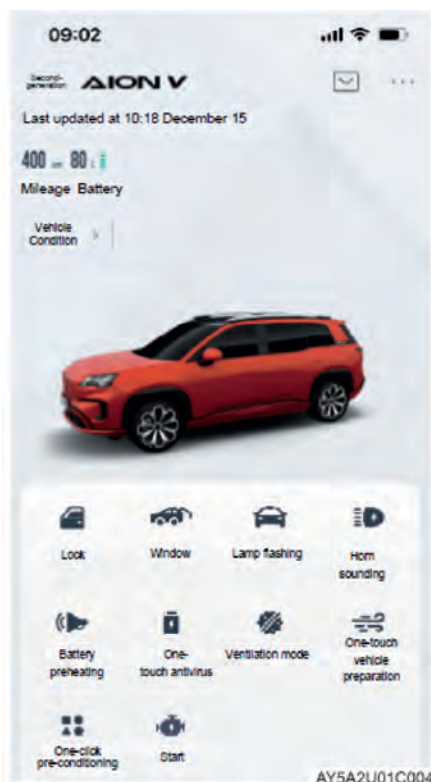
NOTE:

- **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.**

Upon successful binding of the vehicle, you can control and adjust vehicle functions remotely via the Vehicle Control screen.

1. Tap the icon for the function you want to adjust and set the desired options via the pop-up prompts e.g., unlock/lock the vehicle, adjust the A/C etc.
2. A PIN Code pop-up screen will appear, enter the PIN to confirm your settings.

AION App - Vehicle control



NOTE:
The functions displayed on the Vehicle Control screen are dependent on vehicle specification.

NOTE:
The AION App is optimised and updated continuously. For the best experience, please update the AION App to the latest version.

AION App - Vehicle location

You can use the AION App to help find your vehicle should you forget where it is parked. Use the parking location feature within the App to view its approximate location.

You can also use the AION App to flash the headlights or sound the horn when you are in the vicinity of your vehicle.

Daily checks

It is recommended to check the following on a regular basis and before driving:

- Tyres for pressure and condition
- Operation of exterior lights and direction indicators
- Mirrors for operation and obstruction
- Operation of the horn
- Operation of the windscreen wipers and washers
- Any displayed warning lamps or messages
- Operation and condition of the seatbelts
- Operation of the braking system
- Fluid leakage at the bottom of vehicle



NOTE:

Water drips from condensation on the Air Conditioning (A/C) system are normal.

Vehicle charging safety

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 central display.


Charging status indication

The charging status of the vehicle can be known through the vehicle charging indicator lamp, driver display, charging station, 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 the driver display
- After the charger is successfully connected to the charging port of the vehicle, the charger indicator lamp  on the driver display 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 displays a green Charging Reservation indicator lamp  and charging lamp information.
- When charging starts, the panel will display a charging animation.



NOTE:

When using AC charging, the charging voltage and charging current indicated on the driver display refer to single-phase voltage and single-phase current.

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

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 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 port 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 AION sales store.
- 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 port. It is forbidden to charge the vehicle when there are obvious water stains in the charging port. 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 station, 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 station 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 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.

i 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 driver display 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 port are clean and free of foreign objects. Otherwise the charging may fail or the vehicle charging port may be damaged.
- When inserting the charger, it must be inserted parallel to the charging port, avoiding shaking and forceful operation, otherwise the charging port may be damaged.
- During the charging, do not use a highpressure washing device to wash the charging port. 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 flap is closed before starting the vehicle.

i 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 of the High Voltage (HV) battery

European standard charging


Observe the following steps for AC charging:

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



2. Release the AC charging port dust cover.



3. Connect the charger. 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 driver display comes on.



4. Make relevant settings on the charging station (such as start via APP), and start the charging station.
5. Check the charging status through the driver display.
6. Upon completion of charging, the charger will unlock automatically, and then remove the charger.
7. Refit the charging port dust cover and close the charging flap, and insert the charger back into the charging station to complete the charging.

National standard charging


Observe the following steps for AC slow charging:

1. After the vehicle is unlocked, press the rear edge of the charging flap to open the charging flap.



2. Release the AC charging port dust cover.



3. Connect the charger. All turn signal lamps turn on for quite a bit of time when the charger is correctly connected, and the instrument's Charger Connected indicator lamp  illuminates.
4. Make relevant settings for the charging station (e.g. APP start) and start the charging station.
5. Confirm the charging status by the instrument.

6. Upon completion of charging, unlock the vehicle, the charger will unlock automatically, and then remove the charger.
7. Unplug the charger in the direction of arrow B, while pressing the charger button in the direction of arrow A.
8. Refit the charging port dust cover, close the charging flap, insert the charger back into the charging station to complete 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.



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



AY5A2U01L016

- In the scheduled charging time setting interface, set the scheduled charging time, end method, and repeat date.
- When the vehicle is unlocked, press the rear edge of the charging flap to open it.
- Release the AC charging port dust cover.
- Connect the charger.
- Connect the power supply. (Connect the power supply at home or enable the charging station, according to the actual condition).
- 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
- Upon completion of charging, unplug the charger.


- Refit the charging port dust cover, close the charging flap, 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.

i 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.
- Charger anti-theft can be enabled via the central 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 central 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.
- Charging Reservation can be set with the AION App.
- It is suggested that an AION charging station should be used for Charging Reservation, as other charging stations, available in the market, might not support Charging Reservation.

- 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 central 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 central display.
- If other AC charging stations on the market are used, the charging thermal protection function may not work properly. It is recommended to use AION's dedicated charging station 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 of the High Voltage (HV) battery

Observe the following steps for DC fast charging:

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




AY5A2U01L007

2. Release the DC charging port dust cover.



AY5A2U01L006

3. Connect the charger. 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 driver display comes on.



AY5A1U01L019

4. Make relevant settings on the charging station (such as scanning QR code or swiping a card), and start the charging station.
5. Check the charging status through the driver display.
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.
8. Refit the charging port dust cover, close the charging flap, and insert the charger back into the charging station to complete the charging.

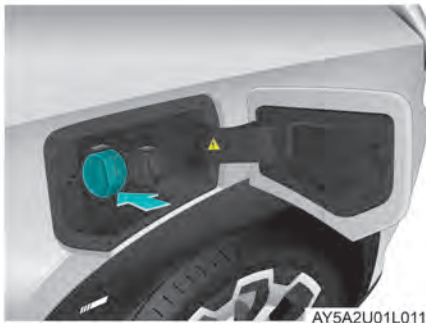
National standard charging


Observe the following steps for DC fast charging:

1. After the vehicle is unlocked, press the rear edge of the charging flap to open the charging flap.



2. Release the DC charging port dust cover.



3. Connect the charger. All turn signal lamps turn on for quite a bit of time when the charger is correctly connected, and the instrument's Charger Connected indicator lamp  illuminates.



4. Make relevant settings for the charging station (e.g. scanning the QR code or swiping the card) and start the charging station.
5. Confirm the charging status by the instrument.
6. End charging actively on demand or stop charging automatically when fully charged.
7. Unplug the charger.
8. Refit the charging port dust cover, close the charging flap, insert the charger back into the charging station to complete 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 station. Please follow the indications of the charging station during actual charging.

V2L overview

Introduction to discharging methods

220 V power can be supplied to household appliances (e.g. mobile phones and computers) with a V2L discharger.

Discharging status

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 disassemble 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 or surface damage of the discharger, 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 thunderstorms. Rainwater or a humid environment may cause electric leakage of the device, and thunderstorms 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 an AION Authorised Dealer or Authorised Repairer.
- 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 and without any foreign body before discharging, otherwise it may cause discharging failure or damage to the charging inlet.
- When inserting the charger/discharger, it must be inserted parallel to the charging port, avoiding shaking and forceful operation; otherwise, the charging port may 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 50°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.
- Discharging can only be done when the vehicle is parked.
- Unplug the vehicle's discharger promptly when the discharging device is not in use, 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 discharging stop limit (discharging will stop at this value) can be set on the central display.

V2L

V2L discharger



1. Discharging power strip
2. Discharging cable
3. Discharger

V2L discharging method (European standard charging inlet model)

1. Unlock the vehicle, and press the rear edge of the charging flap to open it.



2. Release the AC charging port dust cover.



3. Connect the discharger.



4. Tap the discharging soft key on the central display within 140s 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, you can set via the central display that V2L discharging will automatically start without pressing the discharging switch.

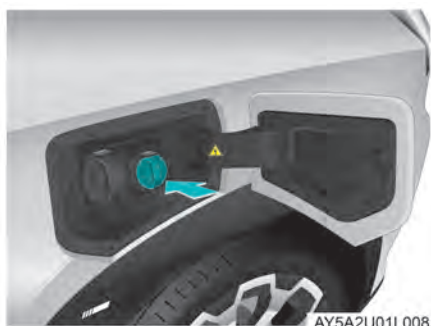
5. Unplug the discharging power strip when discharging is complete. Disable the discharging function via the central display. The indicator lamp on the discharging power strip will turn off.
6. Upon completion of discharging, unlock the vehicle and the discharger will unlock automatically.
7. Unplug the discharger.
8. Refit the charging port dust cover, close the charging flap, and safely store the discharger.

V2L discharging method (national standard charging inlet model)

1. Unlock the vehicle, and press the rear edge of the charging flap to open it.



- Release the AC charging port dust cover.



- Connect the discharger.



- Tap the discharging soft key on the central display within 140s to turn on the discharging function. The red indicator lamp of the discharging power strip will turn on. Please connect the electrical consumer.

- Unplug the discharging power strip when discharging is complete. Disable the discharging function via the central display. The indicator lamp on the discharging power strip will turn off.
- Upon completion of discharging, unlock the vehicle and the discharger will unlock automatically.
- Unplug the discharger.
- Refit the charging port dust cover, close the charging flap, and safely store the discharger.

NOTE:

For some models, you can set via the central display that V2L discharging will automatically start without pressing the discharging switch.

Starting the vehicle

The vehicle may be started as follows:

1. Carry the smart key with you and enter the vehicle. Close all doors and fasten the seat belt.
2. Press and hold the brake pedal.
3. Select the desired gear (not in "P" gear).
4. Release the brake pedal after the READY indicator lamp **READY** illuminates on the driver display. The vehicle is ready to drive in the selected gear.



NOTE:

- Lock all doors before starting the vehicle and never open any door during driving.
- The vehicle can be started remotely via the AION App.
- For vehicles equipped with alcohol interlocks, the driver must undergo an alcohol breathing test before starting the vehicle.

Alcohol interlock interface

Alcohol interlock is a device used to prevent the driver from starting the vehicle when their alcohol concentration exceeds the prescribed limit. For vehicles equipped with alcohol interlocks, the driver must undergo an alcohol breathing test before starting the vehicle.

The vehicle has an alcohol interlock interface that allows for the future installation of alcohol interlock, this is located under the dashboard.

How to use alcohol interlock

Steps for operating a vehicle with an alcohol interlock:

1. Pressing the brake pedal and choosing a gear will activate the alcohol interlock when it is in the off state.
2. The driver should take the breath test when prompted by the alcohol interlock. The vehicle can be started normally within the allotted 30 minutes after the driver passes the test.



NOTE:

Alcohol interlock is an add-on part. When it is necessary to add the alcohol interlock function, it is recommended to contact an AION Authorised Dealer or Authorised Repairer.

Gear selection



- 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, press the brake pedal, and rotate the rotary shifter to the desired gear. The current gear information is displayed on the driver display.



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

WARNING:

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

NOTE:

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

Operating pedals



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1. Brake pedal
2. Accelerator pedal

WARNING:

- Never place any items in the driver's footwell. Items placed here may slide under the pedals, obstructing their use and potentially resulting in a traffic accident.
- Before driving the vehicle, be sure to check that all pedals can be pressed to the floor and released smoothly at any time.
- The driver must wear suitable shoes which allow appropriate control of the pedals at all times.
- 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 travels 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.**

Acoustic vehicle alerting system (AVAS)

During driving at low speed, AVAS sounds a warning chime to warn pedestrians and other road users of the vehicle's presence to improve driving safety.



The system will sound a warning chime when the vehicle is reversing and also when the vehicle travels forward at speeds less than 25 km/h.

Vehicle power supply

Switching on the vehicle power supply

After unlocking the vehicle, open any door, the central display lights up, and the whole vehicle power is automatically turned on.

Remote power-on A/C opening

With the vehicle's power in the off state and with the smart key in range, press the smart key lock button , then quickly press and hold the smart key remote air conditioning button  until the direction indicators flash, the air conditioning will turn on and automatically adjust the temperature.

Entering driving ready status

When you close the doors, fasten the seat belt, press the brake pedal, and set the shift lever to the desired position, the **READY** indicator lamp illuminates on the driver display, indicating that the vehicle is ready for driving.

Switching off the vehicle power supply


After driving, stop the vehicle and select park "P". After the driver and front passenger exit the vehicle and lock it, the vehicle power supply will be switched off automatically.

Power Retention

When the driver needs the vehicle's electrical appliances to remain operational temporarily while stepping out (such as when elderly or children are seated in the rear on a hot day and the air conditioning needs to stay on), please park the vehicle in a safe location, select park "P", and activate the power retention function on the central display's vehicle control interface. At this time, when leaving the vehicle, the vehicle power will remain on and the onboard electrical appliances will remain working.

i NOTE:

- If the front passenger's seat is still occupied by a person after the driver exits the vehicle, the vehicle power supply will not be switched off automatically, and the on-board electrical consumers will keep working.
- After the power retention function is activated, if the vehicle's overall battery level drops below 10%, the vehicle will automatically turn off the power supply to conserve energy.
- When the power retention function is enabled, the anti-theft alarm and intelligent active unlocking/locking functions will not operate; however, the vehicle can be locked using the smart key.
- When you open the car door, the vehicle's power turns on automatically. If there are no driver and passengers in the front seats, the vehicle will automatically turn off the power after a period of time to save energy.
- After driving is complete, select park "P". Once the driver and front passengers leave the vehicle without locking it, the vehicle's power will not immediately turn off. It will automatically turn off after a period of time to save energy.
- When the vehicle is in the power consumption state for a long time, the central display will pop up a window indicating that the vehicle power will be automatically turned off after 60 seconds.

- When the vehicle is locked, long press the smart key remote air conditioning button  to remotely turn off the air conditioning.
- The vehicle's power supply can be turned off via the central display.

Changing driving mode

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

After the vehicle power supply is switched on, change the driving modes through the central 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 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.**

Smart key operation

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

Introduction to the buttons on the smart key



1. Locking button
2. Tailgate unlocking button
3. Unlocking button
4. Remote power-on A/C opening button
5. Smart key LED indicator lamp


i 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 authorisation.
- To avoid scratching, 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.
- 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 leave the smart key on the car roof after getting out of the vehicle.
- If the smart key is lost, the vehicle will be at risk of theft. In this case, immediately go to the 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 the smart key runs out.
 - when the smart key is operated in, or near, a TV tower, a charging station, a power plant, an 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 block electromagnetic waves, such as a metal seal.
 - when there are other smart keys in use nearby.
- As time goes, the battery of the 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 reduced.
 - The LED 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 AION sales store.

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 central 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. See AION App - Vehicle control [Page 16](#).

NOTE:

- The horn alarm for vehicle locking/unlocking can be switched on/off in the central 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 and closing a door

Flush-fit door handle electronic operation



When the vehicle is unlocked, the flush-fit door handle is automatically deployed. You can open the door by pulling the door handle.

Flush-fit door handle manual operation



1. Unlock the vehicle.
2. Push on the front end of the handle (A), this presents the rear of the handle.
3. Pull the handle to open the door.

Closing a door



After entering the vehicle, pull the handle inward to close the door. After exiting the vehicle, push the outer side of the door, to close it.

WARNING:

- When locking the car, be careful not to get your hands caught by the door handle.
- Before driving, make sure all doors are properly closed. Otherwise, a door that is not fully closed may open during driving, leading to accidents that could cause vehicle damage or personal injury.
- The door can only be opened or closed when the vehicle is stationary.
- When closing the door, do not place your hand on the edge of the door, as there is a risk of injury, if a body part is trapped.

CAUTION:


- When the door handle is in the deployed state, it is forbidden to press the door handle forcibly, otherwise it will cause damage to the door handle.
- When washing the vehicle, make sure the flush-fit door handles are fully retracted to prevent water ingress. Otherwise, this may cause damage to the vehicle.

NOTE:

- Do not continuously open and close the door handles, electronically, within a short time period. Doing so may cause a temporary failure of the opening and closing function. In the event of this, you need to wait for a few minutes before resuming normal use.
- If any door is in a partially closed state, please reopen the door and close it again.
- If any door is not fully closed, a warning will appear on the driver display. A reminder is issued when a certain speed is reached.

Opening the tailgate

Opening the tailgate with the smart key

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

Automatic tailgate opening via the sensor

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

NOTE:

Sensing opening of tailgate can be set to Close, Only Open, or Prompt Tone, through the central display.

Unlocking the tailgate via the micro switch



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i NOTE:

- The electric tailgate can be opened via the central display.
- The electric tailgate can be opened via speech.
- The electric tailgate can be opened via the AION app.

Setting of the tailgate memory position

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

- How to set the tailgate memory position:
- Method 1: Open the tailgate and stop it at an appropriate position. Then, a long press of the OFF button of the tailgate.
- Method 2: Open the tailgate and stop it at an appropriate position. Then, tap "Remember Current Position" on the central display.

- After the memory position is set, an audible tone sounds twice and the tailgate will give light reminders.
- How to cancel the tailgate memory position:
- Method 1: The tailgate opens to the memory position, and you push it to a position higher than the memory position. The tailgate will give light reminders, and the memory position will be canceled.
- Method 2: Tap "Clear Memory Positions" on the central display after the tailgate opens.
- Check that the tailgate is properly closed before driving. Otherwise, the tailgate 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 tailgate. Otherwise, the tailgate may be opened unexpectedly, or the children may be pinched by the closing tailgate.
- 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 tailgate, please thoroughly check the surrounding area for the sake of safety.
- Remove all loads such as snow and ice on the tailgate before opening the tailgate. Otherwise, your body may be injured by the suddenly opened tailgate.
- Before accessing the trunk, check that the tailgate is fully opened and secured. Otherwise, your body may be injured by the suddenly closed tailgate.
- Do not install any accessories on the tailgate. Otherwise, they will exert extra weight on the tailgate, causing unexpected closing of tailgate 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 allows the axle load to be 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 tailgate.




CAUTION:

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

i NOTE:

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

When in the approximate vicinity of your vehicle, quickly press the locking button  on the smart key twice. The vehicle will give audible and visible alarms to remind you of its location.

Smart key - vehicle location

You can use the smart key to help find your vehicle should you forget where it is parked.

Unlocking doors inside the vehicle



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

Opening doors inside the vehicle



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



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



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



NOTE:

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

⚠ WARNING:

- Before opening the door, be sure to check if there are any other vehicles or pedestrians outside to avoid collisions and prevent accidents.
- When opening or closing the door, check the surrounding environment, such as whether the vehicle is on a slope, whether there is enough space to open the door, and whether there is strong wind.
- When opening or closing the door, please grip the door handle firmly to prevent any unpredictable movement.

i CAUTION:

When the child lock is activated, even if the door is unlocked, the rear door cannot be opened using the inner handle. In this case, the rear door should be opened from the outside. Do not pull too forcefully on the inner handle of the rear door to avoid damage.

Closing all windows

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

Locking-sensitive window closing can be enabled through the central display. With the feature enabled all windows will automatically close upon exiting and locking the vehicle with the smart key.

⚠ WARNING:


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

i CAUTION:

Do not attempt to use the driver and passenger power window buttons to operate the same window in opposite directions at the same time. Otherwise, the power window may stop working.

Closing the tailgate

Electrically close the tailgate

- Close the tailgate with the smart key
- When the tailgate is opened and the vehicle is not started, long press the  button on the smart key within its effective range, and the tailgate will close automatically.
- Close the tailgate with the tailgate button



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- When the tailgate is opened, press the tailgate closing button, and the tailgate will close automatically.

NOTE:

- The electric tailgate can be closed via the central display.
- The electric tailgate can be closed via speech.
- The electric tailgate can be closed via the AION app.

Manually close the tailgate

The manual closing method of the tailgate is as follows:



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

Locking outside the vehicle

Before using any of the vehicle's locking functions:

- Make sure the vehicle is switched off and P is selected.
- Make sure no passengers remain inside the vehicle.
- Make sure all doors are closed.
- Make sure there is no valid smart key inside the vehicle.

Locking by smart key button

Press the lock button within the effective range of the smart key to lock the vehicle.

Intelligent active locking

The intelligent active locking function can be enabled via the central display. With intelligent active locking enabled, the vehicle automatically locks when you exit and walk away from the vehicle while carrying the smart key.

Micro-switch vehicle locking



With the smart key within range, press the micro-switch 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. See AION App - Vehicle control [Page 16](#).

i NOTE:

- The horn alarm for vehicle locking/unlocking can be switched on/off in the central 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.

Door open reminder

When the driver exits the vehicle, the driver display will give corresponding audible and visible prompts if the doors or windows are not closed.

Door open 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 open warning system via the central 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 open 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.

⚠ WARNING:

- The door open 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.

Child presence detection (CPD)

When the vehicle is turned off and the doors are locked, the vehicle will determine if a living person or object remains in the rear of the vehicle. If signs of life are detected, the driver will be alerted by either: a horn audible warning; headlight warning; and/or by notifications to the AION APP.

When the vehicle is started, the system is turned on by default. The lifeform presence detection reminder can be temporarily turned off through the central display.

⚠ WARNING:

- Please read the function description carefully before use.
- AION bears no liability for the harm or deaths of passengers or living objects left unattended in the vehicle. The driver has responsibility to ensure no occupant or living object remains in the vehicle unattended.
- The driver must ensure that message notifications by mobile device and by the AION APP are enabled, to ensure relevant alerts and warnings are received.

i CAUTION:

- Obstructions will affect the sensor's detection performance. Before leaving, do not use decorative parts or other items to cover the roof area near the front headlights or rear armrests, and avoid pushing the front seats all the way back or tilting them excessively. Otherwise, the system may not accurately detect the realtime status of passengers.
- Please be aware of the vehicle's surrounding network environment. Alarm notifications may fail to send or be delayed if the vehicle is in a basement or another location without network signal.
- It is recommended that the driver disable this function in advance, as it may be accidentally activated in situations where the vehicle shakes, such as during towing, lifting or lowering in automated parking spaces, or during hail, typhoons, or heavy rain.
- Decorative items or other unsecured objects inside the vehicle may also accidentally trigger this function when they move or shake. Please ensure all items inside the vehicle are properly secured before leaving.
- If passengers remain inside the vehicle, after a certain period this function will automatically turn on the air conditioning to help improve the interior environment. Air conditioning failure or low battery power may prevent it from activating. Be sure to regularly check the air conditioning system, promptly address any faults, and recharge the battery as needed.

 **NOTE:**

- The alert can be deactivated by unlocking and opening the vehicle doors.
- The alert has a temporary delay setting, to support short durations of unattended occupants or living objects occupying the rear seats, when the ignition is off and the doors are locked. The alert can be temporarily delayed by up to 8 minutes, via the touchscreen controls. When the temporary delay time has passed, and unattended occupants or living objects are detected in the rear seats, the alert and notifications will start.
- When the vehicle enters power retention mode, the occupant presence alert function cannot be used.
- The occupant presence alert function's AION APP message push service is valid for 10 years from the date of vehicle sale.

Anti-theft alarm system

When the vehicle is locked, the vehicle will enter 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 direction indicators 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 smart key during an alarm trigger, the alarm will be automatically cancelled.



CAUTION:

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



NOTE:

- **Do not leave the smart key in the vehicle when you exit the vehicle.**
- **The anti-theft system cannot prevent all thefts or guarantee the absolute safety of the vehicle.**



NOTE:

In order to prevent accidental alarm triggering or vehicle theft, please ensure the following:

- **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.**



NOTE:

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 bonnet is opened after the vehicle is armed.**

Seat belt safety

The seat belt is a main safety protection device, which can effectively reduce personal injury in an accident when used together with the airbag. Always fasten your 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 the rear seats are also required to fasten the seat belt properly; otherwise, they may be thrown out when an accident occurs, causing serious personal injury to themselves, other passengers, and the driver.
- It is recommended children are always seated on the rear seating positions and use a suitable child restraint system.
- Take the correct sitting posture, so as to ensure that the seat belt will offer its full 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 authorisation.
- If the pretensioning function is activated, the seat belt must be replaced.
- It is recommended to use only seat belts that are specifically approved by AION for this vehicle.

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.
- If the seat belt assembly does not work properly, it is recommended to contact an AION Authorised Dealer or Authorised Repairer for inspection and repair or replacement immediately.
- Always replace the seat belt system (including its bolts) if it is used during a serious collision accident, even through no obvious damage is found.
- Do not modify seat belts, seat belt tighteners, seat belt anchorages and seat belt reels. Make sure the seat belts are not damaged or worn and remain clean. After an accident, visit an AION Authorised Dealer or Authorised Repairer to check the seat belt system immediately.

Correct sitting position



AY5A1U01G001

1. Adjust the seat position so that the pedals are 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 sat upright without leaning forward.
3. Adjust the headrest so that the centre of the headrest is in line with the centre height of the ears of the driver.
4. Fasten the seat belt correctly.

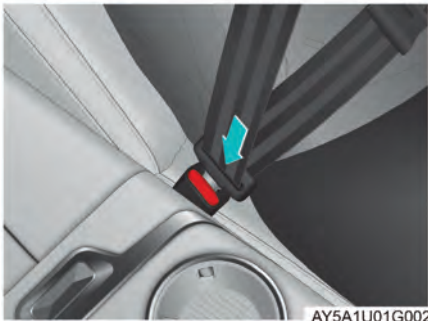


WARNING:

- **During driving, maintain a correct sitting posture, and keep your back against the seat back, 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.**

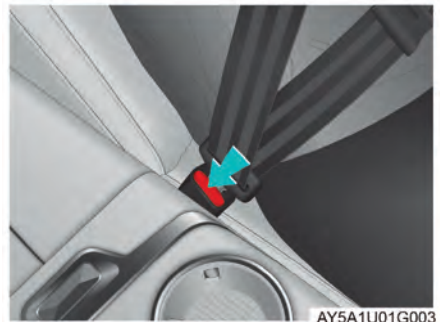
Correct use of seat belts

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.
 - 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.
- Pregnant occupants should seek medical advice on how 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:

- **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 belt 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.**

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 an AION Authorised Dealer or Authorised Repairer for inspection and repair or replacement immediately.

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 minimising the impact force experienced by the driver and passengers.

WARNING:

- **The seat belt pretensioner can only be used once.**
- **Before scrapping the vehicle, be sure to contact an AION Authorised Dealer or Authorised Repairer or another qualified third party to remove and dispose of the seat belt pretensioner.**

Seat belt use during pregnancy



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.

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 driver display will flash or remain on, and the corresponding icon  will illuminate on the vehicle status display .



NOTE:

If the vehicle reaches a certain speed and the driver and passengers have not fastened their seat belts, the buzzer will sound, and the driver display will show a reminder.

Introduction to airbags

In the event of a serious collision, the airbag will inflate and deploy quickly to reduce the risk of serious injury to the passengers 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 dashboard in front of the front passenger), side airbags (in the front seats), the front centre airbag (in the driver's seat), and side curtain airbags (in the left and right side of the roof). The corresponding positions are identified with the "AIRBAG" marking to indicate the installation of an airbag.



AY5A2U01G010

1. Driver's airbag
 2. Front passenger's airbag
 3. Front side airbag
 4. Front centre airbag
 5. Side curtain airbag
- NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

- 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.
- 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 use an appropriate child restraint system for protection.
- Do not place, install or paste any objects on the dashboard, 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 centre airbag; 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 the windscreen, 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 authorisation.

- Before scrapping the vehicle, it is recommended to contact an AION Authorised Dealer or Authorised Repairer or other qualified third party for dismantling and scrapping of the airbag.

WARNING:

- 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 the airbag.

Check the SRS regularly. If any of the following conditions occur, it is recommended to contact an AION Authorised Dealer or Authorised Repairer 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:

When the vehicle is resold, keep the new owner informed of the arrangement and replacement record of airbags on the vehicle.

Front passenger airbag suppression



The front passenger airbag suppression switch is on the side of the dashboard.

Turn off the front passenger airbag

Insert the mechanical key into the switch and rotate it to the "PASSENGER AIRBAG OFF" position. The central display shows that the airbag is disabled.


Turn on the front passenger airbag

Insert the mechanical key into the switch and rotate it to the "PASSENGER AIRBAG ON" position. The central display shows that the airbag is enabled.

- Make sure that the airbag is turned off to avoid serious injuries when a child sits in the front seat.
- When the front seat is occupied by someone other than a child, make sure the airbag is enabled.

- If you have any questions, it is recommended to consult an AION Authorised Dealer or Authorised Repairer.

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 an AION Authorised Dealer or Authorised Repairer for inspection and repair or replacement.

Airbag deployment

The deployment of the airbags 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:

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

The airbag may not deploy under the following situations:

- A collision with concrete pillars, trees or other elongated objects.
- A rear-end collision with lower end of a truck.
- A rear-end collision by another vehicle.
- A rollover.
- 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 windscreen 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

Airbag warning sign



AY5A2U01G001

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

- NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.
- 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 windscreen or be crushed in the event of an accident.
- Never leave children alone in the vehicle, and keep the smart key out of their reach.
- Do not allow children 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 the seat belt on the adjacent seat.
- Prevent children from playing with the seat belt. Seat belts may become entangled around the child's neck and 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.
- When children are sitting in the front row, the airbag must be turned off to avoid serious injuries.

⚠ 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, 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 the 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 on the rear seat behind the driver, please install the child seat on the rear seat behind the front passenger.
- 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.

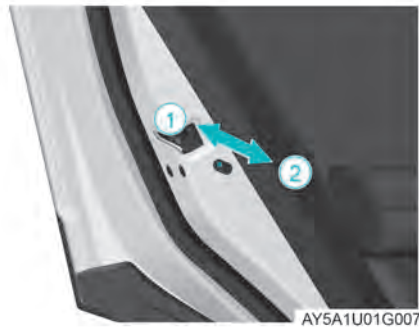
ⓘ CAUTION:

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 renew 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.

Child safety lock



When a child occupies a rear seat, please move the switch to the 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, and move the switch to the unlocking position **(1)**.

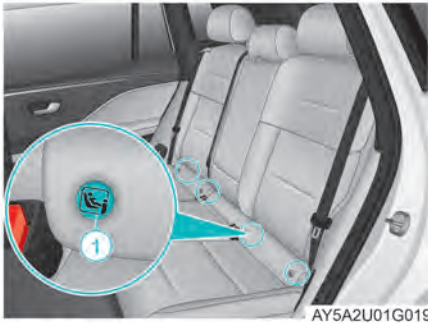
⚠ WARNING:

Once the child safety lock is activated, never leave children or individuals with disabilities alone in the vehicle. If the vehicle is locked, in an emergency, the children or individuals with disabilities may not be able to exit the vehicle on their own to protect their safety. Additionally, due to the vehicle being locked, external rescuers may face difficulty providing assistance.

i CAUTION:

When the child safety lock is activated, even if the door is unlocked, the rear door cannot be opened using the inner handle. In this case, the rear door should be opened from the outside. Do not pull too forcefully on the rear door's inner handle to avoid damage.

i-Size child restraint system



AY5A2U01G019

There are four i-Size anchorages provided between the rear seat back and seat cushion for the installation of a child seat. Label **(1)** is used to indicate the location of the i-Size anchorage.

Top tether child restraint

The top tether anchorage points should be used to attach straps from child seats or restraints systems.



AY5A2U01G017

The top tether anchorages are located on the back of rear outboard seats.

Correct installation of child safety seats

Install child seat using seat belt

The steps to install a child seat using a seat belt are as follows:

1. Adjust the front seats to the fully forward position and adjust the seat back to a vertical angle.
2. Place the child seat on the rear seat.



AY5A2U01G028

3. Pull out the seat belt, attach the child seat according to the manufacturer's instructions, insert the seat belt tongue into the belt buckle, confirm it is locked, and make sure the seat belt is not twisted.
4. Use your body to press down the child seat placed on the seat, reel the seat belt and tighten it to ensure that it does not slack.



5. Try pushing and pulling the child seat in different directions to make sure it is installed firmly.
6. Re-adjust the front seats.

Install child seat using the i-Size anchorage

The steps to install a child seat using the i-Size anchorage are as follows:

1. Adjust the front seats to the fully forward position and adjust the seat back to a vertical angle.
2. Pull back the anchorage cover at the base of the seat back.

3. Place the child seat on the rear seat.



4. Secure the locking mechanism of the lower part of the child seat **(1)** correctly to the i-Size anchorage of the rear seat **(2)**.



5. Try pushing and pulling the child seat in different directions to make sure it is installed firmly.
6. Re-adjust the front seats.



WARNING:

- When using the i-Size anchorage, make sure there are no foreign objects around the i-Size anchorage and the seat belt is not stuck behind the anchorage.
- If the total weight of a child plus an i-Size exceeds 33 kg, do not use i-Size anchors with a child restraint system or a combination booster seat.
- Please follow the installation instructions and precautions included with the child seat you purchased.



NOTE:

- During the actual installation of the child safety seat, be sure to refer to the owner's manual for the child safety seat for correct installation.
- When installing a child seat, if the anchorage cover between the back and the seat cushion affects the installation of the i-Size interface, the anchorage cover can be stowed into the gap between the seat back and the seat cushion.
- Ensure the back of the child seat is flat to the vehicle seat. If vehicle head restraint prevents this, the head restraint can be raised or removed.
- For a large child seat, if the installation is difficult, consider moving the front seats forward or backward, or adjusting the angle of the front seat back.

Applicability of child seats

Mounting positions for child safety seats						
Seating position	Driver	1 st row passenger		2 nd row left	2 nd row middle	2 nd row right
		Passenger Airbag ON	Passenger Airbag OFF			
Seating position suitable for universal belts (yes/no)	N/A	YES Forward facing only	YES	YES	YES	YES
i-Size seating position (yes/no)	N/A	NO	NO	YES	NO	YES

Mounting positions for child safety seats						
Seating position	Driver	1 st row passenger		2 nd row left	2 nd row middle	2 nd row right
		Passenger Airbag ON	Passenger Airbag OFF			
Seating position suitable for lateral fixture (L1/L2)	N/A	NO	NO	NO	NO	NO
Largest suitable rearward-facing fixture (R1/R2X/R2/R3)	N/A	NO	NO	R1/R2X/ R2/R3	NO	R1/R2X/ R2/R3
Largest suitable forward-facing fixture (F2X/F2/F3)	N/A	NO	NO	F2X/F2/F3	NO	F2X/F2/F3
Largest suitable booster cushion fixture (B2/B3)	N/A	B2 ^(a)	B2 ^(a)	B2/B3	B2 ^(a)	B2/B3
Suitable for support leg	N/A	NO	NO	YES	NO	YES



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.
- ^(a) Only applicable for installation with seat belt.

Recommended child safety seat			
Child Stature	Child Restraint System	Direction of Travel	Fixation
40 to 83cm	Maxi Cosi Pebble 360	Rearward facing	Seat Belt
40 to 105cm	Maxi Cosi Pearl 360 & FamilyFix 360 base	Rearward facing	i-Size+Support Leg
100 to 150cm	Britax Römer KidFix i- Size ^(a)	Forward facing	i-Size+Seat Belt
135 to 150cm	Graco Booster Basic R129	Forward facing	Seat Belt

^(a)Ensure:

1. the lap belt is in the SecureGuard, and: the diagonal belt is not in the SecureGuard, and;
2. the diagonal belt is in the XP-PAD, and;
3. the SICT is installed

It is recommended the Child Restraint System is secured by the ISOFix anchorages.

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.


Air Conditioning (A/C) controls


Air Conditioning (A/C) quick control area

The A/C quick control area at the bottom of the central display can be operated to quickly turn on the A/C. After the A/C is turned on, long press, or press and drag, the temperature or wind speed 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 central display to turn on the A/C.


When the A/C is turned on, tap the  key in the A/C control screen on the central 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 screen of the central display, tap the temperature or wind numbers in the A/C quick control area at the bottom, to enter the A/C control screen to set the A/C.

- Slide the temperature control area of the A/C control screen to adjust the A/C temperature.
- Slide the air volume control area of the A/C control screen to adjust the air volume control of A/C.


 Turn the air conditioning on or off


 Activate automatic mode


 Turn the air conditioning compressor on or off


 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 the windscreen demist on or off

 Turn the heated rear screen and door mirror demist 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 screen.

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 remote one-touch disinfection function is enabled with the AION App.



WARNING:

- Long-term activation of recirculation mode will cause accumulation of carbon dioxide in the cabin, which is bad for keeping the driver clear-headed.
- Activation of the recirculation mode on cold or rainy days can cause the windows to mist up, affecting the driver's visibility.
- The windscreen demist function may cause the outer surface of windscreen to mist up, affecting the driver's visibility.


i NOTE:

- In AUTO mode, when the air temperature setting is at high, most of the air comes out through the floor vents; when the air temperature is at low, most of the air comes out through the panel vents.
 - When the A/C is on, tap the A/C button in the central display to make the A/C system exit the cooling mode and blow natural air.
 - If the demist function of the heated rear screen and door mirrors is not manually turned off, it will automatically turn off after continuous operation for a period of time.
 - The temperature shown in the central 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 vents in the cabin are open.
 - Speech control can be used to turn the A/C on or off, or control the temperature settings, or adjust the air flow 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.
 - Make sure all the doors and windows are closed and that no occupants, pets or inflammable materials are in the vehicle before the one-touch disinfection function is enabled.
 - It is suggested that the vehicle stands for 30 minutes, before entering, after operating the one-touch disinfection.
- No other remote operations can be conducted during disinfection. Please do so after disinfection.
 - 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 central display to guard against damp and inhibit moulds.
 - When the PM2.5 content in the vehicle is too high and the A/C is closed, the central display will pop up a prompt to remind you of turning on the A/C.
 - When the outside temperature is below 5°C, you can press the windscreen demist soft button to turn the windscreen heating on or off. If the windscreen heating function is not manually turned off (such as by pressing the windscreen demist soft button again, changing the air conditioning mode, or turning off the air conditioning), it will automatically turn off after running for a certain period of time. The windscreen heating function will automatically turn off after the vehicle is powered down.

Seat comfort and adjustment



AY5A2U01G016

Tap  on the central 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 remain unventilated for a long time, immediately disable the function and promptly contact an AION Authorised Dealer or Authorised Repairer 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 an AION Authorised Dealer or Authorised Repairer 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.

Air vents

Distribution and operation of air vents

Front air vent



AY5A1U01G043

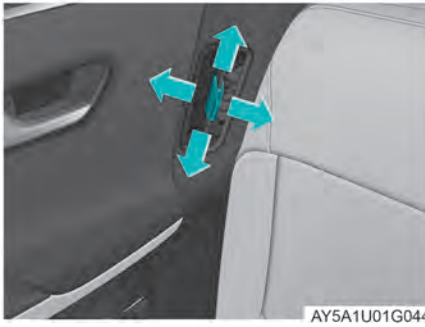
- Move the centre controls up or down, left or right to adjust the air direction of the front air vent.
- Move the centre controls left or right to adjust the amount of air flow, from the vent, between fully open and fully closed.



NOTE:

The control mode of the front air vents is generally the same. Here, the front central air vent is introduced as an example.

Rear air vent (equipped with car refrigerator model)



- Move the centre control up or down, left or right to adjust the air direction of the rear air vent.
- Move the centre control up or down to adjust the amount of air flow, from the vent, between fully open and fully closed.

Rear air vent (without car refrigerator model)



- Move the centre controls up or down, left or right to adjust the air direction of the rear centre air vent.
- Move the centre controls left or right to adjust the amount of air flow, from the vent, between fully open and fully closed.

Driver display



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 driver display has many display styles. Please refer to the actual vehicle.
- The displayed speed is generally greater 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.

How to switch driver display themes/information

Press the steering wheel button * (customised to switch display VIEW in the central display settings) to switch the driver display theme/ information. The specific display style will depend on the actual vehicle display.

How to adjust brightness

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

How to set units and volume

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

How to reset trip odometer

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



NOTE:

The vehicle's total mileage cannot be reset.



WARNING:











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












CAUTION:











If the driver display screen shows abnormalities, stop the vehicle safely immediately and contact an AION Authorised Dealer or Authorised Repairer for inspection.






Warning and information lamps

Name	Icon	Descriptions
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
ESC indicator lamp		If the indicator lamp comes on, it indicates that the ESC 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

Name	Icon	Descriptions
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 tyre pressure or temperature is abnormal
Lane departure assist fault indicator lamp		When this indicator lamp is illuminated, it indicates that there is a fault in the lane departure assist system.
Front collision mitigation assist malfunction indicator		When this indicator light is on, it means the front collision mitigation assist system is in a malfunction state.

Name	Icon	Descriptions
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

Name	Icon	Descriptions
READY indicator lamp		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 (ESC OFF) indicator lamp		When this indicator lamp is illuminated, it indicates that the electronic stability program (ESC) is turned off.
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

Name	Icon	Descriptions
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.
Driver takeover indicator lamp		When this indicator lamp is illuminated, it indicates that the driver needs to take control of the steering wheel.
Lane departure assist deactivation 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.

 **NOTE:**

- **Self-test will be carried out when the vehicle starts, and some warning lamps will come on for a short time and then automatically go out. If some warning lamps are still on after the vehicle starts, please contact an AION Authorised Dealer or Authorised Repairer for inspection and repair in good time.**
- **Some warning and information lamps are only displayed on vehicles with relevant configurations. Please refer to the actual vehicle.**
- **Refer to the corresponding sections for the detailed functional status of some warning and information lamps.**

Central display



The central display will operate after the 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 central display, tap the display gently. If it does not respond, try to tap it again.
- Do not use detergent to clean the display.

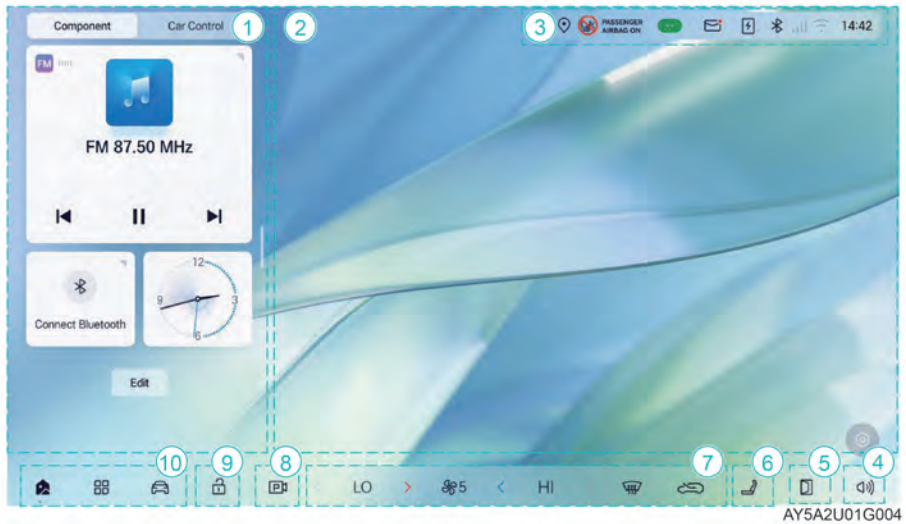


NOTE:

- Grey buttons on the central display are not available.
- Interfaces on the central 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.

Central display controls

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 centre 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 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



AY5A2U01G005

- Quick service for app components
- Quick service for app components includes music, navigation, Bluetooth phone, clock, and the ability to customise 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 display include air quality display, message centre entry, wireless charging status, Bluetooth status, mobile network status, WLAN status, and time display.
- Temporarily displayed functions at the top of the central 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 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 smart driving.

Message centre

Message entry



AY5A2U01G008

- 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 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.

Door locking via the central display



Lock the doors via the central display before driving.

Speed Locking

After enabling the speed locking function via the central display, when the doors are correctly closed and the vehicle reaches a certain speed, the doors will automatically lock.

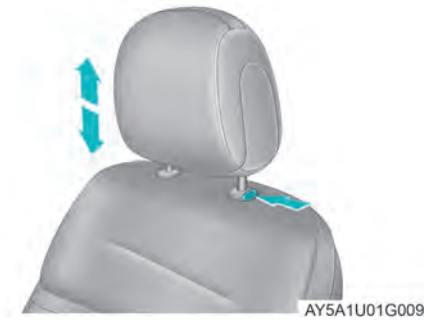


NOTE:

- When any door is ajar, there will be a door open prompt on the driver display.
- When the speed locking function is enabled, in the event of a collision, the doors may not unlock in extreme conditions. See [Emergency entry and exit Page 191](#).

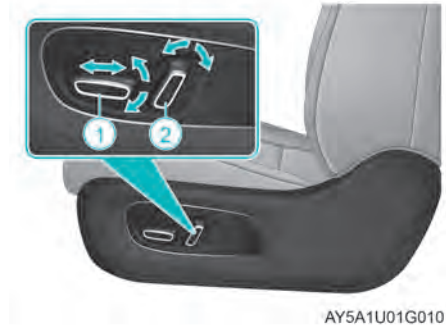
Seat adjustment

Headrest adjustment



- Adjust the headrest upwards: Pull the headrest up.
- Adjust the headrest downwards: Press the headrest button while pressing the headrest down, and then release the button.
- Remove the headrest: Press the headrest button while pulling the headrest upwards.
- Install the headrest: Align the headrest with the installation hole, press the headrest down to the locking position, press the headrest button while pressing the headrest down, and then release the button.

Front seat adjustment



- Push the seat position adjusting switch **(1)** forward and backward to adjust the front and rear position 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. Lower the rear seat back until it comes into contact with the seat cushion.

Raise the rear seat back to the locking position to return the seat to its original position.

Driver's seat memory

The driver's seat is equipped with a memory function. After entering the vehicle and operating the central 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 display.

Front passenger seat memory

The front passenger seat also has a memory function. After entering the vehicle and operating the central 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 display.

Seat welcome function

When the seat welcome function is activated via the central 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.

- 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.
- To minimise the risk of serious casualties in a collision, make sure that the headrest is in place before driving.

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:

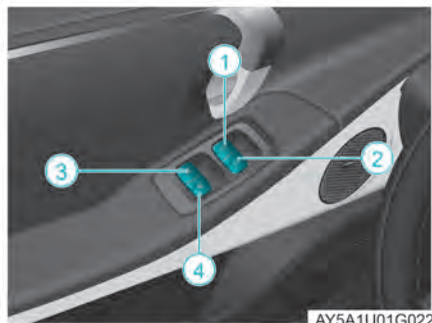
- When the front seat backrest is fully reclined, do not sit on it or place heavy objects on it, as this may damage the seat.
- When folding and restoring the rear seat backrest, operate slowly to avoid damaging the rear seat belt or causing functional issues due to rapid folding or unfolding.

NOTE:

- The front seats can be adjusted via the central display.
- The front seat massage can be set via the central display.
- The seat welcome function can be configured via the central display.
- After adjusting the front seat position, the central 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 fails, follow the central display's instructions to operate the physical switch for calibration.
- The power seats cannot be adjusted for a period of time after a collision.
- The rear seat backrest is designed with a 60/40 split-fold. To fold a single seat backrest, pull the corresponding rear seat folding lever.

Window control

Introduction to the 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 operation, the windows can be held in current positions by operating the window buttons again.

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 of the power windows, make sure that no part of the driver and passenger's bodies will be pinched.
- Do not intentionally try to test the anti-pinch.
- The anti-pinch function may not work when the window is about to close completely.

i 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 multiple times in a short time may lead to temporary failure of the function.
- Triggering the window anti-pinch function several times in a short period will lead to the failure of the window anti-pinch function.
- When the window express-up & down or anti-pinch function fails, initialisation is required to restore the function. See [Window reset Page 174](#).

i NOTE:

- The opening and closing of windows can be controlled through the central display.
- The locking of windows can be controlled through the central display.
- 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 automatically close.
- During vehicle poweroff, if any window is not fully closed (when the locking-sensitive window closing function is not enabled), a reminder is given indicating that the window is not closed when the driver's door is opened.
- Before leaving the vehicle, please check that windows are closed.

Electric sunshade

Open and close the sunshade

Tap the  button on the central display to enter the open/close control interface in the My Car menu. 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 antipinch 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 initialisation procedure to restore the automatic function. See [Sunshade reset Page 175](#).
- If the sunshade's anti-pinch function fails, you can follow the initialisation procedure to restore the anti-pinch function. See [Sunshade reset Page 175](#).

NOTE:

The sunshade can be opened and closed via voice control.

Door mirrors

Adjustment of door mirrors

Tap the vehicle on the main interface of the central display to enter the door mirror control interface in "My Car", turn the steering wheel control to adjust the door mirrors to a suitable angle.

Door mirror memory

The door mirrors have a memory function which can be enabled via the central display. With the function enabled, the door mirrors will automatically move to the stored position as you enter the vehicle.

How to set the memory position of the door mirrors:

- Select memory position adjustment on the central display, adjust the door mirrors to a suitable angle via the steering wheel control, then confirm and save the current position.
- It is forbidden to adjust door mirrors during driving.
- Object images reflected by door mirrors are smaller than real objects, and the actual distance between the object and the vehicle will be closer than it looks. Never underestimate the distance from the following vehicle.



NOTE:

If you adjust the position of the door mirrors, the central display will prompt you to save the new position. If you do not need to update the memory position, ignore the prompt.

Rearview mirror

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



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

When the headlights of vehicles approaching from the rear are dazzling, the automatic anti-glare rearview mirror automatically adjusts the reflection effect to alleviate glare.

Do not adjust the rearview mirror while driving.

Exterior rearview mirror folding

Electric folding and unfolding

Tap the button on the central display to enter the rearview mirror control interface in the "My Car" menu, here you can choose to electrically fold or unfold the door mirrors.

Automatic folding and unfolding

After enabling automatic folding and unfolding of the rearview mirrors via the central display:

- If the vehicle is locked, the door mirrors will be folded automatically.
- If the vehicle is unlocked, the door mirrors will be unfolded automatically.

Manual folding and unfolding



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

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

WARNING:

Before driving, make sure the door mirrors are unfolded, and adjusted to an appropriate angle.

CAUTION:

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

NOTE:

- Set the position of the mirror dip through the central display.
- The rearview mirrors may reset automatically at high reversing speeds.

Mirror dip when reversing

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

You can activate or deactivate mirror dip when reversing via the central display.

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

Media safety

Read and obey 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, do not set the multimedia volume too loud, otherwise, distraction and 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.**
- **It is forbidden to disassemble, modify or destroy the multimedia system without authorisation. 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.**
- **If the multimedia system fails, do not repair it without authorization. Stop using it and contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.**
- **Do not use the central display in a faulty state without images or sounds.**

i 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 central display hard when operating it. Otherwise, the screen may be damaged.
- Do not use sharp or angular hard objects to operate the central 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 recognised.
- USB devices may not be recognised 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 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. A file that takes too long to open may cause the system to restart.
- The data formats of converted video files may not be standard. There may be irregular fast forward, rewind and even freezing during video playback. Some frames may also be lost after conversion, which may lead to content freezing and restart.

i NOTE:

- Do not dismantle, modify or destroy the multimedia system without authorisation. Otherwise, the product warranty may be invalidated.
- As USB devices may have compatibility problems, the multimedia system cannot recognise 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 via the central 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, but will return to normal after the OTA upgrade is completed.

Bluetooth

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 connect Bluetooth:



1. Turn on Bluetooth on your phone or device.
2. Click the Bluetooth icon in the top status bar of the central 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 control

How to use voice control

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

Voice control 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 control rapidly controls vehicle functions by identifying and executing voice commands, so as to enhance operation convenience.

Voice commands

The following functions of the system can be conveniently controlled through voice control:

Category	Function	Examples
Navigation	Navigate to the destination	Activate map, Go to company, Drive me to KFC

Category	Function	Examples
	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 ninety 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

i 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.**

Apple CarPlay

Apple CarPlay allows you to use your iPhone in an intelligent and safe manner in the car, so that you can use the navigation, music and phone call functions of your iPhone on the vehicle's multimedia system.

To connect your mobile phone and the vehicle's multimedia system:

1. Tap the Apple CarPlay App on the central display to enter the guide to mobile-vehicle interconnection.
2. Set Apple CarPlay as the priority connection of iPhone on the central display.
3. Use the genuine USB cable to connect your mobile and vehicle or do so wirelessly.
4. Run the Apple CarPlay app to enter Apple CarPlay phone connection.

You can exit the CarPlay in any of the following ways:

- Unplug the USB cable or disable wireless connection.
- Shut down Apple CarPlay on your phone.



NOTE:

- **Functions available on Apple CarPlay depend on the actual situation, and usually include navigation, music and phone calls.**
- **Please use the genuine iPhone USB cable when connecting the vehicle via iPhone, otherwise connection may fail.**
- **Only iPhones with iOS 10.0.2 or a higher version support Apple CarPlay connection.**

Android Auto

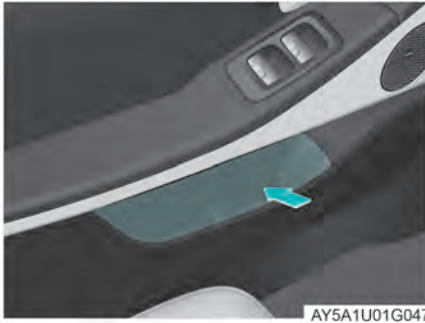
With Android Auto, you can use the navigation, music and phone call functions of your mobile on the vehicle's multimedia system.

To connect your mobile phone and the vehicle's multimedia system:

1. Search and install Android Auto mobile app through the APP store.
2. Connect your mobile and the vehicle's multimedia system with a USB cable or in a wireless manner.
3. Run Android Auto.

Storage compartments

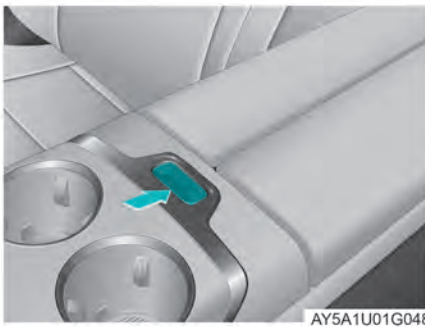
Storage box on door interior trim panel



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

i 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



i 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.

i 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.

Tailgate trim hook

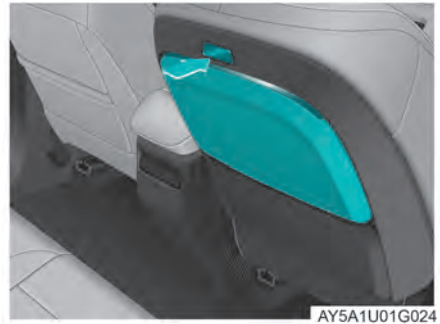


The tailgate trim hook is only intended for hanging lightweight items.

⚠ WARNING:

- When the tailgate is open, do not hang heavy objects on the tailgate hook to avoid the tailgate 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.

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.

i NOTE:

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

Wireless charger

Enable and disable wireless charging

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

Wireless charging



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

Status display of wireless charging

The working status of wireless charging is displayed in the upper left corner of the central display. Specifically:

Icon	Status information
	Wireless charging function turned off
	Wireless charging function turned on, but no mobile phone placed there
	Charging in progress or completed
	Charging function malfunction
	Charging function is disabled 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 traffic accidents.
- When no one is in the vehicle, please do not charge the mobile phone in the vehicle to avoid hidden safety hazards.

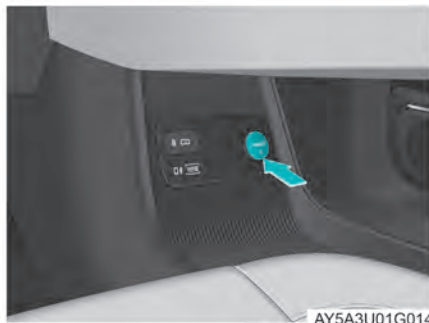
i CAUTION:

- 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.
- 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 an AION Authorised Dealer or Authorised Repairer for inspection and repair.

i 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.
- 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.

Auxiliary power sockets



12 V power outlet on the console



12 V power outlet in the boot. Enter the vehicle, lift the 12 V power outlet cover and connect an electrical consumer to use the 12 V power supply.

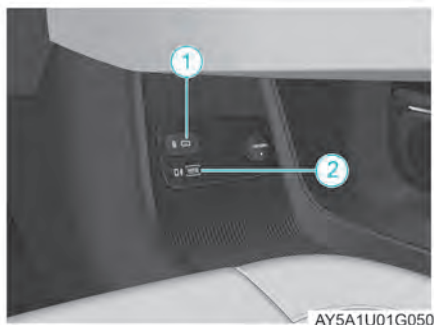
WARNING:

- 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 damage due to voltage fluctuation.
- It is forbidden to insert foreign objects 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.
- To avoid interference from electronic devices with the vehicle's electronic system, it is recommended not to insert any non-AION accessories into the 12V power outlet. If non-AION accessories have been used and the vehicle shows malfunctions or abnormal behavior, please immediately remove the accessories from the 12V power outlet.

USB ports



Front USB port:

1. Supports charging.

- Supports charging and data access.



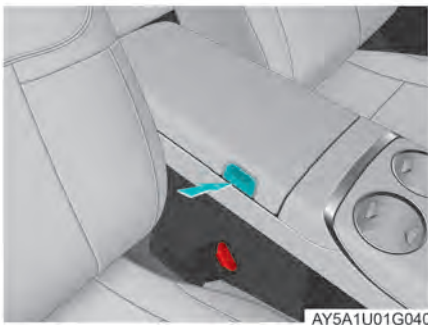
The rear USB port is only used for charging.

CAUTION:

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

Refrigerator

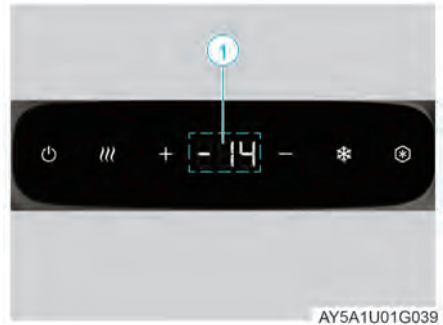
Open the vehicle refrigerator



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



- Temperature display area

- Power On/Off Enable
- Disable heating
- Increase temperature
- Decrease temperature
- Enable/disable refrigeration
- Enable/disable freezing

NOTE:

- The vehicle refrigerator can be controlled via the central display.
- The vehicle refrigerator can be controlled via voice commands.
- The vehicle refrigerator can be remotely controlled through the AION app.

Steering wheel controls



AY5A1U01G013

1. Left side buttons on the steering wheel:
 - When there is an incoming call, short press to answer and long press to reject the call. During a call, short press to hang up the call. 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 tyre 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.



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



AY5A2U01G015

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 driver display view, and the right button is set to switch the audio source.

Adjusting the steering wheel

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



AY5A1U01G015

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 up the steering wheel locking handle to lock the steering wheel.
 - It is forbidden to adjust the steering wheel during driving. Otherwise, the driver may lose control of 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.

Heated steering wheel

With the vehicle power supply on, you can turn the steering wheel heating on or off via the central display.

⚠ WARNING:

If you are sensitive to temperature changes, avoid turning on the steering wheel heating function to prevent burns or discomfort.

ⓘ CAUTION:

If the heated steering wheel is activated and there is no change in temperature or the steering wheel becomes excessively hot, turn off the heated steering wheel immediately and contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.

ⓘ NOTE:

If the vehicle's battery level is low, the heated steering wheel may be disabled.

Exterior lighting control

Switch on the vehicle power supply, tap the AUTO headlight soft key on the my light system interface on the central display to enable automatic headlights.

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

Turning on the headlight

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

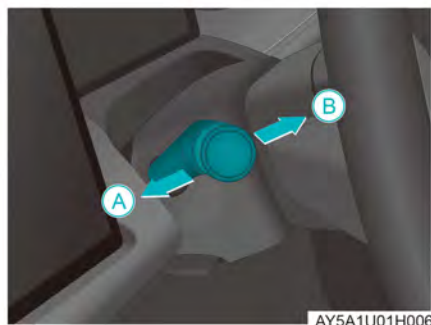
Switch on the vehicle power supply, tap the low beam soft key on the my light system interface on the central display to turn on the low beam.

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

Headlight leveling

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

High/low beam



AY5A1U01H006

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

Pull the light/wiper control lever in the direction of arrow B and release it to flash the high beam.

Direction indicator




AY5A1U01H007


Direction indicator: 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 direction indicator light will flash continuously. After the steering wheel returns, the direction indicator light will turn off automatically.

When the steering wheel angle is too small, the direction indicator will not automatically turn off. Slightly flip the light/wiper control lever in the same direction to **(2)** position, and the direction indicator 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 direction indicator light will flash 3 times.

Turning on the fog light

Tap the rear fog light soft key  on the My Car light system interface on the central display. The rear fog light and the headlights will be turned on simultaneously.

Turning on the position lights

Switch on the vehicle power supply, and tap the position light soft key  on the My Car light system interface on the central display to turn on the position lights.

With the automatic light function enabled, the position lights will automatically turn on or off according to the ambient light.

Daytime running lights

The daytime running lights are turned on automatically when the vehicle is started and the headlight is not on, to enable other road users to detect your vehicle easily. The daytime running lights can be turned on or off via the central display, when the vehicle is started and the gear is in "P".



WARNING:

- **Please use the vehicle lights 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.**

i NOTE:

- In some humid conditions (such as high air humidity, vehicle washing, etc.), the inside of the light 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 humid air that enters the inside of the light through the vent hole, while the temperature of the light 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 light.
- When the vehicle is in a dry environment or the lights are turned on, the water vapor will gradually evaporate, and there may be residues at the corners of the lights, but the fogging phenomenon may appear repeatedly.
- If there are a lot of water drops or accumulated water in the lights, please contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.
- If you forget to turn off the position light, 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 a direction indicator light on the vehicle fails, the direction indicator light on the opposite side of the vehicle and the indicator light on the driver display will flash at a higher frequency.

- After a collision, all direction indicators and indicator lights on the driver display will flash at the same time.
- The windscreen should be replaced together with the RLS.
- The automatic light on/off function may not be activated in a hazy environment, so please manually turn on the lights in this case.
- When the headlights/position lights are on and the vehicle enters the Rest Mode/Theater Mode, the headlights/position lights will go off automatically. When the vehicle exits the Rest Mode/Theater Mode, the headlights/position lights will turn on. When in Rest Mode/Theater Mode, you can restore the exterior lights via the light/wiper control lever.
- When temporarily driving into an area with different traffic directions (e.g., driving in a right-traffic area and then entering a left-traffic area), the intelligent headlight system will continue to function normally without the need for manual headlight adjustment by the driver.



Intelligent high beam

When intelligent high beam is enabled, the vehicle will automatically switch between high and low beams according to the driving environment.

Activate and deactivate intelligent high beam

The intelligent high beam can be activated or deactivated via the central 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 also activate or deactivate the intelligent high beam.

How to use the intelligent high beam

1. Activate the intelligent high beam.
2. After enabling AUTO mode for the headlights via the central console display and the low beams are automatically turned on, the intelligent high beam will be ready for operation, indicated by the light  on the driver display. The vehicle will automatically switch between high and low beams based on the driving environment, with the corresponding indicator light  on the driver display.

System limitations

The intelligent high beam may not work normally under the following circumstances (not exclusive):

- The vehicle speed is low.
- The fog lights 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 direction indicators are turned on.
- The windscreen 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 rear lights of the vehicle travelling ahead is low or does not comply with national standards.
- 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:

- **Intelligent high beam 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.**

i CAUTION:

- Intelligent high beam may not be able to correctly identify all driving environments and cannot work normally in some environments.
- If the camera is blocked by dirt, stickers, ice, or snow, intelligent high beam may not work.
- If the vehicle's lighting system is changed (e.g. the headlamp is modified), intelligent high beam performance may be degraded or the function may not be available.

i NOTE:

- In the case of oncoming non-motor vehicles such as bicycles and electric bicycles, intelligent high beam 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 intelligent high beam, after manually turning on the high beam or headlamp flash function.
- You will exit intelligent high beam, after disabling the automatic headlamp function.

Hazard warning lights



If the vehicle is faulty or involved in a traffic accident, please turn on the hazard warning lights to alert other vehicles.

The hazard warning lights can be turned on or off by pressing the switch.

i CAUTION:

When the vehicle is powered off, do not turn on the hazard warning lights unless it is necessary, so as to prevent the battery from running out of power.

i NOTE:

If the hazard warning lights 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.

Home lights

The home light function provides light when you park at night and go home.

Enable the home light function via the central display. With the function enabled, the low beam will remain on for a period of time after the vehicle is powered off.

Interior lighting overview

Automatically switching the reading lights on/off

You can enable the automatic reading light function via the central display. With the function enabled, the reading light will turn on or off automatically according to the status of the doors and the vehicle power supply.

Manually switching the reading lights on/off



AY5A2U01F001

- Press the front reading light on the corresponding side of the vehicle to switch it on. Press it again to switch it off.



AY5A1U01F003

- Press the rear reading light on the corresponding side of the vehicle to switch it on. Press it again to switch it off.

i NOTE:

If the reading light is manually on when you leave the vehicle, it will automatically turn off after a period of time.

Ambient interior lighting

If the ambient lighting function is switched on in the central display, the interior ambient light will come on after the ignition switch is set to ON, providing bright and comfortable driving environment, alleviating driving fatigue and enhancing the 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 central display.

i NOTE:

The ambient light will turn off automatically, if Rest Mode is enabled. The ambient light will reactivate after Rest Mode is disabled. The ambient light can be turned on again via the central 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.

i NOTE:

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

Drive mode of the ambient light

- When drive mode is activated, the ambient light will automatically switch colors according to the driving mode.

Wiper and washer controls

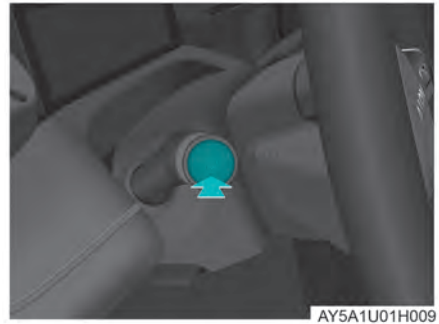
Operation of the front wipers



Turn the wiper control knob up or down from the O position to select the desired setting. The position reference marker (1) indicates the selected setting:

- : the front wiper operates at a high speed.
- : the front wiper operates at a low speed.
- : the front wiper operates intermittently.
- : 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 and the front wiper stops.

Front windscreen washer




Press the button to have the front washer nozzle spray washer fluid. After the button 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 the 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.

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 can be left, after wiping. either the windscreen or rear window and may affect the driver's vision.

NOTE:

- 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 windscreen. See **Wiper maintenance position** [Page 173](#).
- The automatic wiping function may be activated or deactivated via the central display. When activated the function operates with the wiper control lever set to  position.
- Wiping and washing can be controled via speech control.
- The wiper maintenance mode can be enabled and disabled via speech control.
- The rear wiper cannot wash when the tailgate is opened.
- When the tailgate 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.

Intelligent speed assistance (ISA)

The ISA system detects traffic signs on the road ahead through a camera and combines this information with map navigation data to provide the driver with speed limit information in the driver display and reminds the driver of overspeed.

Turning ISA on and off

When the vehicle's power is turned on, ISA is enabled by default.

ISA can also be enabled or disabled through the central display.

Speed limit reminder

Sign	Meaning
	ISA off
	ISA On, no valid speed limit detected
	ISA on, speed limit detected
	ISA on, overspeed alarm reminder
	ISA on, no speed limit detected
	Fault of ISA

When ISA is turned on and the system detects a speed limit on the road, the meter will display the speed limit information. If the vehicle speed exceeds the speed limit by a certain range, the meter speed limit icon will blink to remind. If the driver enables the sound alert of the ISA system, there will also be an audible alarm.

When ISA is turned on and the system cannot detect the current road speed limit, the meter will have an icon to inform the driver that there is no available speed limit information. When ISA is turned off or malfunctioning, the meter will have an icon to inform the driver that the ISA system is disabled.

System limitations

The following scenarios are among the many that could cause the system to malfunction or not function:

- The camera is blocked or interfered with bright light.
- When driving at night or in a tunnel with poor lighting, the headlights are either off or not able to fully illuminate the speed limit sign.
- The speed limit sign is partially or completely obscured.
- The speed limit sign is worn, blurred or stained.
- The speed limit sign is not properly placed, such as twisted and tilted.
- The speed limit sign is obstructed by the vehicles in the adjacent lane or obstacles.
- The speed limit has been changed due to temporary road construction.
- Navigation data is not updated online in time or accurately.
- The road is not standardised, and other road signs are misidentified as speed limit signs.
- A speed limit for another road is detected due to inaccurate navigation and positioning.





⚠ WARNING:

- **The ISA system is designed solely to assist the driver, and the driver is responsible for maintaining control of the vehicle at all times during driving, and should not overly rely on this system.**
- **Use ISA cautiously, considering the current visibility, weather conditions, road, and traffic conditions. The driver is responsible for ensuring safe driving of the vehicle, paying close attention to dangerous factors in the surrounding environment, and intervening or taking control of the vehicle promptly if necessary.**
- **The ISA system cannot replace the driver's attention and decision-making. The driver is always responsible for ensuring the vehicle is driving safely at an appropriate speed.**
- **ISA can only recognise the maximum speed limit of the current road. Do not rely on speed limit sign recognition to determine suitable driving speed. Always drive within a safe speed range according to the speed limit and road conditions.**
- **ISA cannot work under all conditions. The driver should always bear the ultimate responsibility for vehicle safety and comply with applicable laws and road traffic rules.**

The lane departure assist system uses a camera mounted on the windscreen 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 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 system via the central display.

- When lane departure assist is on but not activated, the lane standby assist indicator lamp  illuminates on the driver display.
- When lane departure assist is enabled and the function is activated, the lane departure assist activation indicator lamp  illuminates on the driver display.
- When lane departure assist is off, the lane departure assist indicator lamp  illuminates on the driver display.
- When there is a malfunction in the lane departure assist system, the lane departure assist malfunction indicator lamp  illuminates on the driver display.

Select lane departure assist mode

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

Lane departure assist

- When the "Warning" mode is selected, the lane departure warning system will activate with a red marking on the corresponding lane markings on the driver display, accompanied by an alert sound.
- When the "Warning + Steering" mode is selected and the lane departure assist system is activated, if the system only assists with steering correction, the lane markings on the driver display will be highlighted in blue. If the system provides both steering correction and an alert, the lane markings on the driver display will be highlighted in red, accompanied by an alert sound.

Select sensitivity

After the lane departure assist system is activated, you can select the sensitivity level on the central 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: The warning time is earlier than normal sensitivity under the same conditions.

Working conditions

The lane departure assist system activates under the following conditions:

- Vehicle speed is between 60 km/h and 130 km/h (State 1) / 150 km/h (State 2).
- The system detects at least one valid lane marking on either side.

Operation

When the lane departure assist 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 system is activated, and the vehicle deviates from its lane, the system will not issue warnings or perform lane correction under the following conditions:

- The brake pedal is operated for deceleration.
- The corresponding direction indicator is operated.
- The hazard warning light 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 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 driver display 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 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 windscreen, 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 coloured, 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 tyre wear, abnormal tyre 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 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 system may lead to accidents. Do not rely on the system or use it to engage in dangerous driving practices.
- Lane departure assist 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.
- 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 the lane departure assist system 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 the lane departure assist system 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.
- If the Traction Control System (TCS) or the Electronic Stability Program (ESC) is manually turned off, the Lane Departure Assist system will also be disabled.

ⓘ CAUTION:

Do not tint the vehicle's windscreen 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 assist (ELKA)

The ELKA system uses a camera mounted on the windscreen 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 display. When the emergency lane keeping system malfunctions, the lane departure assist malfunction indicator lamp  illuminates on the driver 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 driver display panel is between 60 km/h and 130 km/h (State 1) / 150 km/h (State 2).
- 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 driver display 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 operated for deceleration.
- The hazard warning lamps are 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 driver display, 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 windscreen, 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 coloured, 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 tyre wear, abnormal tyre 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.
- If the Traction Control System (TCS) or the Electronic Stability Program (ESC) is manually turned off, the Emergency Lane Keeping System will also be disabled.

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.

Driver monitoring system (DMS)

The driver monitoring system uses in-vehicle cameras to monitor the driver's condition and behaviour, providing features such as fatigue alert and distraction alert 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 driver display sounds or text, based on different levels.

Enable/disable fatigue and distraction alert function

Enter the settings page on the central display, click ADiGO smart driving - driving tips, and set the "fatigue alert" or "distraction alert" switch to turn the corresponding function on or off.

Activate fatigue and distraction alert 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	Behaviour characteristics	Reminder mode	Intervention method
Fatigue alert	Continuous eye closure, rigid facial expressions, and lack of significant body movement for a period of time	Driver display sound, driver display text	Warning sensitivity increased to earliest, and the lane departure assist sensitivity increased to the highest. Adjustment will remain until the end of the journey.

Reminder types	Behaviour characteristics	Reminder mode	Intervention method
Driver distraction alert	Driver's gaze deviates from the driving direction	Driver display sound, driver display text	Warning sensitivity increased to earliest. Adjustment will remain until the end of the journey, or until the driver demonstrates not being distracted.



WARNING:

- **Even with the driver monitoring 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 recognise the need for rest in all cases.**

i CAUTION:

- Please comply with national road traffic safety laws and related regulations. Drive safely and avoid driving while tired.
- 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 precision detection devices. Performing such actions may damage the devices or prevent them from correctly detecting the driver's real-time status.
- When the driver monitoring system performs facial or behavioural 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 intense operating range, please adjust your position or posture.
- If the camera is interfered with, the performance of the system will degrade. The system will automatically return to normal operation when any of the following conditions are met:
 - The camera re-identifies the driver's face.
 - The vehicle is restarted.


i NOTE:

- Fatigue alert and distraction alert functions can be set through the central display.
- The fatigue alert and distraction alert functions require certain speed conditions to be met before they are triggered.
- The driver monitoring system does not record or upload any images, videos, sounds or other information related to the driver.
- The driver monitoring 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.
 - Night time 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 infra-red camera, such as sunglasses, hats, scarves, or masks.
- In some cases, the driver's capability may not be impaired, but the driver monitoring system may still remind the driver to take a break based on driving habits and other behavioural factors.
- The driver monitoring system may undergo continuous upgrades; the actual vehicle system may vary.
- The camera will not record or share images, audio, or video.

Forward collision mitigation assist (FCMS)

The forward collision mitigation assist system (FCMS) uses a millimetre 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 assist system

When the vehicle is started, the forward collision mitigation assist system (FCMS) 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 display. When the forward collision mitigation assist system (FCMS) is deactivated, the corresponding indicator lamp  illuminates on the driver display. When the vehicle speed is ≥ 8 km/h, the forward collision mitigation assist system (FCMS) cannot be adjusted.

Forward collision warning

Setting warning sensitivity

- After forward collision mitigation assist system is activated, the warning sensitivity can be set to "Far", "Medium", or "Near" via the central display.

Warning types

- Latent warning
- The distance warning is triggered when the vehicle is following another vehicle too closely at a stable speed, presenting a moderate collision risk. The driver display will show the corresponding target in yellow, accompanied by a warning sound.
- Collision warning
- When the imminent collision warning is triggered by the forward collision mitigation assist system (FCMS), the corresponding target will be displayed in red on the driver display, accompanied by a warning sound.
- Brake jerk
- If a high collision risk is detected at a relatively high speed, the system will trigger brake jerk to alert the driver to immediately apply emergency braking.

Autonomous emergency braking (AEB)

Levels of autonomous emergency braking

- Level 1 braking: Low brake when approaching the vehicle ahead.
- Level 2 braking: High brake as the vehicle gets closer.
- Level 3 braking: Full brake when a collision is nearly unavoidable.

System limitations

The forward collision mitigation assist system (FCMS) 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 (ESC) function has been manually turned off.
- The vehicle enters ESC 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, night time, 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 assist system (FCMS) 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 assist system (FCMS) 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 FCMS system to engage in risky driving. Drivers must always drive cautiously, be prepared to apply the brakes, reduce speed, or avoid obstacles.
- The FCMS 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 FCMS 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 FCMS system provides warnings and limited braking to help reduce collision injuries but cannot entirely prevent accidents or injuries. Drivers must maintain control of the vehicle at all times, drive cautiously, and take full responsibility for their driving behaviour.
- The FCMS system's detection capabilities cannot replace the driver's attention and judgement.

- Although the FCMS system is designed to help drivers avoid collisions or mitigate collision injuries, the system's effectiveness may vary depending on road conditions and driving behaviour. 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 FCMS 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 cut-outs) and the surrounding ambient light, leading to unnecessary accidents.
- In certain situations, if the FCMS 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 cancelling 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.
 - When tyres are improperly inflated or excessively worn.
 - When tyre chains are installed.

- If the ESC is manually turned off, the front collision mitigation assist system will also be disabled.

 CAUTION:

If the FCMS system malfunctions (e.g., repeatedly triggers incorrectly), please disable the system and promptly visit an AION Authorised Dealer or Authorised Repairer for inspection and repair.

 NOTE:

- Pressing the accelerator pedal or turning the steering wheel will terminate the forward collision mitigation assist system's alert.
- The FCMS system operates within a speed range of 8 km/h to 130 km/h. For pedestrians and two-wheelers, the FCMS system functions between 10 km/h and 80 km/h; for vehicles, the system operates between 10 km/h and 130 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 130 km/h, the FCMS system may not prevent a collision but can provide a collision warning. (State 1)
- The FCMS system operates within a speed range of 8 km/h to 150 km/h. For pedestrians and two-wheelers, the FCMS system functions between 10 km/h and 80 km/h; for vehicles, the system operates between 10 km/h and 150 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 150 km/h, the FCMS system may not prevent a collision but can provide a collision warning. (State 2)

Rear collision warning

The rear collision warning 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 lights will flash quickly to alert the vehicle behind.

Activation and deactivation

You can enable or disable the rear collision warning system through the central 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.**
- **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.**

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 door mirrors, audible warnings from the driver display, and panoramic camera images.

Activation and deactivation

You can enable or disable the rear cross traffic alert via the central 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 door mirror will flash, accompanied by an audible alert. The driver display 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.

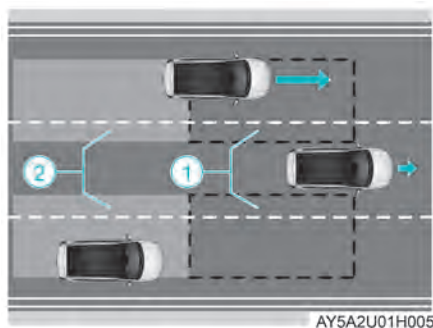
WARNING:

- 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 ESC 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.

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 door mirror indicator.

Activation and deactivation

You can enable or disable the blind spot detection (BSD) system through the central 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 door mirror will light up. If the corresponding direction indicator is activated, the door 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 assist 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 door 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.**
- **The vehicle power supply is turned off and restarted.**



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.**

Adaptive cruise control

The adaptive cruise control (ACC) uses a millimetre 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 vehicle to cruise at the set target speed.
- When a lead vehicle is present, the system will automatically control the vehicle to cruise according to the vehicle set speed, the lead vehicle speed and the set safety distance.

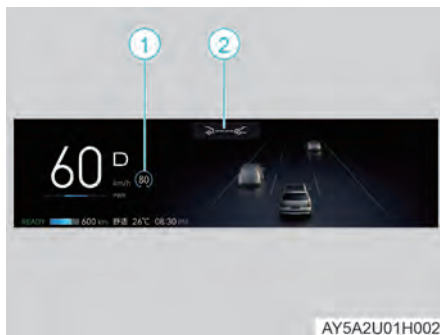
Description of ACC buttons



AY5A1U01H016

- Roll up and down: Adjust the cruising speed.
- Move left and right: Adjust the distance.

Interface description



AY5A2U01H002

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 on the driver display 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 driver display. When it is set to interval 4, the distance to follow the car is the furthest. 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 distance to the furthest interval.

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 a 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 a long-time stop of the lead vehicle, the pop-up window will read "Cruise waiting". If the lead vehicle drives off now, the driver display will prompt the driver to press 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 driver display will prompt the driver to press the accelerator pedal to resume ACC.

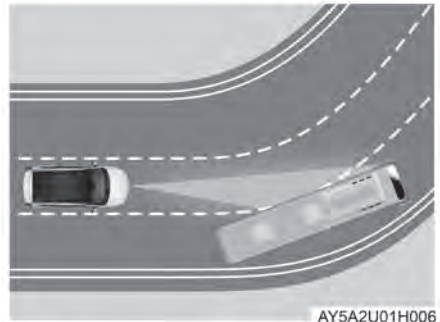
Cancelling ACC

If ACC is activated, press the brake pedal. The vehicle will cancel the cruise state.

System limitations

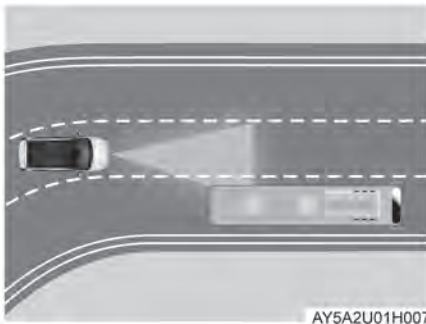
ACC is subject to limitation of physical laws, and thus in some driving environments, the driver may find that the vehicle incurs a response lag or is not controlled as expected after the reaction of ACC, therefore, the driver must always be ready to control the vehicle. The following conditions will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

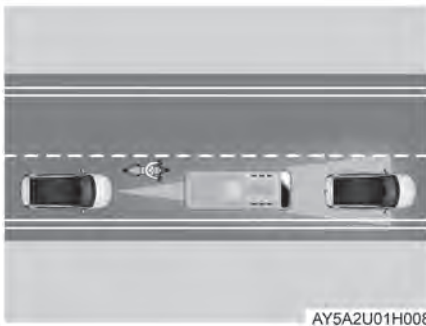


AY5A2U01H006

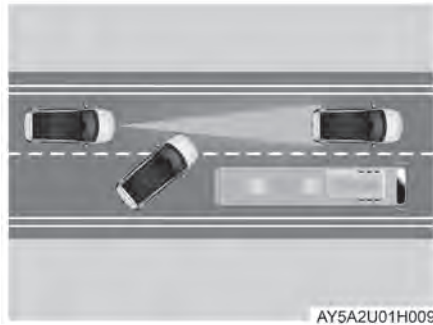
- Driving through a curve. During driving through a curve, the sensor may fail to capture the vehicle ahead, or may respond to vehicles in adjacent lanes. In this case, the ACC may make no response to the vehicle ahead or make unnecessary brake. The driver should actively take over the vehicle.



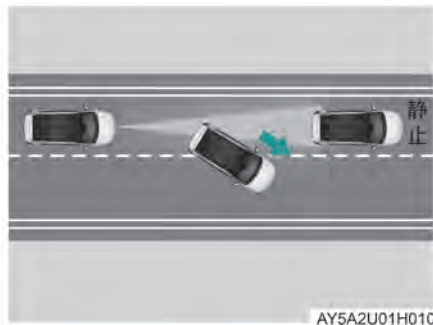
- Driving out of a curve. During driving out of a long curve, as ACC will calculate the lane in advance, the radar may respond to the vehicles in adjacent lanes and apply the brake of your vehicle. This braking process can be interrupted by pressing the accelerator pedal.



- 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 any time.



- Lane change of other vehicles. When a vehicle in the adjacent lane enters your 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 windscreen 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 driver display. At this time, the ACC and forward collision warning do not work.

- The ACC should not be used in traffic jams and poor visibility (night/back lighting/rain/snow/dense fog, etc.).
- The ACC may not take braking measures in face of people, animals, narrow vehicles such as bicycles, motorcycles, 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 judgement. 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 judgement. 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 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 following:
 - 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 your vehicle.
 - Vehicles, bicycles, pedestrians travelling 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.
- 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 travelling in close proximity to your 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 driver display reads "ADiGO cruise assist function limited", it indicates that the intelligent driving system is faulty. It is recommended to contact an AION Authorised Dealer or Authorised Repairer 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 driver display will show the prompt message reading "Please clean the intelligent driving sensor". After the dirt is cleaned off the sensor surface, ACC will return to normal.
- 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 an AION Authorised Dealer or Authorised Repairer for inspection and repair in time.

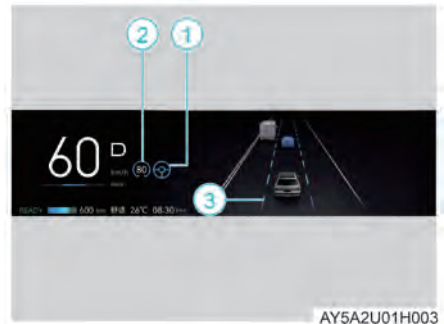
NOTE:

- 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 pressing of the 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 will be pressed 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 pressed 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 pressing 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".
 - ESC system is activated.
 - Vehicle speed is too high.
 - Wipers in fast operation 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 travelling in the middle of the lane.

Display interface of ICA

1. ICA status display

- When the system detects that the current road environment, vehicle status, and driver behaviour meet the activation conditions, the system will enter standby mode, and the indicator lamp  illuminates on the driver display.

- Once the system is activated, the indicator lamp  illuminates on the driver display, and the system will provide appropriate lateral and longitudinal assistance based on the driver's behaviour.
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 grey. 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 driver's display will be highlighted.

Activating ICA

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

Cancelling ICA

When the vehicle is in ICA mode, the ICA will be deactivated if the brake pedal is pressed 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 level one hands-free visual alert is a text pop-up saying "Please hold the steering wheel tightly."

- Second and third level hand-off visual prompts are graphic pop-ups saying "Please lightly turn the steering wheel," accompanied by an alert sound (there may be differences in presentation between different configurations).

If the driver does not respond to system prompts for a long time and continues to drive with hands off, ICA's lateral control will be interrupted.

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 centred 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 direction indicators are 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 bonnet, or tailgate, 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 windscreen wipers are set to high speed for an extended period.
- The sensors are obstructed.
- The system malfunctions.
- 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.
- 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 coloured, 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.

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 windscreen, 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.

- 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 behaviour 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 tyre wear, abnormal tyre 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 vehicle, and maintain an appropriate speed and headway to keep the vehicle travelling 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.
- 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 driver's display reads "ADiGO cruise assist function limited", it indicates that the intelligent driving system is faulty. It is recommended to contact the 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 being 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.**

Brake system overview

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 an AION Authorised Dealer or Authorised Repairer for inspection and repair.
- If the vehicle vibrates or buffets continuously during braking, it is recommended to contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.



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 tyre slip (when the water layer between the road surface and the tyre prevents direct contact between the tyre 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 (ESC)

The electronic stability program (ESC) 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), ESC makes correction by applying braking force and limiting torque output to the corresponding wheel to ensure the stability of the vehicle.

The ESC system is enabled by default after the vehicle is started. The ESC system can be enabled or disabled on the central display.

⚠ WARNING:

The ESC system will work when the vehicle is running, and it should be turned on for driving safety. The ESC 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 tyre forces.

Multi Collision Braking (MCB)

In certain collision scenarios, the system automatically applies the brakes to help prevent or mitigate potential secondary impacts.

MCB cannot be deactivated by the user.

When activated, MCB assists in bringing the vehicle to a controlled stop. During this process, the brake lights and hazard warning lights will illuminate, with the hazard lights remaining on after the vehicle comes to a complete standstill. The electric parking brake will then engage automatically for added safety.

If stopping the vehicle is not desired (for example: for evasive maneuvers), you can override the system by pressing the accelerator pedal.

**NOTE:**

MCB only functions when the braking system remains operational after the initial collision, providing an additional layer of protection for your journey.

Hill-Hold Control System (HHC)


The Hill-Hold Control System (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 realise the effect that the vehicle does not slide in the opposite direction without application of the parking brake, which greatly facilitates vehicle starting and pedal operation.

On the premise of meeting the following conditions, if the driver presses 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 ESC 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 display. When the vehicle speed is below 35 km/h and HDC is activated, the HDC indicator lamp illuminates on the driver display. When the vehicle speed exceeds 60 km/h, the HDC system will deactivate, and the HDC indicator lamp on the driver display 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.

Regenerative braking system

The regenerative braking system 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 (ESC) 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, tyres and other components) of the vehicle will affect the function of ESC and ABS.
- Tyres of specified specifications and size must be used. If the tyre size is incorrect, or the size of the tyres is inconsistent, the ABS may not function.
- When the driver display shows a fault related to the HDC system, you need to pay attention to safe driving. To restore the function, 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.


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 central display.

Automatically 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 driver display 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 driver display 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  illuminates on the driver display.

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 the EPB. Then, press the brake pedal. Enter the towing mode via the central display.




Turning off towing mode

- The towing mode can be turned off via the central 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 pressing the brake pedal, and the service life of the parking brake system will be shortened.

i CAUTION:

- When the battery power is low, the system cannot release the EPB. If conditions permit, you can connect jump leads for emergency start, and then release the EPB. It is recommended to contact an AION Authorised Dealer or Authorised Repairer for assistance.
- If the vehicle continues to slide after the EPB has been applied on the slope, please press the brake pedal, drive the vehicle to a flat road, and contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.
- In the following cases, try to apply and release the EPB repeatedly. If the fault has not been eliminated, it is recommended to contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.
- If the EPB status indicator lamp  on the driver display keeps flashing, it indicates that the EPB is faulty.
- If the EPB status indicator lamp  on the driver display comes on when EPB is not applied, it indicates that the EPB is faulty.
- If the EPB fault indicator lamp  on the driver display comes on, it indicates that the EPB is faulty and its braking performance is degraded.

i NOTE:

- If the EPB cannot be released when the gearshift lever is at "P" position, the driver display will give an alarm to remind you.
- If the "P" button is pressed during driving, the driver display will give an alarm message together with an audible beep.
- 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 central display gets stuck and cannot be used, press the brake pedal and long press (for more than 10 s) the "P" button.

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 display via the  button, and tapping 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  illuminates on the driver display, 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 will deactivate the function.
- 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.

Front and rear parking aid

The parking aid 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 the parking aid

When the gearshift lever is moved into the "R" position, the front and rear parking aid will automatically turn on, and when the parking aid 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 parking aid will start to work while the rear parking aid will not.

When the gearshift lever is moved into the "P" position, the parking aid will turn off automatically.

Reverse parking aid audible alarm

The reverse parking aid audible alarm can be turned on or off via the central display.

Radar system fault

When a radar sensor malfunctions, a 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 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 parking aid 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.**
- **The parking aid sensors have blind spots while 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 parking aid 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 parking aid may not work.
- When the vehicle is reversing at a narrow place or on an uphill slope, the parking aid sensors may not detect railings, trees or slope surfaces, which is normal.
- The surface of some materials cannot reflect the signal from the parking aid sensor, so that the parking aid 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.
- Refer to **2D panoramic image display area** [Page 155](#) for the precautions when using parking aid sensors.

360° surround view camera

The 360° surround view camera 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 central display. This provides the driver with information on the surrounding environment of the vehicle and helps to reduce blind spots during driving. It can also predict vehicle trajectory, so that the driver can fully understand the running direction of the vehicle and ensure driving safety.

Surround camera interface



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



NOTE:

The surround camera interface is related to the vehicle configuration, please refer to the actual vehicle configuration.

Activating the surround camera

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

Tap the surround camera soft key on the status bar at the bottom of on the central display to turn on the surround camera.

* Press the button on the steering wheel (set the custom button on the central display as one-button PVM) to turn on the surround camera. The vehicle also allows activating the surround camera via voice command.

Surround camera settings

The surround camera can be set in the function button area.

Panoramic image interface switching:

- Click the 2D/3D/wide-angle image switch soft key to switch the panoramic image display effects.

Rearview mirror control switch:

- Click to control the folding, unfolding, and mirror dip functions of the rearview mirror. For a description of the mirror dip feature see Mirror dip when reversing [Page 92](#).

Function settings:



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- 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, and panoramic view after activation of direction indicators can be set as needed.

⚠ WARNING:

The surround camera system 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.

i CAUTION:

- Keep the surface of parking sensors clean and free from obstruction. If the parking sensor is dirty or blocked, that is, the parking sensor area is covered by rain, snow, mud or others, its related functions may fail to work, and the driver display may show related function disabled or fault information. To restore these functions to normal, clean the dirt.
- Do not attach accessories, stickers (including transparent stickers) or other objects on the parking sensors, camera or surrounding area, otherwise normal system operation may be affected.
- Do not use a licence 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 parking sensors are damaged or mis-aligned, the driver display will show fault information. In this case, please contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.
- The parking sensor, camera or the surrounding area should be free from strong impact. If the parking sensor and camera are strongly impacted, please contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.
- If the bumper needs to be repainted due to scratches or color modification, avoid the area where the parking sensor is installed. The change of paint color may impair the performance of the parking sensor.

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

i NOTE:

- After the radar activates the panorama (if configured), it will automatically exit the panoramic view after the obstacle is passed.
- After activating the panorama in "R" gear, when switching to "D" gear and if the vehicle speed is fast, the 360° panorama system will immediately shut off.
- When the vehicle is in a gear position other than "R", click the exit button in the upper left corner of the surround camera interface to exit the surround camera.

- **The parking sensor and camera must be adjusted and calibrated after the parking 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 parking sensor and camera requires the use of special tools and equipment. It is recommended to contact an AION Authorised Dealer or Authorised Repairer for related work.**
- **Repair of the vehicle body or bumper may cause the direction of the parking sensor to change and affect the functions related to the parking sensor. It is recommended to contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.**
- **The radar sensor is a precision component, which shall not be removed & refitted and repaired without authorisation. Otherwise, AION will not assume any responsibility for the damage arising therefrom.**

Tyre pressures

It is recommended to check the tyre pressures regularly and re-inflate where necessary. The tyre pressures for your vehicle can be found in the technical specifications section of this handbook. See Reinflate the tyres [Page 160](#) and Wheel and tyre specifications [Page 203](#).



WARNING:

Take care to maintain proper tyre pressure to prevent accidents.

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



NOTE:

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

Tyre pressure monitoring system (TPMS)

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

TPMS alarm

The TPMS will trigger an alarm in the following situations:

- Tyre pressure is too low.
- Tyre pressure is too high.
- Tyre temperature is too high.
- Rapid tyre deflation.
- System failure.

How to check TPMS alarm information



If the TPMS indicator lamp flashes and then stays on, it indicates a fault in the tyre pressure monitoring system. If the TPMS indicator lamp remains on, it indicates an abnormal tyre pressure or temperature. You can view detailed information on the driver display.



WARNING:

- **Do not rely solely on the TPMS; regularly inspect the tyres to ensure correct tyre pressure and check for any damage, such as punctures, cuts, or cracks.**
- **If the 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 tyre pressure. When the tyre temperature is too high, it is recommended to stop and rest until the tyre temperature decreases before continuing to drive.**

i CAUTION:

- Some aftermarket electronic devices may cause interference, potentially preventing the TPMS from functioning correctly.
- After replacing the tyre pressure sensors, changing tyres, or rotating tyres, if the correct tyre pressure sensors compatible with the vehicle are installed, you do not need to visit an AION Authorised Dealer or Authorised Repairer for recalibration. The TPMS will automatically learn and recalibrate over the next few driving cycles.
- When the TPMS alerts you that the tyre 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 an AION Authorised Dealer or Authorised Repairer to replace the sensor.

Introduction to the air pump

The air pump is located in the tool kit. See Tool kit [Page 195](#).



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1. Power line
2. Power plug
3. Power switch
4. Connector
5. Hose
6. Air pressure gauge

Reinflate the tyres

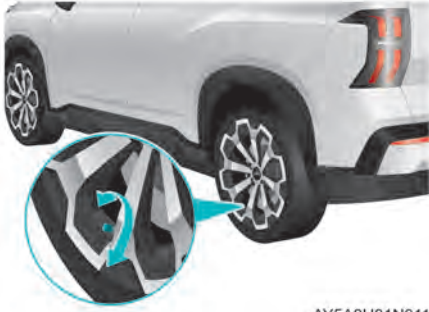
Use the air pump to inflate the tyre when the tyre pressure is low.

i CAUTION:

- It is forbidden to disassemble or modify the air pump.
- Only apply 12V DC power supply to the air pump. Never use other power supplies.
- Do not operate the air pump for more than 30min.
- Do not operate the air pump in the water when it rains.
- Sand and dust may damage the air pump. Do not use it in a sand area or on sandy and dusty ground.

Inflation method

1. Park the vehicle in a flat and safe place. Remove the tyre valve cap.



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2. Screw the connector of the air pump into the tyre valve.



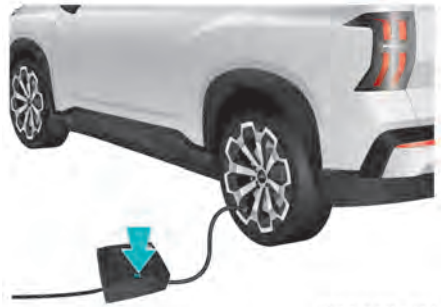
AY5A2U01N015

3. Insert the power plug into the power outlet interface.



AY5A2U01N015

4. Start the vehicle, and turn on the air pump for inflation.



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5. Observe changes in the air pressure gauge. Turn off the air pump to stop inflation when the standard tyre pressure is reached.
6. Screw off the connector of the air pump and fit the tyre valve cap.
7. Unplug the power plug, and properly store the air pump.

Replacement wheels and tyres


New tyres and wheels

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

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

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

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


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

Tyres marked with rolling direction


Some tyres are marked with arrows or characters indicating the rolling direction on the sides, so these tyres must be installed in the marked rolling direction. If the tyre rolling direction is reversed, there may be dangers such as tyre jitter, increased noise, accelerated wear, and significantly weakened grip during driving.

Precautions for use of tyres

Please read and observe the followings when using and maintaining your tyres.

 **WARNING:**

- **Within the first 500 km, the road adhesion of new tyres is unlikely to reach the best condition. Therefore, the vehicle shall be driven carefully at a moderate speed to prevent accidents.**
- **Never use damaged tyres and wheels, or use tyres where the tread has been worn to the wear indicators.**
- **Do not use old tyres that have been in use for over six years.**
- **Do not use old wheels and tyres of unknown origin under any circumstances, otherwise, a loss of control of the vehicle and potential accident may result.**
- **Do not use recycled tyres. The carcass of these tyres 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 tyres to chemicals, oil, grease, fuel and brake fluid.**
- **If it is found that the vehicle is abnormally vibrating or deviating, stop the vehicle immediately and check whether the tyres are damaged.**
- **Inadequate road adhesion of tyres not subject to running-in period or excessively worn can directly affect the braking effect. If uneven and excessive wear of the tyres is found, please visit an AION Authorised Dealer or Authorised Repairer for inspection as soon as possible.**

Winter and summer tyres

Winter and summer tyres are designed according to their respective typical lane conditions under the corresponding seasonal conditions. It is recommended to tyres that correspond to the prevailing environmental conditions, otherwise the adhesion and braking ability will be poor.

Winter tyres

- Winter tyres 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 tyres while driving in icy or snowy conditions or when the temperature is below 7°C.
- Use only radial winter tyres of same dimensions, load range and rated speed as original ones and approved for this vehicle.
- The tread depth of winter tyres shall not be less than 4 mm.
- After installation of tyres, check the tyre inflation pressure.
- Winter tyres 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 when winter tyres are used.
- The maximum speed for winter tyres is relatively low. Do not exceed the allowable maximum speed for the tyres during driving.

Summer tyres

- Summer can be a rainy season. The tyre tread depth directly affects the driving safety on rainy days. The tread depth of summer tyres should not be less than 3 mm.
- If summer tyres are used in severe cold conditions, cracks may appear on the tyres, resulting in tyre damage, increased tyre noise, and loss of balance.
- When driving in atmospheric temperature rising above 7°C, in order to ensure driving safety and performance, please use summer tyres in time.

Snow chains

Using snow chains

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

WARNING:

- Snow chains must be installed in pairs to the driving wheels.
- For installation of snow chains on all tyres, ensure that the vehicle can be driven in a balanced manner in all weathers. It shall be borne in mind that after installation of snow 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 snow 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 snow chains to the tyres can increase certain friction force, but can not prevent sideslip.
- Failure to adhere to these warnings will adversely affect the performance and safety of the vehicle.

CAUTION:

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

NOTE:

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

Using the tyre repair system

WARNING:

When repairing or replacing a tyre, turn on the hazard warning lamp and place a warning triangle behind the vehicle as stipulated to avoid a secondary accident.

Do not keep driving with a flat tyre, because the tyre may be damaged beyond repair even for a small distance.

Inhalation of the tyre sealer may damage your health. If it is swallowed accidentally, get medical help right away.

If the tyre sealer gets into the eyes or comes into contact with the skin, flush the contact area with plenty of water, and get medical help right away.

NOTE:

The tyre sealer can only be used once. You don't have to use it when the leakage is slow.

A bottle of tyre sealer can only be used to repair one tyre.

The tyre sealer has a five year shelf life. Use it in the temperature range of 30°C to 70°C.

The tyre repair system can be used when:

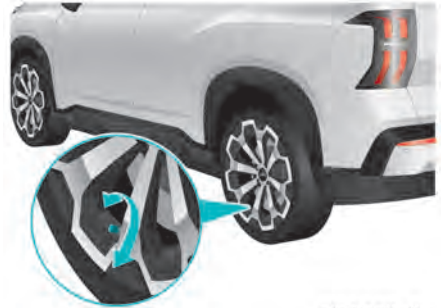
- There is a leakage due to a puncture in the tyre e.g., from a nail.
- Tread damage is smaller than 6mm.

The tyre repair system should not be used when:

- A tyre is burst.
- The tyre sidewall is damaged.
- There is a puncture by a sharp object that is 6mm or larger.
- The hub is exposed.

- The hub is damaged.
- There are punctures in more than one tyre.

1. Park the vehicle in a flat and safe place. Remove the tool kit. See Tool kit [Page 195](#).
2. Remove the tyre valve cap.



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3. Shake the tyre sealer and screw its connector into the tyre valve.



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- Connect the air pump's connector to the tyre sealer bottle.



AY5A2U01N018

- Insert the power plug into the power outlet interface.



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- Start the vehicle, and turn on the air pump for inflation.



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NOTE:

Observe the changes in the pressure gauge. When filling with tyre sealant, the pressure is higher (about 280~400kPa); after the tyre sealant is filled, the pressure drops (about 70~140kPa)

- Keep inflating the tyre to the standard pressure after the injection is completed.

NOTE:

If the tyre pressure does not return to normal within 10 min, it means that the tyre cannot be repaired.

- Turn off the air pump to stop inflation.
- Remove the connectors of the air pump and the tyre sealer, and fit the tyre valve cap.
- Unplug the air pump, properly store the air pump, and recycle the tyre sealer bottle.
- Drive 5km at 20-60km/h to allow the tyre sealer to spread evenly throughout the tyre and congeal.
- Park the vehicle in a safe area and place a warning triangle. Use the air pump to check the tyre pressure. If the pressure is normal, continue to drive. If it is low, use the air pump to inflate the tyre to the standard pressure.
- Check the tyre pressure again after another drive. The failure of the tyre repair is indicated if the tyre pressure continues to drop. Now, please park the vehicle in a safe area and call for help.

 **CAUTION:**

- The driving speed should not exceed 80km/h after the tyre is repaired with the tyre sealer.
- The tyre sealer is only used for a temporary repair. Please contact an AION Authorised Dealer or Authorised Repairer soon afterward for tyre repair or replacement.
- The tyre sealer bottle should not be placed upside down.

Cleaning the exterior

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 petrol 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 hose 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 the tyres with a special sponge and brush.
5. Thoroughly wash off all 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 flap, 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.

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 wheel
- Use a special cleaning agent and a soft brush to clean dirt and dust from the wheel.
- Rinse off stains and residual cleaning agent with clean water.
- Dry the wheel 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 lens with a piece of soft cloth.

CAUTION:

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

- Bumper

CAUTION:

- **Do not scrub with abrasive detergents.**

Cleaning the interior

Cleaning of the driver display and other interior trims

Wipe the driver display gently with a piece of moistened soft cloth during cleaning.

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

i 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 maintenance agent.

i 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 AION sales store regularly (semi-annually) to restore the bright luster of the leather surface in a timely manner.

Cleaning switch

Use a small, 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, then use a clean piece of soft cloth to wipe off any remaining liquid.

i 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 window in a direction parallel to the heated rear screen elements or antenna.

Clean the rearview mirrors with soapy water.



CAUTION:

- **Do not use glass cleaner to clean the rear window, as this may damage the heated rear screen 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 dry yafter cleaning, and keep the carpet as dry as possible.

Precautions for cleaning the interior

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

- 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 driver display, otherwise the driver display may reflect light on the windscreen, obstructing 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.**
- **If 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 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 rusted, the rust must be completely removed, and anti-corrosion primer and varnish shall be applied to the rusted position. It is recommended to contact the 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 cleaning of the interior, and is only to be carried out after the interior cleaning.

Maintenance of the driver display

After the driver display is cleaned a protective layer of wax can be applied to the screen. This helps reduce the wear and tear, thus prolonging the plastic material of the display screen.

Maintenance of leather upholstery

Leather upholstery 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 used to help prevent fogging of the windows in rain, snow, or adverse weather conditions.

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.

Wiper maintenance position

Wiper maintenance mode will move the wiper blades to their highest position and allows them to be lifted away from the windscreen. Wiper maintenance mode can be activated and de-activated via the central display.

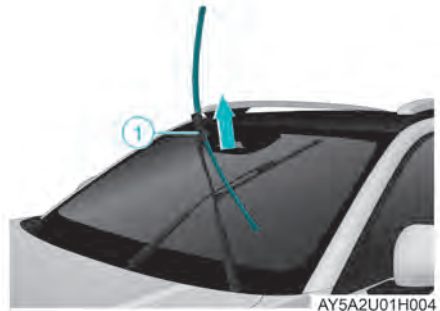
NOTE:

- Before activating wiper maintenance mode, close the bonnet, otherwise 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 wipers should be lifted up from the front windscreen.
- Wiper maintenance mode can be enabled and disabled via speech control.

Replacing the wiper blades

Replacing the front wipers

1. Activate wiper maintenance mode. See Wiper maintenance position [Page 173](#).
2. Pull up the wiper arm from the windscreen.



3. Press the wiper blade lock button **(1)**, and remove the wiper blade as arrowed.
4. Install the new wiper blade by following the steps in reverse order.

5. Gently lower the wiper arm back onto the windscreen.
6. Deactivate wiper maintenance mode. The front wiper blade will return to its original position.

Replacing the rear wiper

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



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2. Pull out the wiper blade in the direction of the arrow to remove it.
3. Install the new wiper blade by following the steps in reverse order.
4. Gently lower the wiper arm back onto the rear window.

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 can be left, after wiping, either the windscreen or rear window and may affect the driver's vision.

CAUTION:

- **Do not open the bonnet when the front wiper arm is pulled up; otherwise the bonnet 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 windscreen or rear window slowly, so as to avoid damage to either the windscreen or rear window.**
- **After the wiper blade is removed, the wiper arm should be kept upright to avoid damage to the windscreen or rear window.**

Window reset

The power windows need to be reset if:

- The up and down function fails.
- The anti-pinch function fails.
- The anti-pinch function is triggered multiple times within a short period of time and fails.

Window reset procedure

1. After starting the vehicle, press the window button to completely open the window.
2. Pull the window button (of the window that needs to be reset) until the window is completely closed, and then hold the button 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 reset procedure.

⚠ WARNING:

During the reset, 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 reset failure or window damage, or even personal injuries.

ℹ NOTE:

- **If the button is released during the window movement, perform the reset procedure again.**
- **If window operation does not return to normal after the reset procedure, contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.**

Sunshade reset

In some cases (such as sudden battery loss, after long-term vehicle use, the sunshade may become misaligned or trigger false anti-pinch making it impossible to close the sunshade properly), the sunshade may need to be manually reset.

To reset the sunshade:

1. Start the vehicle, press and hold the sunshade close soft key in the central display, the sunshade moves to the closed position. (Ignore this step if it is already in the closed position).
2. Long press the sunshade close soft key in the central display and hold it, about 6s later the sunshade starts to move to the fully open position and continues to perform the closing action, after it is completely closed, release the soft key to complete the reset procedure.

Sunshade reset (false anti-pinch state)

1. Start the vehicle, long press the sunshade open soft key in the central display, the sunshade will move to the fully open position, long press the sunshade close soft key in the central display and hold it, after about 6 seconds the button will change from lit to gray.
2. Long press the sunshade close soft key in the central display until the sunshade is completely closed, release the soft key to complete the reset procedure.

⚠ WARNING:

The anti-pinch function of the sunshade is disabled during the reset procedure; therefore in this process, do not try to hinder the closing of the sunshade by placing any obstacles, otherwise, damage may be caused and the reset procedure may not be successful.

ℹ NOTE:

If the automatic closing function and anti-pinch function of the sunshade are still not recovered after the reset procedure, contact an AION Authorised Dealer or Authorised Repairer for inspection and repair.

Storing the vehicle

A good parking environment helps prevent deterioration and makes it easy to reoperate 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 State of Charge (SOC) of the vehicle is 50%~70%.

- Carry out the maintenance every three months, and before parking, slow charge the High Voltage (HV) battery and then discharge it to 50%~70%.
- Keep the vehicle parking environment as dry and ventilated as possible, and 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 12 V battery.
- Pad the front wiper blades with a towel or a piece of cloth so that they do not come into contact with the windscreen.
- Cover the body with a car cover made of a "porous material" such as cotton. Nonporous 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, check the driver display for any warning lights/messages before using it again. If any warnings or messages are displayed contact the AION sales store for inspection and repair.

Tyre maintenance

Defective tyres will increase the risks associated with driving, and you should get into the habit of checking your tyres before driving.

Hidden damage

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

Precautions for wheel failure

When driving over curbs or similar obstacles, reduce speed as much as possible.

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

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

Service life of tyres

Service life of tyres depends on tyre pressure, driving style and tyre assembly conditions.

Wheel balance

The wheels of the new vehicle have been dynamically balanced, but during 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 tyres.

The dynamic balance must be performed after installation of new tyres or repair of tyres.

Wheel alignment

Wheel misalignment will cause uneven and excessive wear of the tyres, affecting driving safety. If uneven and excessive wear of the tyres is found, please contact an AION Authorised Dealer or Authorised Repairer 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 tyre wear occurs.

Instructions for storing tyres

If there is no rolling direction mark on the side of the tyre, before removing the tyre, make a mark on the tyre to indicate the rolling direction, and refit the tyre according to the mark to ensure the rotation direction and the dynamic balance of the wheel are unchanged.

The removed wheels or tyres shall be stored in a dry place, and preferably in a dark place.

The tyres mounted on the rims should not be stored upright, and the tyres not mounted on the rims should be stored upright (the tread surfaces shall touch the ground).

Brake wear

The brake linings are equipped with wear indicators. A thin metal plate attached to the brake lining serves as the wear indicator. There will be a harsh sound as the brake lining wears down to its limit. This noise suggests that the brake lining needs to be replaced since it has outlived its useful life. It is recommended to contact a AION sales store for replacement.



CAUTION:

Please replace the brake linings in time. Otherwise the worn brake linings will damage the brake system and lead to a braking failure.



NOTE:

- **The wheels and tyres must be removed regularly for visual inspection on the brakes.**
- **For areas where road salt is used in winter, it is recommended to clean and lubricate the brake calipers once a year or every 10,000 kilometers.**

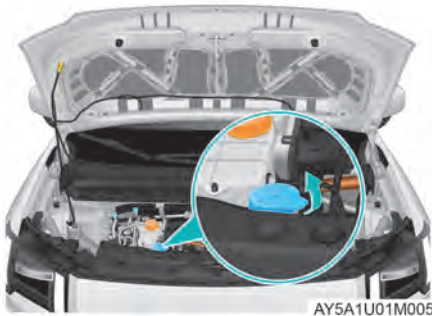
Corrosion protection measures

The vehicle has effective corrosion protection. However, in order to reduce the risk of corrosion, please observe the following:

- 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 an AION Authorised Dealer or Authorised Repairer 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.

Topping up the washer fluid



AY5A1U01M005

1. Open the bonnet.
2. Release the washer fluid reservoir cap (arrowed), and check the washer fluid in the reservoir.
3. If the washer fluid level is too low, add washer fluid or a mixture of washer fluid and water.
4. Refit the washer fluid reservoir cap.



WARNING:

- Do not add any additives to the washer fluid, otherwise oil stains or other debris will be left on the windscreen during cleaning, which will affect the driver's visibility.
- If the washer fluid spills on your hands or eyes, rinse immediately with clean water.



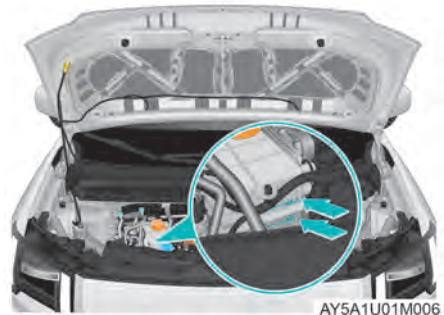
CAUTION:

- Do not use other liquids in place of washer fluid, as this may cause streaks on the vehicle paintwork.
- Do not mix the washer fluid with a cleaning agent, as this may block the windscreen washer nozzle.

NOTE:

- It is difficult to wash the windscreen thoroughly with pure water.
- The graphic shown is for illustrative purposes only.

Check and top up the coolant level



AY5A1U01M006

1. Open the bonnet.
2. Check the coolant level in the expansion tank.
3. If it is below the "MIN" mark, top up the coolant, in the expansion tank, to a level between the "MIN" and "MAX" indicator marks.



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.

i CAUTION:

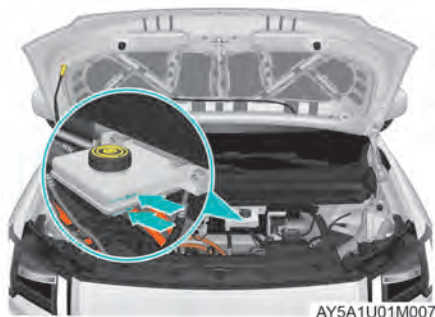
- If the coolant is spilled during refilling, wipe it off with a cloth to prevent damage to the parts or paintwork.
- It is recommended to go to the AION sales store to add or change the coolant.
- Use the same coolant as the original one, and do not mix different types of coolant.

i NOTE:

The graphic shown is for illustrative purposes only.

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.

Check and top up the brake fluid level



1. Open the bonnet.
2. Check the brake fluid level in the brake fluid reservoir.
3. If it is below the "MIN" mark, top up the brake fluid, in the reservoir, to the "MAX" level indicator mark.

⚠ WARNING:

- The brake fluid must be stored in marked containers out of the reach of children.
- If the brake fluid spills onto your hands or gets in your eyes, rinse immediately with clean water. If you still feel unwell, seek medical attention.

i CAUTION:

- Do not spill the brake fluid on the paintwork. If brake fluid is spilled on the paintwork, wash it off with water immediately.
- It is recommended to go to the 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.

i NOTE:

The graphic shown is for illustrative purposes only.

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, it is recommended to contact an AION Authorised Dealer or Authorised Repairer 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.**

12V 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 an AION Authorised Dealer or Authorised Repairer 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 AION sales store to remove, replace or install the battery.

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 wearout 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.

**WARNING:**

- 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 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.
 - Do not charge a battery with a bulging, cracked, or leaking acid casing.
 - Do not charge a battery with a voltage lower than 10.5V when the temperature is below 0°C. If charging is necessary, move the battery to a room temperature (25°C) environment and let it sit for 24 hours before charging.
 - If external charging is required, use a 12V lead-acid battery-specific charger and follow the operating instructions. Do not charge at high voltage for an extended period (AGM battery charging voltage must be $\leq 14.8V$).
 - Do not hit the terminals to avoid loosening, which could cause acid leakage or spillage.

**CAUTION:**

- Avoid battery overcharging or longterm 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.**
 - **Do not randomly install electrical devices to prevent long-term battery discharge and sulfurization, which shortens the battery's lifespan.**
 - **The battery terminals and connections to the wiring harness must be tightly secured and have good contact, otherwise, charging speed will slow down, and battery aging will accelerate.**
 - **It is recommended to regularly check that the exhaust holes on both sides of the battery cover are clear. Do not allow dust, ice, or water to block them to prevent poor ventilation.**
 - **If the battery becomes discharged for any reason during use, charge the battery promptly to prevent long-term discharge, which accelerates aging.**
 - **When using metal tools for assembly or repair, do not connect them directly to the positive and negative terminals to avoid reverse connections, short circuits, or loose wiring that could damage the battery.**
- **Due to the decrease in temperature, the battery's discharge capacity and charging speed are reduced, so extra care should be taken to minimize battery discharge. If you are in an extremely cold area and have a warm storage facility, it is recommended to store the vehicle in a heated garage.**

i NOTE:

- If the vehicle's power is on but the engine is not started, prolonged use of electrical devices in the car will cause the battery to discharge quickly. When leaving the vehicle, ensure the doors are closed and all electrical devices (such as lights) are turned off.
- If you have no plans to use the vehicle for more than 30 days, it is recommended to fully charge the battery and disconnect the negative terminal (except for 12V lithium batteries) to prevent over-discharge. If the vehicle has not been used for over 180 days, it is recommended to start the vehicle or use a dedicated charger according to the instructions to charge the battery.
- If the vehicle is used for long periods of short trips (less than 10 minutes), it is recommended to perform a vehicle start operation for at least 30 minutes once a month.
- If the 12V low-voltage power supply system fault indicator light is on after repairs or remote software upgrades, please start the vehicle or use a dedicated charger according to the instructions to charge the battery.

- Please follow the battery usage and maintenance precautions; otherwise, it may lead to early battery replacement and affect warranty coverage. If the battery appears in good condition and the usage and maintenance instructions have been followed, but product issues arise, please contact an AION Authorised Dealer or Authorised Repairer for warranty service. If the battery issue is due to incorrect usage, it will not be covered under warranty, but AION will provide necessary technical support and services.

Connecting jump leads

If the low-voltage battery is depleted and the vehicle cannot be started, you may attempt to start your vehicle using jump leads and the low-voltage battery of another vehicle.

To connect jump leads

1. Connect one end of the red positive (+) cable to the positive (+) terminal of the battery on the rescued vehicle that has no power.
2. Connect the other end of the red positive (+) cable to the positive (+) terminal of the battery on the rescue vehicle that has power.
3. Connect one end of the black negative (-) cable to the negative (-) terminal of the battery on the rescue vehicle that has power.

i CAUTION:

Do not let the clamp of the other end of the black negative (-) cable touch anything before proceeding to step 4.

4. Connect the other end of the black negative (-) cable to an appropriate grounding point (a clean, unpainted, solid grounded metal component) on the rescued vehicle.

CAUTION:

- Do not approach the battery's negative (-) terminal.
- Do not connect the other end of the black negative (-) cable to the powerless battery.

5. First start the rescue vehicle for a period, then attempt to start the rescued vehicle and let it run for a while to ensure adequate charging.

NOTE:

If the rescued vehicle cannot be started after several attempts, it is recommended to contact an AION Authorised Dealer or Authorised Repairer for assistance.

To disconnect jump leads

1. Disconnect the black negative (-) cable from the rescued vehicle (vehicle with no power in the battery).
2. Disconnect the black negative (-) cable from the rescue vehicle (vehicle with power in the battery).
3. Disconnect the red positive (+) cable from the rescue vehicle (vehicle with power in the battery).
4. Disconnect the red positive (+) cable from the rescued vehicle (vehicle with no power in the battery).

WARNING:

- Connecting or disconnecting the jump leads in the wrong order may result in electrical short circuits, leading to vehicle damage or personal injury, and repairs resulting from this are not covered under warranty.
- The jump leads must be connected and disconnected in the correct order, ensuring cables do not touch each other or other metal to prevent accidents.
- Not all vehicle batteries can be used; only batteries with a rated voltage of 12V can be used for jump-starting.

Traction battery maintenance

- 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 an AION Authorised Dealer or Authorised Repairer 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 for non-qualified persons to open or repair the traction battery pack.

i 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.
- 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 an AION Authorised Dealer or Authorised Repairer for inspection and maintenance.

Precautions for LFP traction battery

If your vehicle is equipped with a LFP traction battery, please read and observe the following.

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 an AION Authorised Dealer or Authorised Repairer.

When the traction battery needs to be replaced or scrapped, it is recommended to contact an AION Authorised Dealer or Authorised Repairer for recycling and disposal. The sales store will record the vehicle and owner traceability information through the traceability system.

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 an AION Authorised Dealer or Authorised Repairer 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.

Fuse box location

The motor compartment fuse box is located at the left rear of the motor compartment. To access the motor compartment fuses:

1. Open the bonnet.
2. Press the buckles on both sides of the fuse box while pulling up the fuse box cover.

The cabin fuse box is accessible with the driver side lower guard plate assembly removed.

Replacing a fuse

All circuits on the vehicle are fused to prevent damage 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.

To check and replace a fuse:

1. Turn off the vehicle power supply.
2. Open the fuse box cover.
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 are working and refit the fuse box cover.

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 AION Authorised Dealer or Authorised Repairer for inspection and repair.**

Emergency entry and exit

Emergency deployment of the hidden door handle

When the hidden door handle is frozen due to rain or snow, or blocked by foreign objects, and cannot be deployed after unlocking, you can use the emergency procedure to deploy it:



AY5A1U01N004

1. Press the front side of the door handle toward the interior of the vehicle to make the rear side pop out.
2. Pull the door handle to open the door.

NOTE:

- The emergency procedure can be used to deploy all four hidden door handles. The above procedure is demonstrated using the left front door as an example.
- If the door handle is frozen, you can knock off the ice from the hidden door handle. However, the force used to knock should not be too strong to avoid causing dents in the vehicle.
- When the hidden door handle is frozen and cannot be deployed, you can use a flathead screwdriver or other small-headed tools to clear the ice around the handle's edges. After clearing the ice, the door handle can be deployed.

Emergency unlocking/locking via the mechanical key

When the doors cannot be unlocked/locked by either the smart key or via the AION App, 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.



AY5A1U01N005

- Unlock or lock the doors by inserting the mechanical key into the keyhole and turning the key.

Emergency locking of the passenger's door

- Open the passenger's door to be locked.



- 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.

i 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.

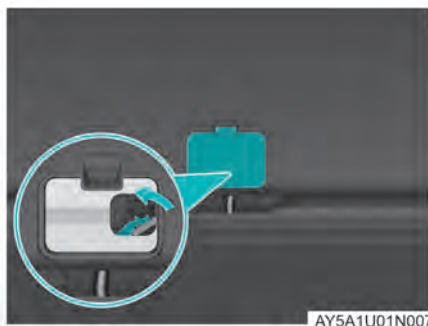
i NOTE:

Depending on the force and range of the impact, the automatic collisionsensitive unlocking function may be invalid in extreme cases.

Emergency unlocking of the tailgate

To unlock the tailgate in the event of an emergency, follow the steps below:

- Enter the trunk.



- Remove the tailgate emergency unlocking port cover. Toggle the unlocking switch in the direction of the arrow as shown to unlock the tailgate.

Emergency power off



When the vehicle is powered on or in motion, pressing the emergency power off switch will prompt a related message on the driver display. 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 driver display will display a message indicating that changing gear can allow you to drive. Changing gear selection 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 driver display. Please contact an AION Authorised Dealer or Authorised Repairer for inspection and repair as soon as possible.

Emergency start



When the battery of smart key runs out or is low, enter the vehicle, place the smart key at the mark, press the brake pedal and power on the vehicle. Move the gearshift lever as soon as possible start the vehicle.



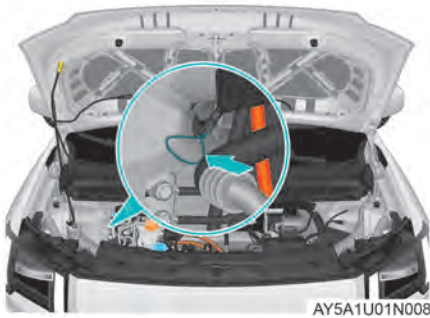
NOTE:

After emergency power-on, move the gearshift lever as soon as possible start the vehicle; otherwise, power on the vehicle again.

Charge cable emergency release

If the charge cable cannot be unlocked via the smart key or the AION App, it can be unlocked by the emergency release cable:

1. Open the bonnet and support it firmly with the stay bar.



2. Pull the emergency release to unlock the charge cable.

Tool kit

The driver's tools are located under the carpet in the boot.



AY5A2U01N009

1. Warning triangle
2. Towing hook
3. Air pump
4. Tyre sealer

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.

Reflective vest



AY5A1U01N013

The vehicle is equipped with a reflective vest, which you can store 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.

Fire extinguisher



The vehicle is supplied with a fire extinguisher. If there is a fire, pull out the safety pin, aim at the root of the flame and press the handle.

NOTE:
Please read and follow the instructions and precautions on the fire extinguisher label before use.

Warning triangle

Location of warning triangle

The vehicle is equipped with a warning triangle, which is placed under the carpet in the boot and can be used after taking it out and unfolding it.

Placement distance of warning triangle



Item	Ordinary road	Highway
Placement distance L	Day: $L \geq 50$ m Night: $L \geq 80$ m Special circumstances (rain or bend, etc.): $L \geq 150$ m	$L \geq 150$ m

NOTE:

- The values provided are for reference only.
- Please use the warning triangle correctly according to the corresponding national laws and regulations.

Emergency call

E-Call



To call the emergency aid centre, press and hold the SOS button for 2~5 seconds.

After releasing the SOS button for 5 seconds, press the SOS button again to cancel the call.

The call to the emergency aid centre cannot be cancelled once the SOS button has been released for more than five seconds; the emergency aid centre is the only one who can end the call.

Recovery method

If the vehicle needs to be towed, it shall be towed by suitably qualified personnel.



AY5A3U01N006

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. To install the front tow hook:

1. Open the towing cover at the lower right of the front bumper.



AY5A2U01N008

2. Insert the towing hook into the towing port, turn it clockwise and tighten it.



AY5A1U01N028



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.



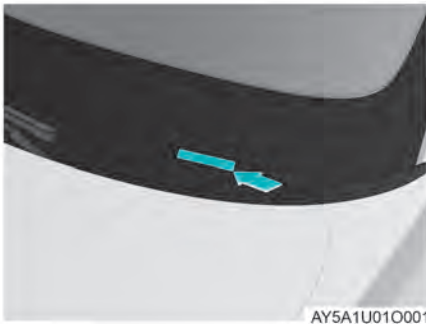
CAUTION:

- 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.

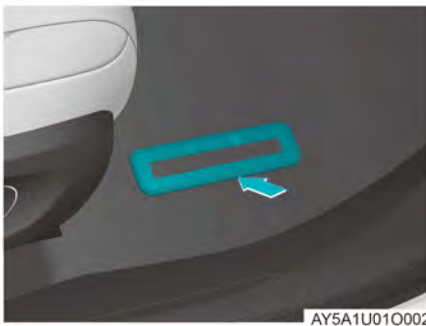
Vehicle identification number (VIN)

Location of vehicle identification number (VIN)

The vehicle identification number (VIN) is the ID code of a vehicle and has uniqueness. The VIN is composed of 17 characters and contains information such as the country of manufacture, manufacturer, year and vehicle characteristic code.



- The VIN is visible on the lower right of the front windscreen.



- 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.

Vehicle identification number (VIN) read with a diagnostic scan tool



The OBD DLC is located at the lower right rear of the dashboard. 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 an AION Authorised Dealer or Authorised Repairer for data diagnosis.

Vehicle labels

Manufacturer's nameplate

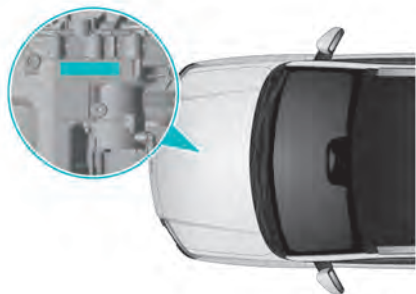


AY5A2U01O002

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



AY5A2U01O003

The motor model and number are engraved on the motor housing.

Vehicle sticker

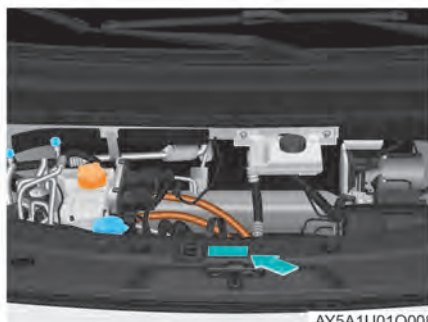
Vehicle stickers include the airbag warning sign, cooling fan warning sticker, etc. Be sure to read and follow the instructions on the stickers.

- Airbag warning sign



AY5A2U01O001

- The airbag warning signs are located on the front and back of sun visor on the front passenger's side.
- Fan coolant warning sticker



AY5A1U01O008

- The cooling fan, coolant warning sticker is located on the motor compartment guard plate.

NOTE:
The front body graphic shown is for illustrative purposes only.

- Automotive energy consumption sign



- The automotive energy consumption sign is located on the front windscreen.
- The automotive energy consumption sign contains information such as the manufacturer, vehicle model, energy type, vehicle mass and electric energy consumption.

i 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 inside of the charging flap.

Dimensions

Item		Parameter
Overall dimensions (mm)	Length	4605
	Width	1854
	Height	1686
Wheel track (mm)	Front/rear	1600/1600
Wheelbase (mm)		2775
Kerb mass (kg)		1880
Minimum ground clearance (empty load)		166
Minimum turning diameter (m)		11.2
Maximum speed (mph)		99
Seating capacity (Person)		5

Lubricants, fluids and capacities

Item	Specifications	Quantity
Brake fluid	DOT4	1 - 1.1 L
Refrigerant	HFC - 134a	850 - 950g
Temperature control system coolant	G30, -35°C	9.9 - 10.1L
Washer fluid	FW014	1 L
Differential & reducer gear oil	Castrol 805C	0.65 - 0.7L

Wheel and tyre specifications

Item	Parameter
Tyre specification	225/45 R19

Item	Parameter
Tyre pressure (kPa)	270
Wheel bolt torque (Nm)	115-135

High Voltage (HV) battery specifications

Item	Parameter
Type of battery	Lithium Ferrophosphate (LFP)
Rated voltage (V)	351.68
Rated capacity (Ah)	214
Rated capacity (kWh)	75.3
Cooling method	Liquid cooling
Charging temperature (°C)	-20 to 55
Discharging temperature (°C)	-30 to 55
Storage temperature (°C)	-40 to 60
IP rating	IP67

Electric motor specifications

Item	Parameter
Motor model	TZ180XS135
Drive motor type	Permanent magnet synchronous motor
Drive mode	FF
Rated power (kW)	45
Rated speed (r/min)	5371
Rated torque (Nm)	80

Item	Parameter
Peak power (kW)	150
Peak speed (r/min)	18000
Peak torque (Nm)	210

Radio frequency regulation statements

System (parts)	Antenna type	Installation location	Operating frequency	Manufacturer
AVNT host	WiFi\Bluetooth	PCB antenna central display	TX/RX 5150MHz-5850MHz 2400MHz-2485MHz TX/RX 2400MHz-2485MHz	Desay SV
Radio antenna amplifier (radio antenna)	AM, FM, DAB	Rear window	RX 535kHz-1605kHz (AM) 87MHz-108MHz (FM) 5.9MHz-6.2MHz (SW) 26MHz-28MHz(CB) 174MHz-241MHz (DAB)	Huizhou Speed
CNSS/GPS antenna	GPS	IP station	RX 1156MHz-1616MHz	Huizhou Speed
2G/3G/4G/5G antenna (integrated antenna)	2G, 3G, 4G	Central display	TX/RX 460MHz-5000MHz	Huizhou Speed

System (parts)	Antenna type	Installation location	Operating frequency	Manufacturer
LF antenna (in-vehicle detection antenna)	LF antenna	Around the body	TX 125kHz-134kHz	Shanghai Naen
WCM	/	CNSL	TX 87kHz-205kHz	Hefei Yougan
Remote control key	High-frequency antenna/Low frequency antenna	/	RX 125kHz-134kHz (AM) TX/RX 430MHz - 440MHz (AM)	/
RFR module	Low frequency antenna	PCB antenna	TX/RX 430MHz - 440MHz	Shanghai Naen
MMW radar	Radar antenna	PCB antenna around the body	TX/RX 77GHz	Suzhou Bosch
In-vehicle monitoring radar	Radar antenna	PCB antenna around the body	TX/RX 77GHz	/



NOTE:

Radio certification information is pasted on the surface of the parts. For details, please check the corresponding part label.

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