S7 REEV 使用手册

S7 REEV User Manual

英语

English

Foreword

Dear users,

Congratulations on owning a Xinghai S7 extended-range vehicle. Thank you for your trust in Forthing brand. This Manual introduces the information on safe driving, equipment operation and vehicle maintenance of Xinghai S7 extended-range vehicle, which will help you use the vehicle correctly and make you truly feel the driving pleasure brought by Xinghai S7.

The table of contents and vehicle illustrations in this Manual can help you quickly understand your vehicle. The following twelve chapters provide detailed instructions on the use of various vehicle facilities. Before using the vehicle, please read the onboard information carefully. The information provided by these materials is very important to ensure driving and property safety. Please strictly abide by and keep them properly.

When reading this Manual, you will find "Caution", "Warning" and other symbols and their instructions. These instructions help to ensure the safety of people, vehicles and property. Please strictly abide by them.

The figures and texts in this Manual are only used to convey the use information of the main functions and facilities of the vehicle, and cannot be used as the basis for product acceptance. In case of any discrepancy with the real vehicle, the real vehicle shall prevail.

Copyright notice: The contents and technical specifications in this Manual are valid at the time of publication. However, Dongfeng Liuzhou Motor Co., Ltd. reserves the right to change technical specifications and design at any time without prior notice.

Technical update description: IoV and electronic technology products are updated quickly. In order to ensure user experience, please upgrade them in time.

If you need more detailed information about the Xinghai S7 extended-range vehicle, please log in to our website: https://www.forthingmotor.com/ (Official website)

Bon voyage!

Dongfeng Liuzhou Motor Co., Ltd.

April, 2025

Note: The cover and pictures of this Manual are for reference only, and the real vehicle shall prevail.

Foreword

Configuration description

*Asterisk

An asterisk "*" that appears after the title or name indicates that the described device or function is only equipped in some models, and the vehicle you purchased may not be equipped with it.

Safety instructions

Safety signs - affixed to the vehicle.

Safety tips - marked with hazard warning symbols and the words "Danger", "Warning" or "Caution". The meanings of these words are shown below:

 Danger

It is used to indicate a hazard that may cause serious personal injury or death.

 Warning

It is used to indicate hazards that may cause personal injury or other damage.

 Caution

It is used to indicate the danger that may cause minor personal injury or vehicle damage.

Data security instructions

According to laws, administrative regulations and other provisions, in order to provide you with more convenient and efficient services, Dongfeng Liuzhou Motor Co., Ltd. may collect vehicle data and personal information such as VIN, drive motor code and driving behavior during your use of the vehicle or the provision of services to you. We, however, will take measures that meet legal requirements and national or industrial technical standards to protect the security of your vehicle data and personal information.

At the time of transferring or scrapping a vehicle or trading a used vehicle, it is recommended that you clean up your sensitive personal data in time.

Contents▶

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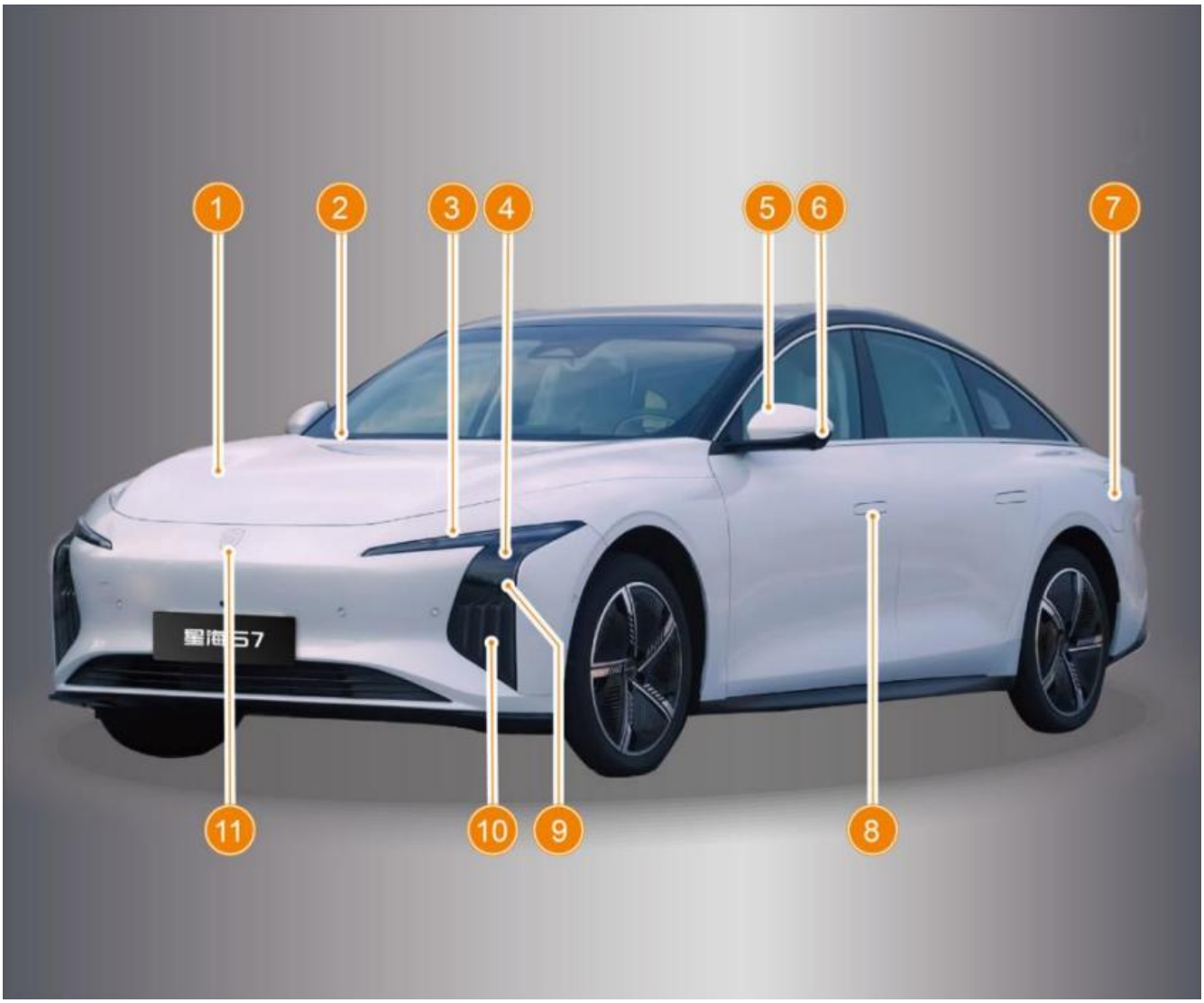
Exterior

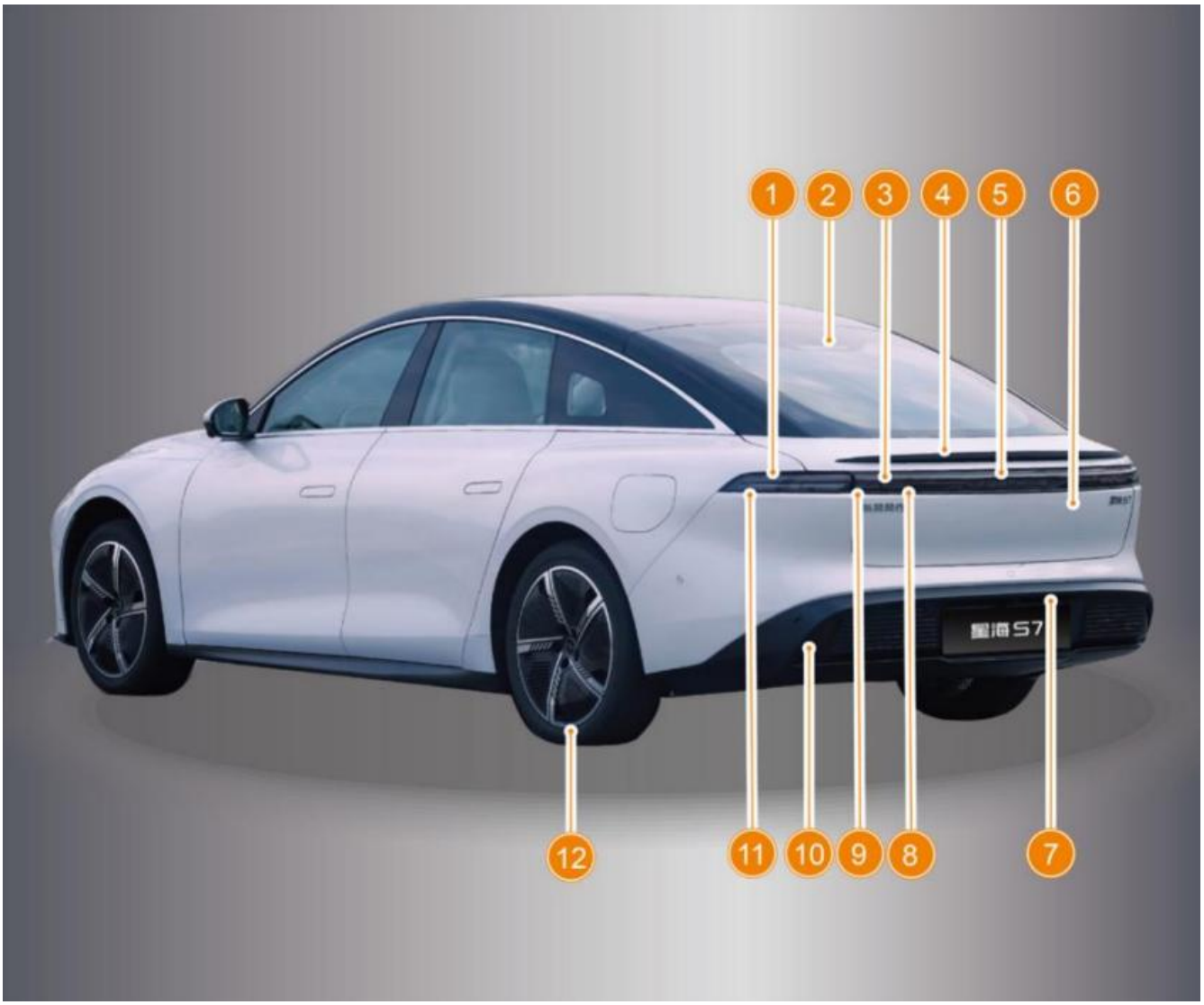
01

Front of vehicle



1. Engine hood
2. Front wiper
3. Daytime running lamp/position lamp/front turn signal lamp/flowing water turn signal lamp*
4. High beam auxiliary lamp
5. Outside rearview mirror
6. Side turn signal lamp
7. Fuel filler cap
8. Concealed door handle
9. High/low beam
10. Daytime running lamp/position lamp
11. Front LOGO lamp*

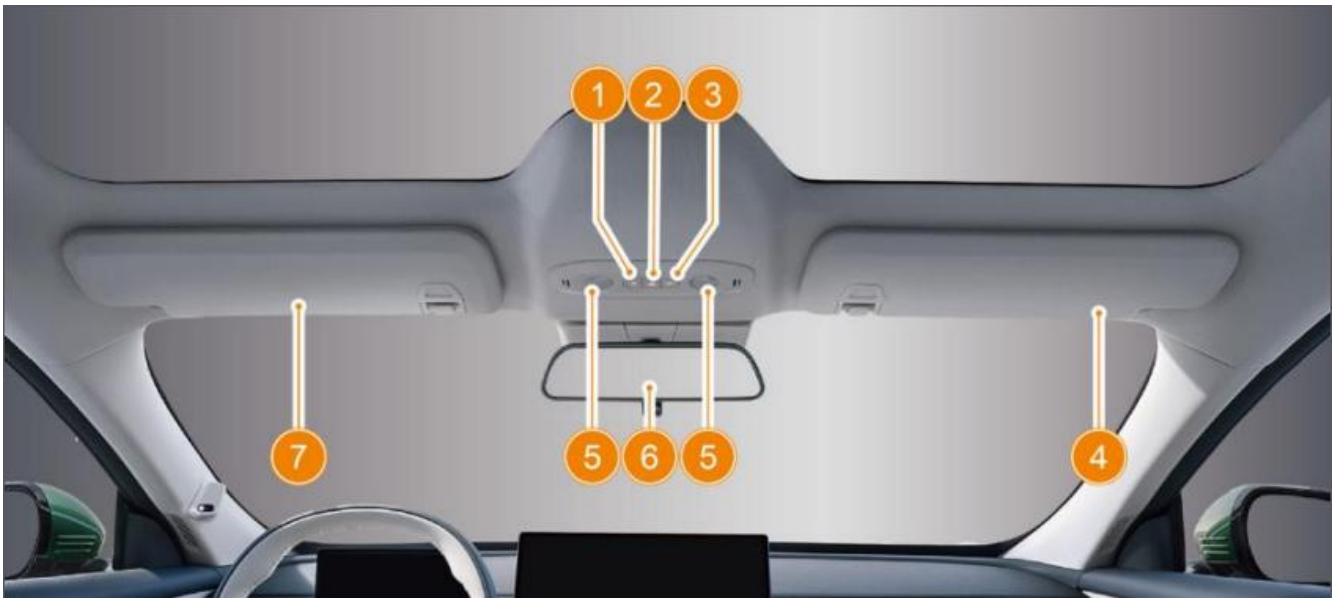
Rear of vehicle



1. Position lamp/brake lamp
2. High-mounted brake lamp
3. Position lamp
4. Rear spoiler*
5. LOGO lamp*
6. Liftgate
7. License plate lamp
8. Rear fog lamp
9. Reverse lamp
10. Retro reflector
11. Rear turn signal lamp/flowing water turn signal lamp*
12. Tire

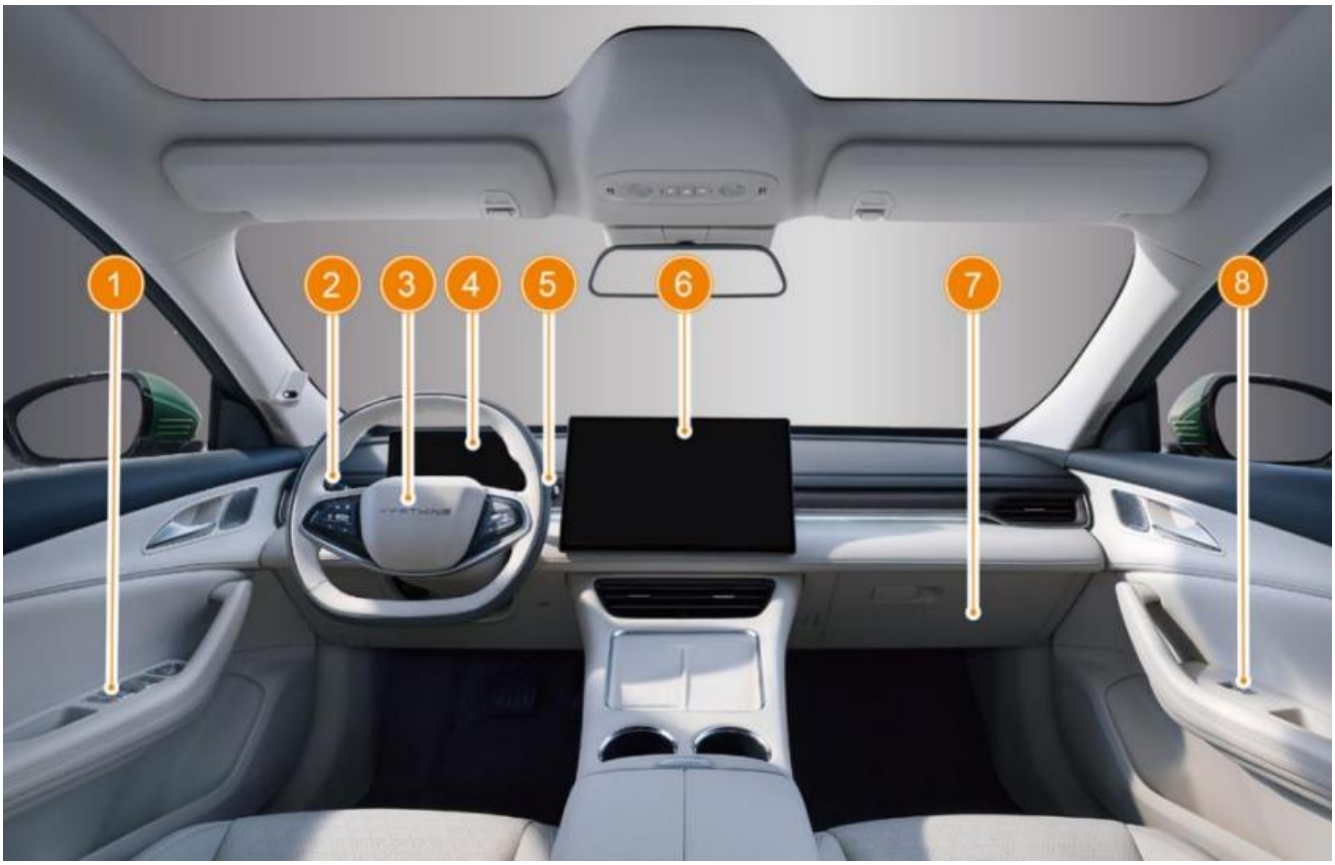
Interior

Interior roof



1. A/C switch
2. Hazard warning lamp switch
3. SOS button*
4. Right sun visor
5. Front interior lamp
6. Inside rearview mirror
7. Left sun visor

Dashboard



1. Driver side power window control switch
2. Turn signal/windshield wiper switch
3. Steering wheel
4. Instrument cluster
5. Shift lever
6. Infotainment system
7. Glove box
8. Front passenger side power window control switch

Console panel

1. Central armrest box
2. Cup holder
3. Storage compartment above console panel/wireless charging*

Traction battery

Long-term parked vehicles

If the vehicle needs to be parked for a long time, the following preparations shall be made. Proper preparation helps prevent deterioration of the vehicle condition and makes it easy to restart the vehicle. If possible, please park the vehicle in a dry room, and avoid parking in a humid environment for a long time, such as a parking place with accumulated water.

1. When storing the vehicle for a long time, be sure to charge the traction battery to 100% first, and then discharge it to 30%-50%. If the storage time exceeds three months, the traction battery must be charged, otherwise it may cause excessive discharge of the traction battery and reduce the performance of the traction battery. The traction battery fault and damage caused by this situation may affect your right to enjoy the traction battery warranty.

2. Clean the inside of the vehicle to ensure that the carpet, tatami, etc. are completely dry.

3. Block the rear wheel with obstacles to prevent backward sliding.

4. Disconnect the 12V low-voltage battery wiring and insulate the cable connector with insulating tape.

5.Pad the wiper with a towel or cloth to prevent it from contacting the front windshield.

6.To reduce sticking, spray silicone lubricant on all door and trunk seals, and apply body wax to the paint surface where the door and trunk sealing strip are in contact.

7. Cover the body with a breathable cover made of "porous material" such as cotton cloth. Non-porous materials such as plastic cloth will accumulate moisture and damage the body surface paint.

 Caution

If the vehicle is parked for one year or longer, the vehicle may not be started or the maneuverability may deteriorate. In this case, contact the Forthing Special Service Station as soon as possible.

Power battery overheating

If the power system fault warning lamp on the instrument cluster is on, and the text prompts "power system overheating, please stop safely" and "traction battery fault", the following steps shall be followed immediately for inspection:

1. Park the vehicle safely on the side of the road, press the P button, turn off all electrical switches, and turn on the hazard warning lamp.

2. If the traction battery overheats due to overload, the vehicle will continue to cool the traction battery in the power-on state (without locking the vehicle). At this time, wait until the power system malfunction warning lamp goes out before continuing driving.

3. If the vehicle is stationary and remains powered on (without locking) for more than half an hour but still indicates overheating of the power system, check whether there is obvious coolant leakage, such as the fracture of the coolant reservoir hose. At this time, all parts are in a burning state, please be careful. If any leakage is found, please contact the Forthing Special Service Station as soon as possible.

4. If no obvious leakage is found, check coolant level in the reservoir. If the level is below the lower limit (MIN) mark or there is no coolant, contact the Forthing Special Service Station in time to add coolant to keep the coolant level between the upper and lower limit scale lines.

5. Check whether the A/C system works normally. If not, please contact the Forthing Special Service Station as soon as possible.

Power battery recycling

According to the relevant regulations of the Interim Measures for the Recycling and Utilization of New Energy Vehicle Power Batteries issued by China, when the power battery of a new energy vehicle needs to be repaired or replaced, the owner of the new energy vehicle shall send the new energy vehicle to an after-sales service organization with corresponding capabilities for power battery repair and replacement. When the new energy vehicle meets the scrapping requirements, it shall be sent to the scrapped vehicle recycling and dismantling enterprise to dismantle the power battery. The owner of the new energy vehicle shall hand over the scrapped power battery to the recycling service outlet. Those who hand over the waste traction battery to other units or individuals, touch, move or disassemble the traction battery without permission, and cause environmental pollution or safety accidents shall bear the corresponding responsibilities.

Charging precautions

1. In order to facilitate more accurate estimation of the endurance range of the vehicle, please charge the battery to 100% with AC charging method during the first charging after picking up the vehicle; During the use of the vehicle, a full charging shall be carried out at least once a month.

2. After charging, make sure that the charging interface cover is closed. If only the charging port cap is closed and the charging interface cover is not closed, water or foreign matter may enter the charging interface and prevent charging.

3. When charging the traction battery, do not try to perform jump start on the 12V low-voltage battery. This may damage the vehicle or charging equipment, and even cause personal injury. For the specific method of jump start, please refer to the "Jump Start" in the "Emergency Self-help Treatment" section.

4. Do not insert objects other than the charging connector into the charging interface, otherwise the charging interface may be damaged.

5. Before connecting to the portable charging gun or AC charging pile, make sure to use a dedicated charging power supply. It is recommended to use a 220 V 50 Hz 10 A dedicated AC line and a power supply socket to connect the portable charging gun for charging.

6. Charging temperature range of traction battery: -20°C~55°C. Discharge temperature range: -30° C~55° C, please charge and discharge under reasonable operating temperature.

7. The traction battery temperature is not equal to the ambient temperature. The traction battery temperature is basically consistent with the ambient temperature only after the traction battery has been kept still for about 12~18 hours.

8. The electrolyte of the traction battery is a chemical material. Due to the chemical composition and ratio, charging the traction battery at low temperature may lead to its service life degradation and potential safety hazards. It is recommended to charge the battery at a temperature above 0℃.

9. During the use of the vehicle, if the ambient temperature is low, the traction battery heating function is turned on. When the traction battery temperature reaches the specified temperature, the traction battery heating function stops.

10. When the vehicle is slow-charged at low temperature, the traction battery heating system is turned on, and the charging power is too low, the A/C system will not be available.

11. During charging, if the traction battery temperature is high, the vehicle will start the cooling system to cool the traction battery. During charging in the cooling process, the vehicle will use the external power supply to cool the power battery preferentially, so the power battery SOC will not increase or increase slowly, which is normal. When the power of the external power supply is insufficient, the vehicle will also use the power battery and the external power supply to cool the power battery at the same time, and the power battery SOC will decrease first and then increase, which is normal.

12. Do not open or close the engine hood when the vehicle is being charged.

13. This vehicle is a new energy vehicle, which needs electricity for operation. The traction battery is the only power source for operating the vehicle.

14. Complete depletion of traction battery SOC will cause damage to the traction battery and shorten its service life. Therefore, when the vehicle prompts that the traction battery SOC is too low, please charge it in time. When the battery SOC is 0% on the instrument cluster, please stop using the vehicle immediately and charge it in time.

15. When the traction battery temperature is low, the charging may not be at full power at the beginning of the charging stage. As the traction battery temperature increases, the charging power will also increase.

16. When the weather is cold, try to choose a warmer place such as the basement for charging, which can shorten the charging duration.

17. When the external power grid resumes power supply after a short-term power outage, the charging equipment will automatically restart charging (the restart charging duration may be extended). If the power outage occurs several times, please stop charging and check whether the power supply is normal.

18. During the charging of vehicle, if there is a large fluctuation in the power grid, the charging power will fluctuate, and even the charging may be suspended.

19. When the traction battery SOC is full, the system will automatically stop charging.

20. When using a portable household AC charging gun, pull out the AC charging gun first and then disconnect the power supply plug when stopping charging.

Caution

To prevent damage to the vehicle charging equipment, please observe the following requirements:

- Do not close the charging port cap without closing the charging interface cover.
- Do not collide any charging equipment.
- Do not drag the charging gun and charging cable.
- Do not store or use charging equipment in places where the temperature is higher than 50°C.
- Do not place the charging equipment near the heater or other heat source.
- Do not insert AC charging gun and DC charging gun at the same time for charging.

△Warning

- If you use medical equipment (such as a transplanted cardiac pacemaker or a transplanted defibrillator), before starting charging, you must check with the equipment manufacturer whether it will affect the medical equipment, and use it after confirming that there is no impact.
- During charging of the traction battery, wrong operation may cause safety accidents such as short circuit, electric shock, fire, etc., and may endanger personal safety in serious cases.
- Do not touch the metal parts of the charging interface, charging connector or power supply plug.
- Do not use extension cables or electrical plug adapters.
- Do not use charging gun, AC charging pile or DC charging pile that do not meet the requirements of national standards for charging.
- Do not disassemble or change the charging interface, portable charging gun or AC charging pile.

△Warning

- Before starting the vehicle, make sure that the charging gun or discharging gun has been pulled out of the charging interface.
- During charging, the cooling fan may start at any time. Do not let hands, hair, jewelry or clothes touch the cooling fan.
- It is forbidden to charge in the open air in thunderstorm weather. Because lightning may cause damage to the charging equipment, and immersion in heavy rain may also cause short circuit of the power battery, which may cause damage.
- If you notice an irritant odor or see smoke coming from the vehicle, please stop charging immediately and move away from the vehicle quickly.
- Before charging, please confirm that there is no water or foreign matter in the charging interface, charging connector or power supply plug, and that the charging equipment is not damaged or corroded. If any of the above conditions is found, do not charge or discharge the vehicle.
- The charging equipment must be well grounded. If the charging equipment fails or is damaged, the grounding wire can reduce the risk of electric shock.

Charging interface

Left: AC charging interface

Right: DC charging interface

The charging interface is located at the rear right of the vehicle. When you need to charge, please open the charging port cap and the charging interface cover, and connect the AC or DC charging device to the corresponding charging interface for charging.

Opening and closing of charging port cap

Normal opening

When the door is unlocked, press the right side of the charging port cap to open it, pull out the corresponding charging interface cover, and connect the charging device with the corresponding charging interface.

Normal closing

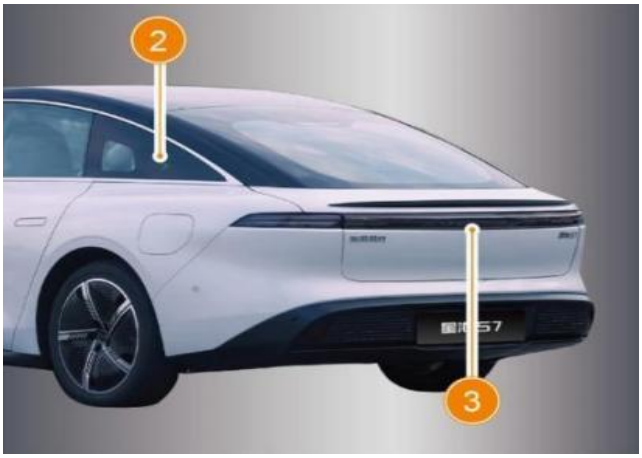
After charging, pull out the charging gun, close the charging interface cover and charging port cap in turn, press the right side of the charging port cap, and close the charging port cap to lock it.

AC charging port lock

Plug in the AC charging gun, swipe the card or scan the code to start the charging pile, and the charging port is locked; After the charging is completed, swipe the card or scan the code to stop charging. Then, the charging port will be unlocked after unlocking the door. If it is necessary to stop charging provisionally, press the smart key unlocking button twice. Then the charging gun can be pulled out normally.

After stopping the AC charging, confirm that the door is unlocked and the charging port is unlocked. At this time, the charging gun can be pulled out normally.

Charging status indicator lamp



1. Front charging status indicator lamp
2. Quarter window charging indicator lamp *
3. Rear charging status indicator lamp

Type 1: During charging, the front and rear charging indicator lamps flash

Type 2: During charging, the front and rear charging indicator lamps are displayed continuously, the traction battery SOC increases, and the front charging indicator lamp is always on.

Type 3: During charging, the front and rear charging indicator lamps are on, and the rear triangular window charging indicator lamp flashes. If the charging operation is performed when the traction battery SOC is full, the rear quarter window charging indicator lamp will be on for a period of time and then go out. The discharge process is not displayed.

AC charging with portable charging gun

The portable charging gun is not equipped with the vehicle and needs to be provided by the owner. Please use the portable charging gun that meets the national standards of GB/T 20234.1-2023 and GB/T 20234.2-2015. The following content only introduces the use method of the portable charging gun, and the specific configuration is subject to the actual vehicle.

Operation steps

1. After the vehicle is parked stably, press the P button.

2. Open the charging port cap and AC charging interface cover.

3. Take out the portable charging gun.

4. Remove the shield from the plug of the portable charging gun.

5. Check whether the three-pin socket of household power supply is reliably grounded.

6. Connect the portable charging gun power plug to the household power supply socket.

7. Connect the portable charging gun to the AC charging interface on the vehicle.

8. Plug the AC charging gun, swipe the card or scan the code to start the charging pile. Then, the charging interface is locked; After the charging is completed, swipe the card or scan the code to stop charging. Then, the charging port will be unlocked after unlocking the door. If it is necessary to stop charging provisionally, press the smart key unlocking button twice. Then the charging gun can be pulled out normally. See "AC charging interface lock" for details. The charging gun can be unplugged when the AC charging interface is unlocked.

9. Pull the portable charging gun plug out of the household power supply socket, install the shield back on the portable charging gun plug, wrap the portable charging gun and put it back in the designated position.

10. Set the AC charging interface cover, press the right side of the charging port cap, and close and lock the charging port cap.

Danger

During charging with a household power supply, the current that the selected socket and adapter can withstand shall not be lower than the rated current on the nameplate of the AC charging socket. Ensure that the three-pin socket of household power supply is reliably grounded, otherwise there is a risk of electric shock.

Charging duration

Due to the comprehensive influence of ambient temperature, power supply environment and other factors, the actual charging duration shall be subject to the remaining charging duration on the combination instrument or infotainment system.

Charging with AC charging pile

The AC charging pile is not provided to the vehicle and needs to be prepared by the owner. Please use the AC charging pile that meets the national standards GB/T 39752-2021 and GB/T 20234.2-2015. For specific usage, please refer to the instructions provided with the purchased charging pile.

Operation steps

1. After the vehicle is parked stably, press the P button.

2. Open the charging port cap and AC charging interface cover.

3. Remove the charging gun from the AC charging pile.

4. Connect the charging gun plug to the AC charging interface on the vehicle.

5. Start the charging function according to the operation steps and methods indicated on the AC charging pile.

6. Plug the AC charging gun, swipe the card or scan the code to start the charging pile. Then, the charging interface is locked; After the charging is completed, swipe the card or scan the code to stop charging. Then, the charging port will be unlocked after unlocking the door. If it is necessary to stop charging provisionally, press the smart key unlocking button twice. Then the charging gun can be pulled out normally. See "AC charging interface lock" for details. The charging gun can be unplugged when the AC charging interface is unlocked.

7. Turn off the power supply of the AC charging pile and put the charging gun on the AC charging pile back to the designated position.

8. Set the AC charging interface cover, press the right side of the charging port cap, and close and lock the charging port cap.

Caution

When the AC charging interface lock is unlock, the charging will stop.

It is recommended to turn off the automatic unlocking function during AC charging.

Charging duration

Due to the comprehensive influence of ambient temperature, charging pile power, power supply environment and other factors, the actual charging duration shall be subject to the remaining charging duration on the combination instrument or infotainment system.

Emergency unlocking of charging gun

If the charging is stopped and the AC charging gun cannot be pulled out after the door is unlocked, open the trunk, remove the left maintenance port cover, and pull out the emergency unlocking pull ring for a certain distance to unlock the AC charging gun.

If the charging gun cannot be pulled out after charging, it can also be unlocked in an emergency by the above operation.

Charging with DC charging pile

The DC charging pile is not provided to the vehicle and needs to be prepared by the owner. Please use the DC charging pile that meets the requirements of GB/T 20234.3-2023 and GB/T 27930-2023. For the specific use method, please refer to the instructions provided with the purchased charging pile.

Operation steps

1. After the vehicle is parked stably, press the P button.

2. Open the charging port cap and the DC charging interface cover.

3. Remove the charging gun from the DC charging pile.

4. Connect the charging gun plug to the DC charging port on the vehicle.

5. Start the charging function according to the operation steps and methods indicated on the DC charging pile.

6. After the vehicle charging is completed, the automatic control system of the DC charging pile can automatically end this charging. The charging can also be stopped manually according to the operating instructions of the DC charging pile.

7. After charging, pull out the charging gun and put it back in the designated position.

8. Cover the DC charging interface cover, press the right side of the charging port cap, and close the charging port cap to lock it.

Charging duration

Due to the comprehensive influence of ambient temperature, charging pile power, power supply environment and other factors, the actual charging duration shall be subject to the remaining charging duration on the combination instrument or infotainment system.

220V AC external discharge

The AC discharging gun is not equipped with the vehicle and needs to be provided by the owner. Please use the discharging gun that meets the standards of GB/T 20234.1-2023 and GB/T 20234.2-2015, otherwise it may cause vehicle fault or safety accidents.

Operation steps

1. After the vehicle is parked stably, press the P button.

2. Please confirm that the battery SOC displayed on the instrument cluster is greater than 30%. The discharge function cannot be used when the battery SOC is lower than 30%.

3. Take out the discharging gun and remove the discharging gun shield.

4. Open the charging port cap and AC charging interface, and connect the discharging gun plug to the AC charging port on the vehicle.

5. Press the lock button on the smart key to lock the door, and the AC charging interface is locked.

6. Press the switch (if any) on the power strip for discharge.

7. If the discharge has started normally, the instrument cluster will display the discharge.

Stop 220V AC external discharging

To stop the 220V AC discharge, follow the steps below:

1. Turn off the discharging electrical equipment and press the power strip switch (if any) to disconnect the power supply.

2. After the discharge is completed, unplug the discharging gun.

3. Install the discharging gun shield, then put it back to the specified position and fix it.

4. Set the AC charging interface cover and charging port cap, press the right side of the charging port cap, and close and lock the charging port cap.

Caution

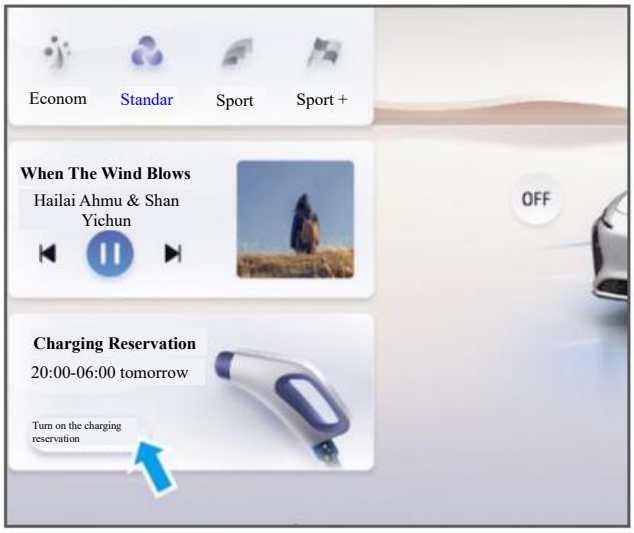
- When the traction battery SOC is lower than 30%, the discharge will stop automatically, and the AC discharge function cannot be used.
- The 220 V AC external discharge is the same as the charging interface of AC slow charging, so the automatic locking and unlocking of the discharging gun are also the same as the AC charging gun.
- It is recommended to use the 220 V AC external discharge function when the A/C is turned off and the vehicle is powered off.

△Warning

- Do not collide with or drag the discharge equipment, or pull the discharge cable.
- Do not store or use discharge equipment in places with water or near heat sources.
- Do not use the discharge equipment when the insulation layer is damaged or the power strip is damaged.
- When the AC off-vehicle discharge function is used, the total electrical power shall not exceed 3.3 kW; otherwise, it may cause safety accidents.

Charging Reservation

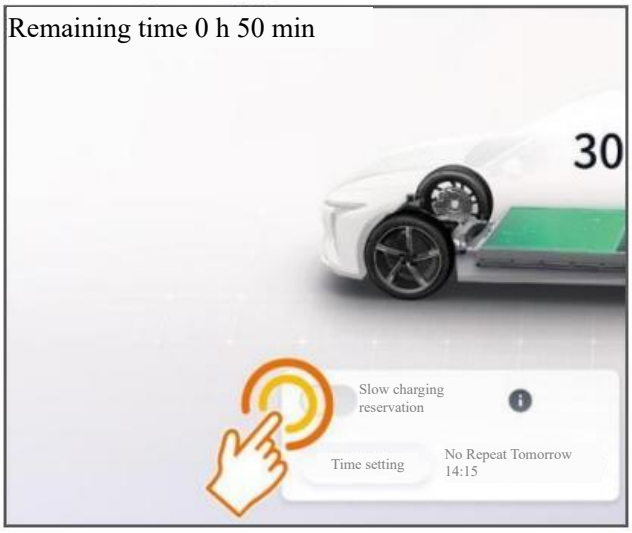
Enter the reservation interface



Click [Start charging reservation] in the charging reservation card on the infotainment system homepage or [App Center] - [Energy Center] - [Slow Charging Reservation] in the navigation bar at the bottom of the homepage to enter the charging reservation interface.

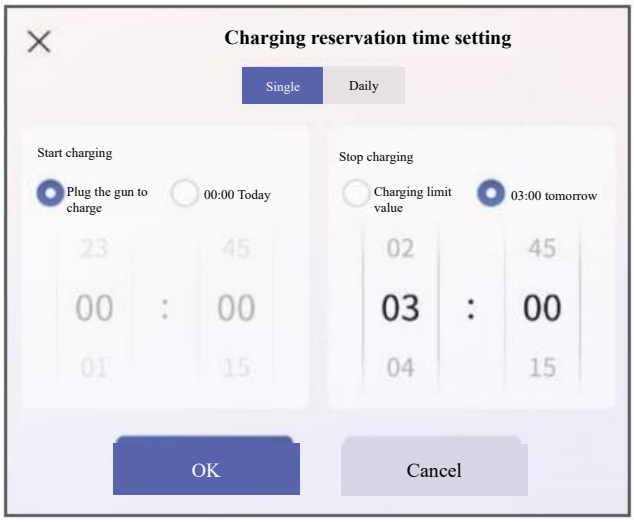
Make reservation settings

It is necessary to set the charging reservation first, and then insert the AC charging gun.

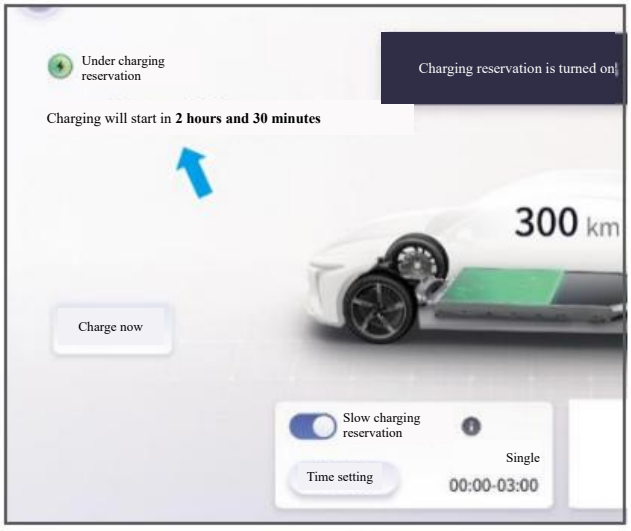


1. Click [Slow Charging Reservation] to turn on/off the charging reservation function.

2. Click [Set Time] to enter the charging reservation time setting interface.



3. You can choose to make a single or daily reservation, and set the start and end charging times of reservation as needed.



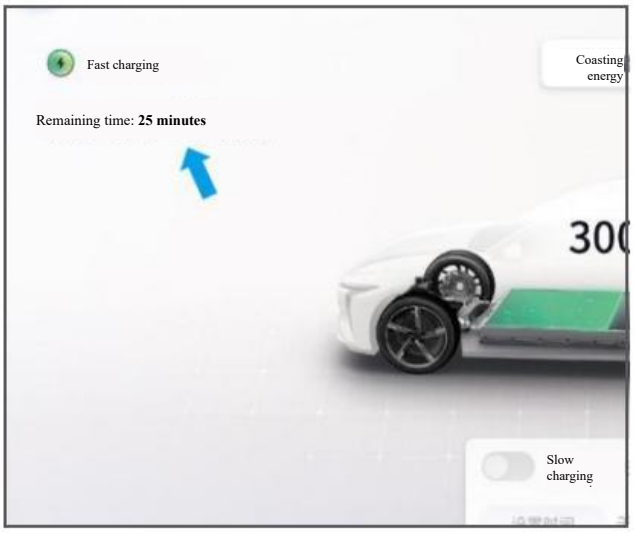
4. After the reservation is successful, the infotainment system will prompt that the charging reservation has been started and display the time when the charging will be started.

Caution

If any of the following conditions exist, it will not be possible to make a charging reservation:

- The vehicle is not in the "ON" position.
- The outside temperature is less than 5°C.
- The infotainment system cannot receive a valid external temperature signal.
- When the vehicle is charging within the reserved time period, if the charging gun is not pulled out but there is no AC power, the reservation will continue to be timed.
- The start time set for the charging reservation cannot be earlier than the current time.
- Reservation for charging cannot be canceled.

Remaining charging time

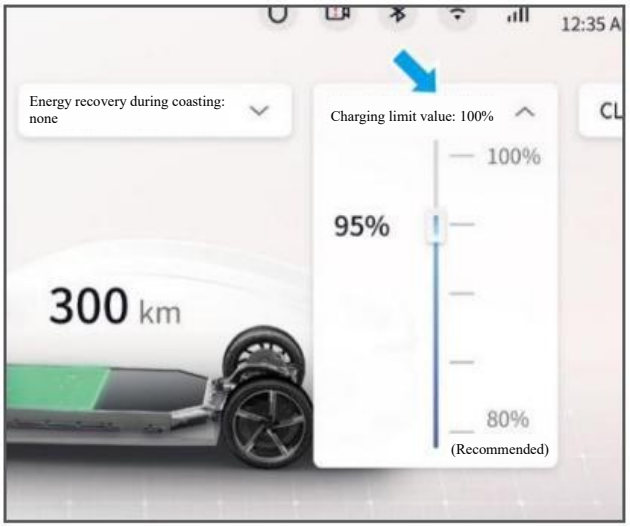


The remaining charging time can be checked through the infotainment system and instrument cluster.

Caution

The charging system will automatically adjust the charging duration according to the temperature changes to ensure the best performance of the traction battery.

Charging limit setting



In the energy center interface, find [charging limit value], and click the value to display the drop-down adjustment range, which can be adjusted from 80% to 100%.

Troubleshooting for common charging faults

Symptoms	Possible causes	Solution
Unable to be charged or discharged at 220V	The vehicle is not in P position	Set the position in P position before charging.
	Both AC charging gun and DC charging gun are connected	AC charging and DC charging cannot be carried out at the same time, and only one of them can be used.
	The charging equipment is not properly connected	Check whether the charging equipment is properly connected and charged in the correct way.
	The temperature of the power battery is too high or too low	Check the power battery temperature to ensure that the power battery temperature is within the allowable range. If it is too hot or too cold, cooling or heating is required before charging.
	12V low-voltage battery voltage is too low	If the 12V low-voltage battery voltage is lower than 9V, the 12V low-voltage battery shall be charged or the vehicle shall be jump started before charging. See the "Jump Start" in the "Emergency Self-help Treatment" for details.
	The vehicle is faulty	If the vehicle is faulty, please confirm whether the warning lamp on the combination instrument is on or indicates a charging fault. If a warning or a prompt indicating a charging fault is displayed, stop charging and contact the Forthing Special Service Station.
Unable to be charged	The power battery has been charged to the set level	If the charging has been charged to the set limit value, the charging cannot be continued. Please reset if you need to continue charging.
	Charging power supply is not grounded	Check whether there is a relevant fault display. If the relevant fault is displayed, stop charging and contact the Forthing Special Service Station.
	Charging power supply is not powered normally	
	The 50 HZ, 200 V power supply conforming to the national grid is not used	
	The power battery is saturated	Unplug the charging gun, start the vehicle, and check whether the SOC is 100%. If 100% is reached, the traction battery SOC is full and charging is stopped.
	Charging reservation is set	Check whether the charging reservation is set and the reservation time has not yet reached. If it has been set, please turn off the charging reservation or wait for the reservation time. For details, please refer to the "charging reservation" in this chapter.

Symptoms	Possible causes	Solution
Unable to be charged	Fast charging pile failure	Confirm whether the instrument cluster prompts the charging pile fault. If "power supply equipment has stopped working" is displayed, it indicates that the fault may be caused by abnormal charging pile. It is recommended to replace the charging pile for charging. If the message "power supply device has stopped working" still appears after the replacement, it is recommended to contact the Forthing Special Service Station for inspection.
	Charging facilities do not meet the requirements of the national standard	Use portable charging gun that meets the national standard or charging pile that meets the national standard for charging.
Unable to perform the charging reservation function	Charging gun not connected	Connect the charging gun in the correct way.
	The immediate charging switch has been pressed	When immediate charging is selected, charging reservation is not possible.
	No charging reservation timer is set	Set the charging reservation timer schedule, as detailed in the "charging reservation" section.
	The charging reservation function is not set correctly	Please operate the charging reservation in the correct order. For details, please refer to the "charging reservation" in this chapter.
Charging stops halfway	The power supply is disconnected	Check whether the power supply is disconnected. If it is disconnected, connect the power supply and then perform the charging steps again for charging.
	The charging gun has been disconnected	Check whether the charging gun is disconnected. If it is disconnected, connect it and then perform the charging steps again for charging.
	Both AC charging gun and DC charging gun are connected	AC charging and DC charging cannot be carried out at the same time, and only one of them can be used.
	The charging reservation timing time has reached	When the charging reservation is set and the end of the charging reservation has been reached, the charging will stop even if the traction battery is not full.
	Power battery overtemperature	Check the power battery temperature to ensure that the power battery temperature is within the allowable range. If it is overheated, please cool it down for a period of time before recharging.
	The pause or stop button in the charging equipment has been pressed	Check whether the pause or stop button on the charging equipment is pressed. If pressed, the charging equipment shall be started for recharging.
	The vehicle is faulty	If the vehicle is faulty, please confirm whether the warning lamp on the combination instrument is on or indicates a charging fault. If a warning or a prompt indicating a charging fault is displayed, stop charging and contact the Forthing Special Service Station.

Symptoms	Possible causes	Solution
Discharging stops halfway	The power supply is disconnected	Check whether the power supply is disconnected. If it is disconnected, connect the power supply and then perform the discharging steps again for discharging.
	The discharging gun has been disconnected	Check whether the discharging gun is disconnected. If it is disconnected, connect it and then perform the discharging steps again for discharging.
	The discharging gun and the DC charging gun are connected at the same time	The discharging gun and the DC charging gun cannot be inserted at the same time, and only one of them can be used.
	Power battery overtemperature	Check the power battery temperature to ensure that the power battery temperature is within the allowable range. If it is overheated, please cool it down for a period of time before discharging.
	The vehicle is faulty	If the vehicle is faulty, please confirm whether the warning lamp on the combination instrument is on or indicates a charging fault. If a warning or a prompt indicating a charging fault is displayed, stop charging and contact the Forthing Special Service Station.

Seat belt

Introduction to seat belt

In the event of an accident caused by emergency brake, sudden steering and collision, the seat belt will restrain the driver and passengers to the seat to prevent the body from rushing forward, thus protecting the driver and passengers from secondary collision. Correct use of seat belt can reduce injuries to people in the car.

Caution

- Before driving the vehicle, make sure that all occupants in the vehicle have properly worn the seat belt and always use it during driving. The seat belt can protect the driver and passengers from accidents to the greatest extent.
- The seat belt on the vehicle is mainly designed according to the adult body shape. If children need to take the vehicle, please select and install the appropriate child protection device according to the age and body shape of the children.
- If the seat belt or retractor is damaged or abnormal, please contact the Forthing Special Service Station immediately for confirmation and treatment. Do not use the corresponding seat before treatment.

Seat belt retractor

Each seat belt is equipped with a seat belt retractor. During normal driving, the retractor keeps the seat belt under a certain tension, and the driver and passengers can still move freely on the seats. In case of emergency, the retractor will be automatically tightened to fix the driver's body on the seat to avoid injury. If the retractor locking function is abnormal, please contact the Forthing Special Service Station in time.

Seat belt pretensioner *

In the event of a severe frontal or side collision upon the vehicle, the seat belt pretensioner will be automatically tightened to quickly protect the driver and passengers.

Caution

In the event of a minor head-on collision, side collision, rear collision or rollover, the pretensioner may not be activated.

△Warning

Users are not allowed to repair, adjust, disassemble and assemble seat belts and retractors without permission. If repair or replacement is required, please contact the Forthing Special Service Station.

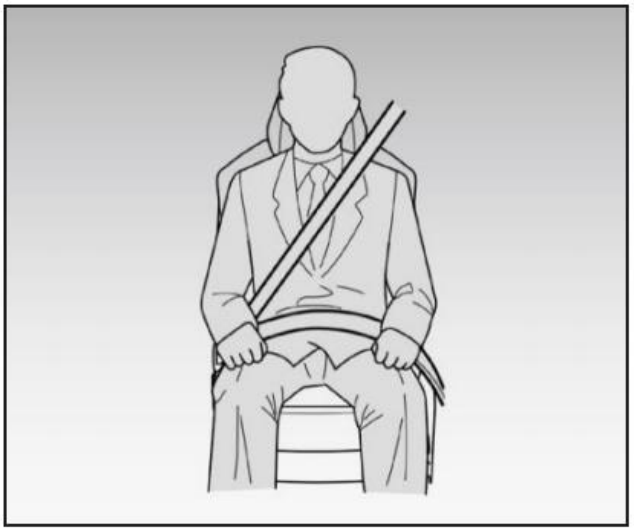
Seat belt unfastened alarm

The vehicle is equipped with an alarm for the seat belt not fastened. When the vehicle is powered on but not running, if it is detected that the front passenger is not wearing seat belt, the front seat belt unfastened warning lamp on the instrument cluster lights up; When the vehicle detects that the front passenger is not wearing seat belt while driving, the front seat belt unfastened warning lamp on the instrument cluster lights up and the buzzer continues alarming until the front passenger seat belt is fastened.

Precautions for seat belt

Please read the following contents carefully and strictly abide by them, which will help you master the correct operation method.

Proper use of seat belt



1. Stretch the shoulder seat belt and cross it diagonally across the shoulder, but do not touch the neck or slip off the shoulder.

2. The waist seat belt shall be as low as possible across the hip.

3. Adjust the position of the seat backrest so that the backrest is in a relatively comfortable position.

Caution

- Be sure to wear the seat belt correctly.
- Do not wear the seat belt across the lower abdomen; otherwise, in case of accident, the seat belt will heavily press the lower abdomen.
- Do not place the shoulder seat belt under the arm.
- The seat belt shall be tightened as much as possible. Loose seat belt will slide from the harder part of the body to the softer part (such as abdomen), increasing the risk of injury.

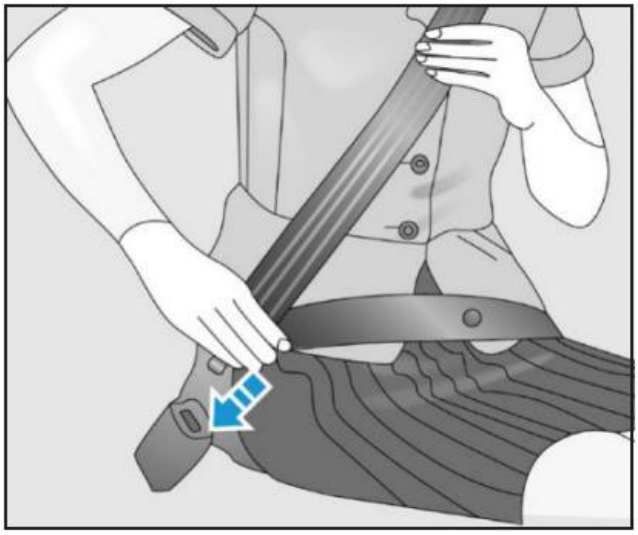
△Warning

- Incorrect wearing direction of the seat belt may cause injury in the event of an accident or sudden emergency braking and driving operation.
- The shoulder part of the seat belt must pass through the middle of the shoulder. Do not pass it under the arm or from the neck.
- The waist seat belt must pass in front of the hip. Do not pass it from the abdomen. The seat belt must be flat and close to the hip. If necessary, tighten the seat belt slightly.
- Pregnant women should also, like other passengers, cross the seat belt as low as possible across the hip, and stretch the shoulder seat belt diagonally along the shoulder, and avoid the seat belt touching the bulging abdomen. If the seat belt is not fastened properly, the pregnant woman and fetus may be injured in case of emergency braking or collision.
- Do not tilt the seat backrest excessively when the vehicle is running. The seat belt can only provide effective protection when the seat backrest angle is about 25° , otherwise it may cause serious injury or death in the event of an accident.
- Do not pull the seat belt away from your body by hand.

△Warning

- Do not twist the seat belt when wearing it.
- The seat belt shall not be tied to hard or fragile objects, such as glasses, ballpoint pens or keys. Do not change the wearing direction of the seat belt by seat belt clips, anchor rings or similar items.

Fastening or loosening the seat belt



Fastening: Pull seat belt out from the retractor, pass seat belt across the chest and hips, insert the locking tongue into the buckle until you hear a "click", indicating that seat belt is locked.

Loosening: Press the red releasing button on the lock socket and pull out the lock tongue.

Seat belt force limiter function

The front seat belt has force limiter function. When the vehicle suffers some serious front or side collision, the force limiting function will limit the force acting on the seat belt to a certain extent to relieve the impact on the passenger's chest.

Seat belt related work

1. Check the status of all seat belt regularly.

2. Keep the seat belt clean.

3. The seat belt, tongue and seat belt buckle socket must not come into contact with liquids and foreign matters.

Airbag

Introduction to airbag

SRS is an auxiliary restraint device of the seat belt. When the vehicle is involved in a frontal or side collision to the extent that the airbag deployment requirements are met, the airbag will be inflated and deployed to reduce the impact injury to the head and chest of the driver and passengers.

The airbag is only designed to provide additional protection. Airbag is not a substitute for seat belt, and seat belt must be fastened at all times.

Airbag function and description

In the event of frontal and side collision, the airbag can suppress the movement of passengers in the direction of collision, thereby protecting the occupants.

The key factors affecting the triggering of the airbag are the type of accident, the angle of collision, the speed of the vehicle and the characteristics of the object colliding with the vehicle. Therefore, the airbag is not triggered in every vehicle collision accident.

△Warning

- All drivers and passengers must wear seat belt correctly and keep correct sitting posture during driving.
- The SRS can only be triggered once. The airbag triggered by an accident must be replaced.
- Do not attempt to modify any components of the SRS.
- The airbag can only provide auxiliary protection function. Do not rely solely on the airbag for protection.

Precautions for use of airbag

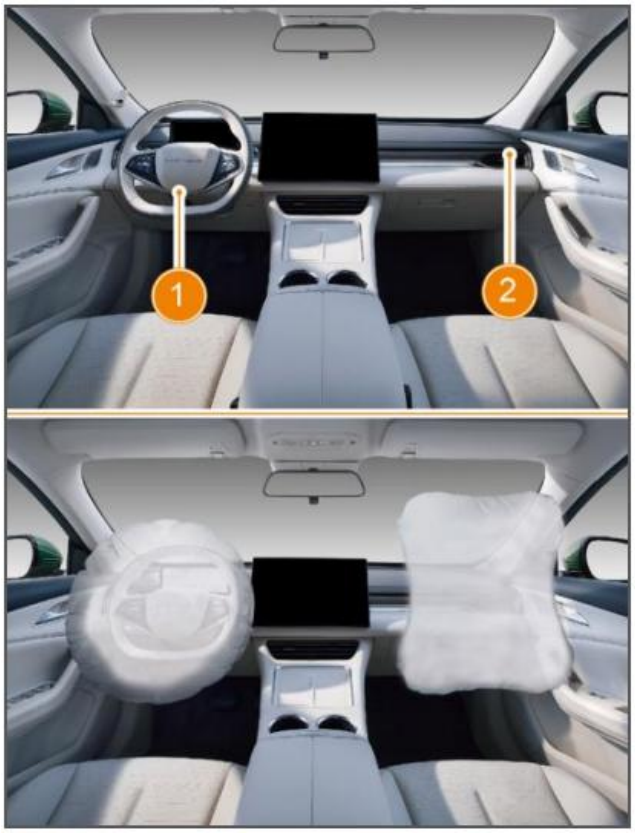
1. There is an airbag warning label on the right sun visor. Do not place a rear-facing child safety seat on a seat protected by the airbag (in the activated state); otherwise, in the event of a collision, the inflating front airbag will hit the child with great impact and cause serious injury.
2. Do not place any objects on the instrument panel or stick them on the steering wheel trim cover, etc., because when the airbag is deployed, these objects may be ejected, causing injury or death to the driver and passengers.
3. Do not hang clothes hangers or other hard objects on the coat hook. When the side curtain airbag is deployed, these objects may pop out and cause injury or death to passengers.
4. Do not carry items on the front passenger seat. When the vehicle brakes suddenly or the driver performs emergency driving operation, these objects may enter the deployment zone of the airbag and be thrown away when the airbag is triggered, which may cause danger to life.
5. Do not hold objects in your hands or hold children, pets, etc. in your arms while the vehicle is running; otherwise, the risk of injury will increase when the airbag is triggered.
6. Do not touch any related parts immediately after the airbag is deployed.
7. When the airbag is deployed, a loud noise will be heard, which may temporarily affect the hearing.
8. If you feel difficulty in breathing after the airbag is deployed, please open the door or window for ventilation, or leave the vehicle under the condition of ensuring safety, and clear the residue on your body as soon as possible to avoid skin irritation.

9. Do not use cleaning agents containing solvents to clean surfaces of the dashboard and airbag modules. Otherwise, the surface of the airbag module will change, which will increase the risk of personal injury by the fallen plastic parts when the airbag is triggered.

10. If the part where the airbag stays is damaged or broken, please contact the Forthing Special Service Station for replacement.

Location and deployment of airbag

Front airbag



1. Driver's airbag
2. Front passenger airbag

The front airbag helps protect the head and chest of the driver and front passenger from impact by interior parts of the vehicle.

Front side airbag

The front side airbag is installed in the backrests of the driver seat and the front passenger seat; The words "SRSAIRBAG" are marked on the backrest. In case of moderate to severe side impact, the front side airbag is inflated to reduce the risk of injury by working together with the seat belt.

Side curtain airbag*

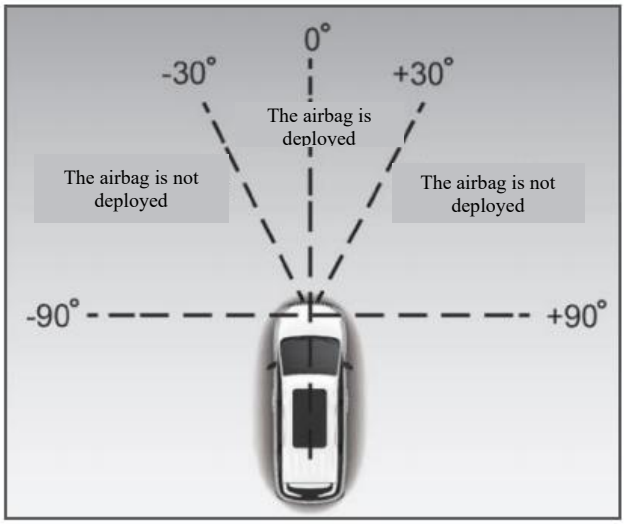
The side curtain airbag is installed above the left and right doors in the vehicle and marked with "SRSAIRBAG". In the event of a moderate to severe side collision, the side curtain airbag will deploy to protect the heads of the driver, front passenger and rear outboard passengers from hitting the inner wall of the vehicle.

△Warning

Due to the considerable speed and force of the front side airbag and side curtain airbag when they are deployed, it is forbidden to get your head close to the deployment area of the side airbag and side curtain when the vehicle is running; otherwise, you may be injured.

Deployment conditions of front airbag

The front airbag deploys when the vehicle has a head-on collision with a solid wall at a vehicle speed of 25 km/h or higher.

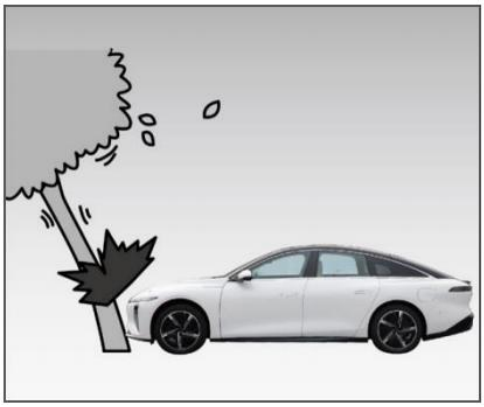


The front airbag deploys in the event of a severe impact within ±30 degrees of the front of the vehicle.

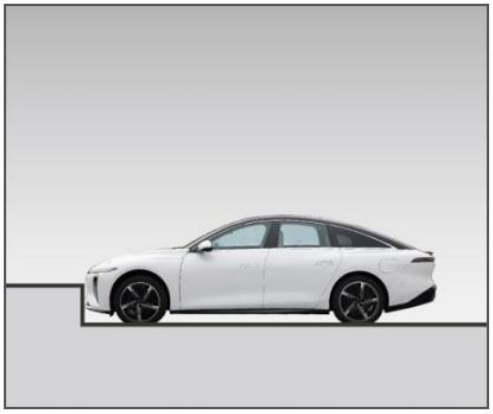
Deployment conditions of front side airbag and side curtain airbag*

When the vehicle is in a moderate to severe side collision and reaches the design value, the front side airbag and side curtain airbag can deploy.

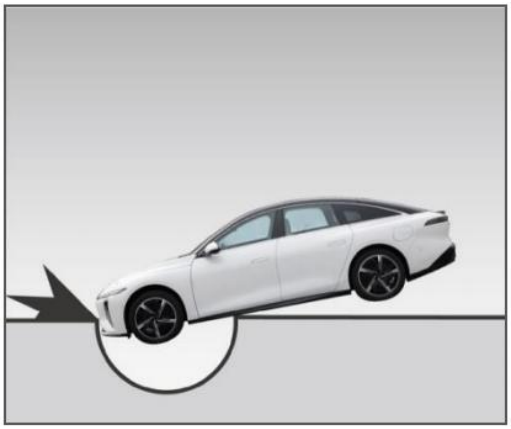
Situations that the front airbag may not deploy



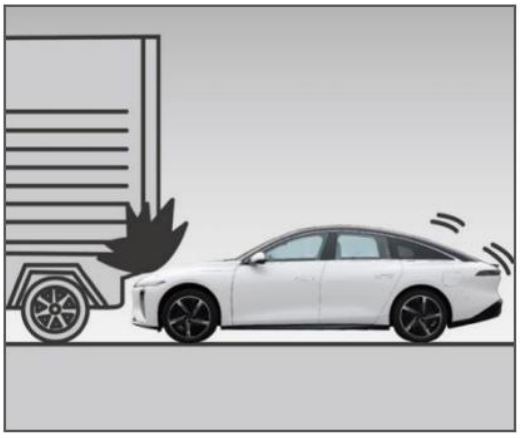
The vehicle does not start or collides with trees, poles and other easily deformed objects.



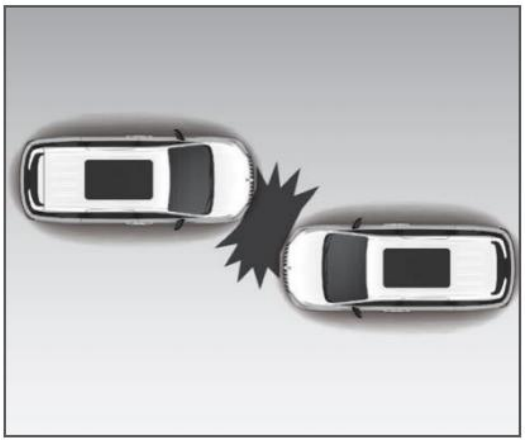
The running vehicle collides heavily with low objects such as steps.



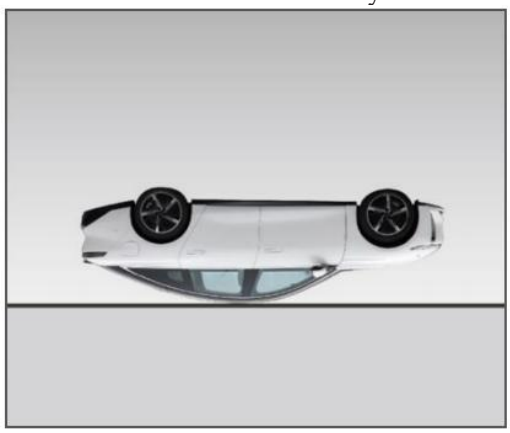
The vehicle suddenly falls into a deep pit or trench.



The vehicle collides with the rear of the truck and enters the truck cockpit.



The vehicle collides with a stationary vehicle with the same weight or the impact direction and impact point deviate from the vehicle center by more than 30 degrees.



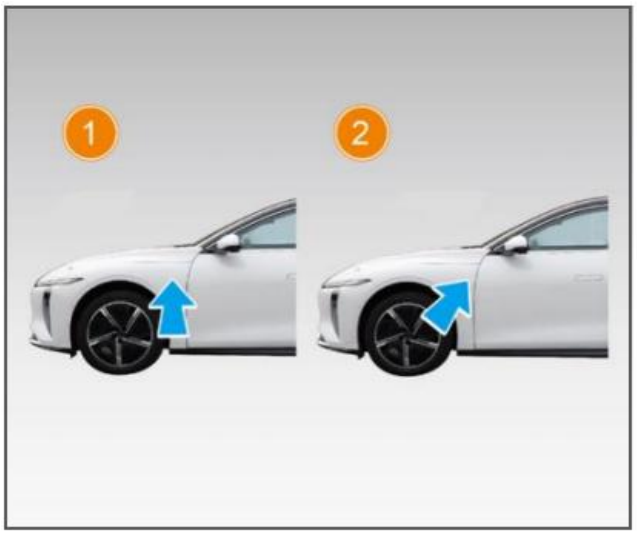
Turn-over

Side collision, rear collision, minor head-on collision.

The SRS is faulty.

Other special circumstances

Several types of collisions during which front side airbag and side curtain airbag may not deploy*

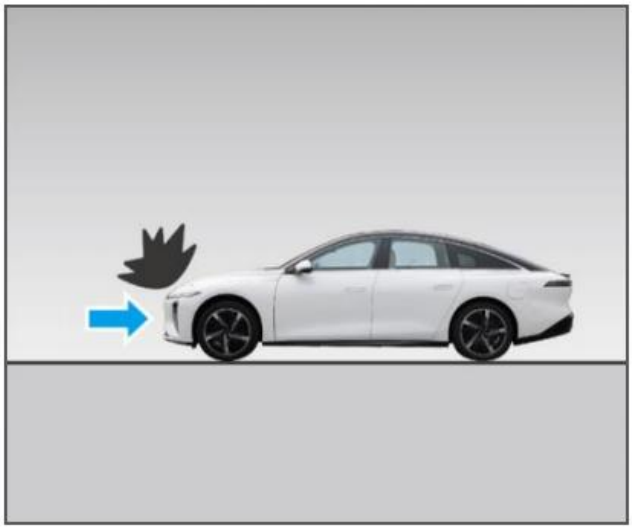


1. Side collision of the body other than the passenger compartment
2. Side collision at an angle to the body

If the vehicle part suffering side collision is at an angle to the body, or is not the passenger compartment, the front side airbag and side curtain airbag may not deploy.

1. Rear collision
2. Turn-over

If the vehicle suffers from rear collision, rollover, or low-speed side collision, the front side airbag and side curtain airbag may not deploy.



If the vehicle suffers a head-on collision or a near-head-on collision, the front side airbag and side curtain airbag may not deploy.

SRS indicator lamp

Before the vehicle is driven and after the vehicle is powered on, SRS will perform a self-check and airbag malfunction indicator lamp will be on and turn off after a few seconds.

If the following situations occur, please contact Forthing Special Service Station:

1. After the vehicle is powered on, SRS indicator lamp is not on.
2. After the vehicle is started, SRS indicator lamp is still on.
3. SRS indicator lamp during driving is on or flashes.

Event data recorder (EDR)

The vehicle is equipped with an event data recorder (EDR), which can be used for collision accident analysis. The specific parameters are shown in the table below:

S/N	Parameter name	Meaning	Unit
1	Longitudinal delta-V	Change of longitudinal velocity of the vehicle.	km/h
2	Maximum recorded longitudinal delta-V	Maximum cumulative change of longitudinal vehicle speed.	km/h
3	Maximum recorded longitudinal delta-V time	The time to reach the maximum cumulative change of longitudinal vehicle speed.	ms
4	Clipping mark	It indicates the time point when EDR collects the acceleration (lateral and longitudinal) for the first time to reach the sensor range.	ms
5	Vehicle speed	Wheel-side linear speed	km/h
6	Service brake, ON or OFF	It is used to detect whether the driver has stepped on the brake pedal.	/
7	Driver's seat belt state	State of the driver's seat belt buckle switch.	/
8	Accelerator pedal position, percentage of full open position	The percentage of the actual position of the accelerator pedal to the position where the driver depresses the accelerator pedal to the full extent.	/
9	Power-on cycle in the event	The number of power cycles of the ECU recording EDR data from the first use of the ECU recording the EDR data to the occurrence of the event.	Interval
10	Power-on cycle during reading	The number of power cycles of the ECU recording EDR data from the first use of the ECU recording the EDR data to the time of reading.	Interval
11	Event data record integrity state	Whether the event is completely recorded.	/
12	Time interval between this event and the last event	Time interval between two events.	s
13	VIN	Vehicle VIN.	/

S/N	Parameter name	Meaning	Unit
14	ECU hardware number for recording EDR data	Hardware number of the EDR device.	/
15	ECU serial number for recording EDR data	Product serial number of the EDR device.	/
16	ECU software number for recording EDR data	Software number of the EDR device.	/
17	Longitudinal acceleration	The component of the vector acceleration at a point on the vehicle in the X-axis direction.	g
18	Lateral acceleration	The component of the vector acceleration at a point on the vehicle in the Y-axis direction.	g
19	Lateral delta-V	Change in vehicle lateral velocity. The lateral delta-V is only the component of the total delta-V in the Y-axis direction.	km/h
20	Maximum recorded lateral delta-V	EDR records the maximum cumulative change of vehicle speed in Y-axis direction.	km/h
21	Maximum recorded resultant delta-V squared	Maximum value of the sum of squares of longitudinal delta-V and lateral delta-V recorded by EDR.	km/h*km/h
22	Time to reach the maximum recorded lateral delta-V	EDR records the time taken for the cumulative change of vehicle speed in the Y-axis direction to reach the maximum value.	ms
23	Time to reach the square of the maximum recorded resultant delta-V	The time taken for the sum of squares of longitudinal delta-V and transverse delta-V recorded by EDR to reach the maximum value.	ms
24	Yaw velocity	Changes in vehicle angle relative to the Z-axis before and during the event, which are applicable to the vehicle with ESC.	Degree/s
25	Steering angle	The angular coordinates of the steering wheel are applicable to the vehicle with steering angle sensor.	Degree
26	Tend	End of the collision event: if this condition is not met until the end of the recording period, Tend can be defined as the moment of the last recorded data point.	ms
27	Year	The year the event occurred.	/
28	Month	The month in which the event occurred.	/
29	Day	Date when the event occurred.	/
30	Hour	The hour on the day when the event occurred.	/
31	Minute	The hour on the day when the event occurred.	/
32	Second	The hour on the day when the event occurred.	/
33	Position	The actual gear position, which is applicable to the vehicle with the signal connected to busbar.	/
34	Brake pedal position	The actual position of the brake pedal, which is applicable to the vehicle with a brake pedal position sensor.	%
35	Parking system state	It is used to detect whether the parking brake is activated, and is suitable for the vehicle with the parking system state information connected to busbar.	/

S/N	Parameter name	Meaning	Unit
36	Turn signal switch state	It is used to indicate the state of the vehicle switch controlling steering or lane change intention, and is applicable to the vehicle with the steering signal connected to busbar.	/
37	Deployment time of driver's seat belt pretensioner	The time elapsed from the start of the event to the driver's seat belt pretensioner issuing an ignition command.	ms
38	Driver front airbag deployment time (first stage)	The time elapsed from the start of the event to the driver's front airbag issuing an ignition command in the first stage.	ms
39	Driver front airbag deployment time (second stage)	The time elapsed from the start of the event to the driver's front airbag issuing an ignition command in the second stage.	ms
40	Driver side airbag deployment time	The time elapsed from the start of the event to the driver's side airbag issuing an ignition command.	ms
41	Deployment time of driver side curtain	The time elapsed from the start of the event to the driver's side curtain issuing an ignition command.	ms
42	Front passenger seat belt state	The state of the front passenger seat belt buckle switch, which is suitable for vehicles with seat belt reminders.	/
43	Deployment time of front passenger seat belt pretensioner	The time elapsed from the start of the event to the front passenger seat belt pretensioner issuing an ignition command.	ms
44	Front passenger front airbag suppression state	The suppression state of the front passenger front airbag, which is applicable to the vehicle with front airbag suppression switches.	/
45	Deployment time of front passenger front airbag (first stage)	The time elapsed from the start of the event to the front passenger front airbag issuing an ignition command in the first stage.	ms
46	Deployment time of front passenger front airbag (second stage)	The time elapsed from the start of the event to the front passenger front airbag issuing an ignition command in the second stage.	ms
47	Deployment time of front passenger side airbag	The time elapsed from the start of the event to the front passenger side airbag issuing an ignition command.	ms
48	Deployment time of front passenger side curtain	The time elapsed from the start of the event to the front passenger side curtain issuing an ignition command.	ms
49	Occupant protection system alarm state	Occupant protection system fault state, which is applicable to the vehicle with the occupant protection system alarm state information connected to busbar.	/
50	Tire pressure detection system alarm state	The alarm state when the on-board TPMS detects that the tire pressure of one or more tires is low, which is applicable to the vehicle with the alarm state information connected to busbar.	/
51	Brake system alarm state	Brake system fault state, which is applicable to the vehicle with the alarm status information connected to busbar.	/
52	Cruise control system state	Operation state of cruise control system.	/
53	ACC system state	Operating state of the ACC system.	/

S/N	Parameter name	Meaning	Unit
54	ABS state	Operating state of the anti-lock brake system, which is applicable to the vehicle with the anti-lock brake system state information connected to busbar.	/
55	State of automatic emergency brake system	Operating state of the automatic emergency brake system.	/
56	State of electronic stability control system	Operating state of the electronic stability control system.	/
57	State of traction control system	Operating state of the traction control system.	/
58	Pre-event synchronization timing time	Relative time from the last data sampling point before T0 to T0, which is applicable to the vehicle with pre-event synchronous timing function. It is used to align different data in time.	ms

The EDR system is integrated in the airbag controller, and the recorded data can be extracted through the special diagnostic equipment of the Forthing Special Service Station.

The vehicle speed recorded by the EDR system comes from the wheel line speed of the anti-lock brake system (ABS) in the vehicle.

The data recorded by the EDR system is divided into non-locking event data and locking event data. Among them, the former is the data recorded when the EDR recording conditions are met but SRS deployment conditions are not met. The latter is the data recorded when the SRS deployment conditions are met. The non-locked event data overwrites the previous non-locked event data in chronological order; The locked event data cannot be overwritten by the data of subsequent events, and event data can be recorded three times.

Protective measures for children

Safety instructions for children

Be sure to read this chapter before children are riding in the vehicle.

Suitable protective devices should be used for children.

When a child is too young to wear a seat belt, he or she shall be placed in an approved child protective device in the rear row.

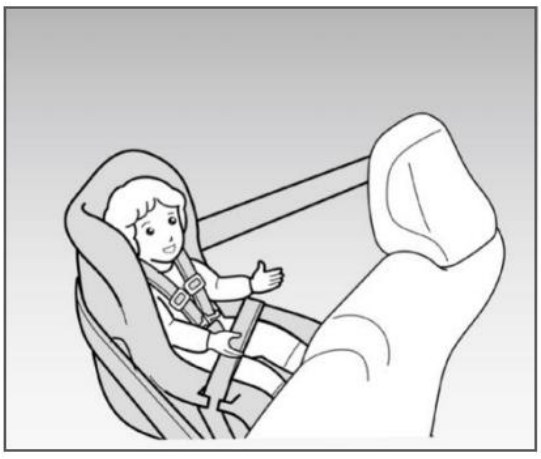
Older children must be protected by a three-point seat belt and, if necessary, an auxiliary safety seat cushion should be installed.

It is recommended that children sit in the rear seat. During driving, please use the rear door child safety lock or window locking switch to prevent children from opening the door or accidentally operating the power window.

Warning

- Do not leave children alone in the vehicle. Otherwise, children may be injured or killed in a closed vehicle due to excessive temperature.
- When the vehicle is running, it is forbidden to let children kneel on the seat or stand in the vehicle.
- Do not allow children to carry or use smart key.
- Children may start the vehicle or shift the shift lever to N position. Children may also injure themselves when they touch the window switch or other vehicle equipment by mistake.
- Please use the child safety lock to prevent children from opening the rear door and being thrown out of the vehicle accidentally.

Protective measures for infants



The neck of infants under one year old is very fragile. If they are seated facing forward, it is easy to cause neck injury in case of head-on collision. Therefore, it is recommended to use rear-facing child protective devices.

Protective measures for young children

According to the weight and height requirements specified by the child protection device manufacturer, children over one year old shall use forward-facing child protection devices when riding.

Protective measures for older children

It is recommended that all children under 12 years of age sit in the rear seat and be protected. If the seat belt does not fit well, an auxiliary seat cushion can be installed for the child.

Child protection device (provided by the user)

The child protection device shall be provided by the user. Please use the child protection device that meets the GB 27887-2011 standard.

Applicability of child seat

In addition to the three-point seat belt for children, the rear seat also provides two standard "ISOFIX" child restraint system, which can be selected as required.

The child restraint systems (CRS) applicable to this vehicle and their installation positions are shown in the table below.

Mass group	Seating position			
	Front passenger	Rear row left	Rear row right	Rear middle
Group 0 (less than 10 kg)	X	U	U	X
Group 0+ (less than 13 kg)	X	U	U	X
Group I (9kg~18kg)	X	U	U	X
Group II (15kg~25kg)	X	U	U	X
Group III (22 kg~36 kg)	X	U	U	X

The keywords in the above table have the following meanings:

U: applicable to general-purpose child restraint system certified by this mass group.

X: This seat position is not applicable to the child restraint system of this mass group.

If the child restraint system of "ISOFIX" standard is adopted, the adaptability information between the system and the vehicle is shown in the table below.

Mass group	Size classification	Fixing module	ISOFIX position on the vehicle			
			Front passenger	Rear row left	Rear row right	Rear middle
Carry-cot	F	ISO/L1	X	X	X	X
	G	ISO/L2	X	X	X	X
Group 0 (less than 10 kg)	E	ISO/R1	X	IL	IL	X
Group 0+ (less than 13 kg)	E	ISO/R1	X	IL	IL	X
	D	ISO/R2	X	IL	IL	X
	C	ISO/R3	X	IL	IL	X
Group I (9kg~18kg)	D	ISO/R2	X	IL	IL	X
	C	ISO/R3	X	IL	IL	X
	B	ISO/F2	X	IUF	IUF	X
	B1	ISO/F2X	X	IUF	IUF	X
	A	ISO/F3	X	IUF	IUF	X

The keywords in the above table have the following meanings:

IUF: applicable to forward general-purpose ISOFIX child restraint system certified by this mass group.

IL: Suitable for special ISOFIX child restraint system. These restraint systems may be of special vehicle categories, restricted categories or semi-universal.

X: This position is not applicable to ISOFIX child restraint system of this mass group or size category.

A-ISO/F3: Full-height forward-facing toddler restraint systems.

B-ISO/F2: Reduced-height forward-facing toddler restraint system.

B1-ISO/F2X: Reduced-height forward-facing toddler restraint system.

C-ISO/R3: Full-height rearward-facing toddler restraint systems.

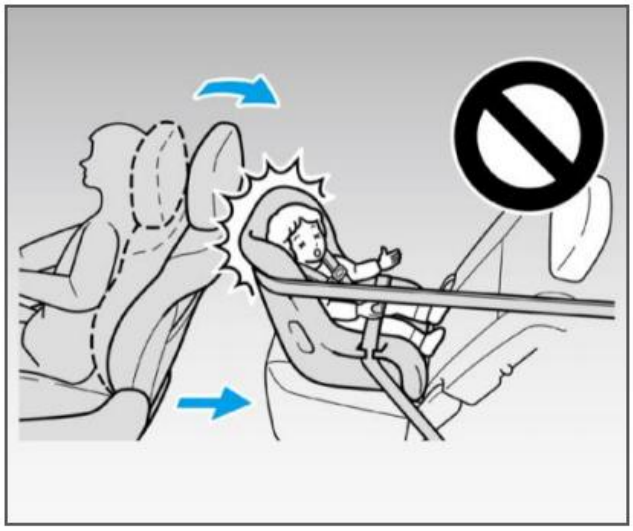
D-ISO/R2: Reduced-height rearward-facing toddler restraint systems.

E-ISO/R1: Rearward-facing infant restraint systems.

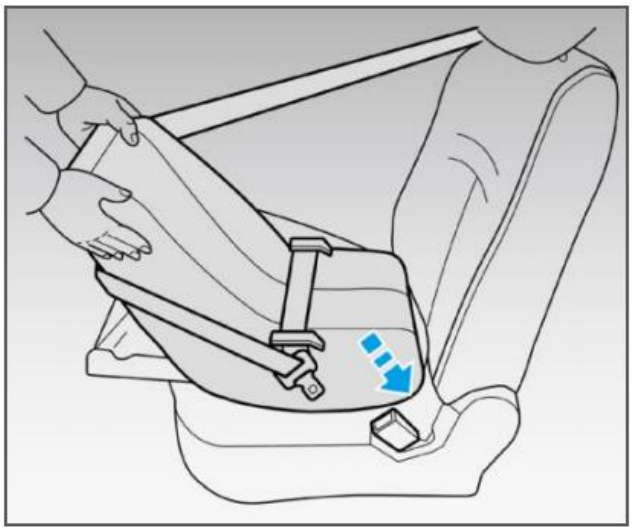
F-ISO/L1: Child restraint system (carry-cot) for the left facing position.

G-ISO/L2: Child restraint system (carry-cot) for right-facing position.

Installation of rear-facing child protection device



If the driver seat interferes with the proper installation of the rear-facing child protection device, the rear-facing child protection device should be installed on the rear right seat.



According to the instructions provided by the manufacturer, pass the seat belt through or around the rear-facing child protection device, insert the tongue into the buckle, ensure that the seat belt is not twisted and kept tight, confirm that the tongue and buckle are locked firmly, and shake it from side to side to ensure that the child protection device is fixed firmly.

Installation of forward-facing child protection device

According to the instructions provided by the manufacturer, pass the seat belt through the forward-facing child protection device and insert the tongue into the buckle, ensuring that the seat belt is not twisted and remains tight. Make sure that the tongue and buckle are securely locked, press the child protection device against the seat cushion and seat back to fully retract the seat belt, so that the child protection device is tightly fixed, and shake it from side to side to ensure that the child protection device is firmly fixed.

Installation of auxiliary seat cushion

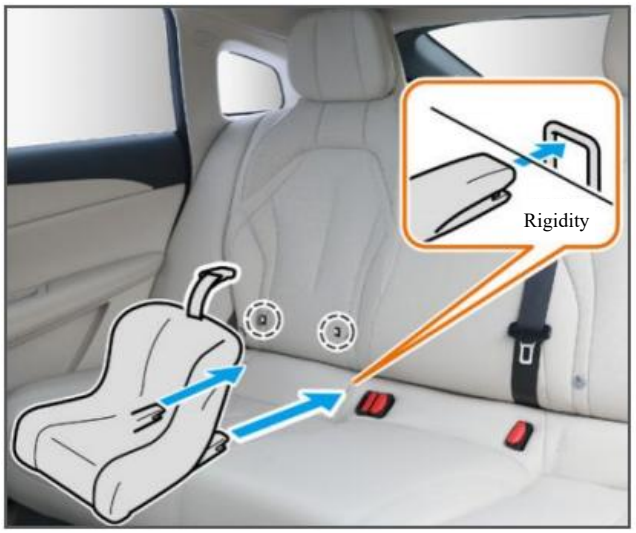
Place the auxiliary seat cushion on the seat, let the child

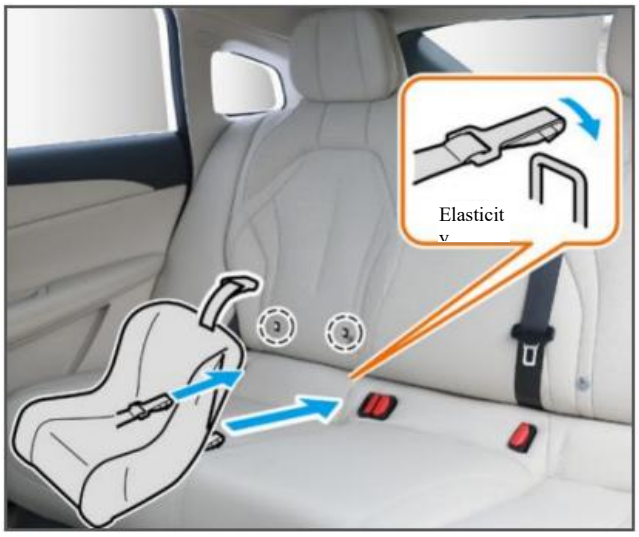
sit on the auxiliary seat cushion, properly cross the seat belt across the child's shoulder according to the instructions provided by the manufacturer, lower the seat belt at the waist as low as possible to the child's hip position, and then insert the tongue into the buckle to ensure that the seat belt is not twisted and remains tight.

Installation of ISOFIX interface

Child safety device of standard ISO specifications can be fixed by ISOFIX interface. Please follow the operation instructions and safety precautions of the child protection device manufacturer during installation and use, otherwise the protection effect may be affected.

1. Find the ISOFIX interface position in the rear upper opening





2. Align the ISOFIX interface of the child safety device with the ISOFIX interface in the upper opening of the seat cushion, insert the interface, and fasten the elastic interface.

3. Pass the hook of the child safety device through the side of the seat headrest, fasten it to the anchor support on the back of the seat, and fasten the top strap to ensure that it is fastened.

△Warning

- The front airbag in inflation will generate huge impulse, which will cause serious injury or death to children if they are hit. Therefore, please select, install and use the child protection device correctly, and ride the vehicle safely according to relevant requirements. In any case, comply with the laws and regulations of the country where you drive.
- Do not share a seat belt with infants and young children. Otherwise, it is very easy to cause death of infants and young children in case of accident.
- Please follow the instructions provided by the manufacturer to place the appropriate child safety device on the rear seat. Incorrectly installed child safety seat can cause injury.
- All drivers and passengers, especially children, must always keep correct sitting posture and fasten the seat belt during driving.
- Do not allow two children to share one child safety seat.
- Ensure that there are no hard or sharp objects on the child safety seat, such as toys.

△Warning

- Older children shall sit on the rear seat as much as possible and wear seat belt. If necessary, auxiliary seat cushion shall be added.
- If the child restraint system is not installed, children under 1.5 meters in height shall not use the conventional seat belt. Otherwise, the emergency braking or accident may cause injury to the child's abdomen and neck.
- Do not twist the seat belt, make it stuck somewhere or rub it with sharp edges.

Warning lamps and indicator lamps

Warning and indicator lamps inform the driver of the state of the vehicle's systems.

Warning lamp

The warning lamp alerts the driver that some of the vehicle's systems may be malfunctioning.

TPMS malfunction warning lamp (yellow)

When the tire pressure and temperature are abnormal or the TPMS fails, this lamp will go on

1. For vehicles equipped with direct TPMS, if this lamp is on because the tire pressure is too high or too low, please adjust the tire pressure to the standard tire pressure in time. If this lamp is still on after adjustment, please contact the Forthing Special Service Station in time.

2. For vehicles equipped with direct TPMS, if this lamp is on because the TPMS is not matched or the sensor is activated, please contact the Forthing Special Service Station in time.

3. For vehicles equipped with indirect TPMS, if this lamp is on because the tire pressure is too low or the system fails, please adjust the tire pressure to the standard tire pressure in time. If this lamp is still on after adjustment, please contact the Forthing Special Service Station in time.

EPB fault warning lamp (yellow)

This lamp will come on when the parking system is faulty

. When the signal of the EPB system is lost, this lamp will flash. Please contact the Forthing

Special Service Station in time.

Battery charging abnormality warning lamp (red)

This indicator lamp is on when the battery charging is abnormal. At this time, please turn off all unnecessary electrical equipment or depress the brake pedal to make the vehicle enter the

In READY status, if the warning lamp still does not disappear when the battery charging is abnormal, please contact the Forthing Special Service Station in time.

Steering power system malfunction warning lamp (yellow/red)

When the electric power steering system has a slight fault, this lamp will light up in yellow; When the electric power steering system has a serious fault, this lamp turns red. If this lamp is on when the vehicle is running, please reduce the speed and park the vehicle safely on the side of the road. Restart the vehicle after power-off for a period of time. If this lamp is no longer on, the vehicle can run normally. If this lamp is still on, please contact the Forthing Special Service Station as soon as possible.

ABS malfunction warning lamp (yellow)


If this lamp goes on when the vehicle is running, the anti-lock braking system (ABS) is faulty. At this time, although the vehicle has normal braking ability, it has no anti-lock function. Please drive carefully and contact the Forthing Special Service Station as soon as possible.

Brake system malfunction warning lamp (red)


When the brake fluid level drops to a low level, this lamp will come on. If this lamp goes on when the vehicle is running, the brake system may be faulty. Please drive off the road carefully and park the vehicle safely, and contact the Forthing Special Service Station in time.

SRS malfunction warning lamp (red)


If this lamp stays on during driving, the SRS is faulty. Please contact the Forthing Special Service Station.

Front seat belt unfastened warning lamp (red)


After the vehicle is powered on, if the driver or front passenger does not fasten the seat belt, this lamp will go on and an alarm will sound. When the driver or front passenger fastens the seat belt, this lamp will go out and the alarm will be released.

Malfunction warning lamp of forward collision assist system (yellow)*


When the forward collision assist system fails, this lamp is always on.

Main warning lamp


When the warning lamp is on, there is some functional abnormality in the vehicle. If alarm cannot be relieved after handling, please contact Forthing Special Service Station.

Power system malfunction warning lamp


When the power system of the vehicle fails, this lamp will go on, and the combination instrument will display a text alarm to indicate the cause of the failure. If the failure cannot be eliminated, please contact the Forthing Special Service Station in time.

IHC fault warning lamp (yellow)*


This lamp will come on when there is a malfunction in the IHC function.

ADAS malfunction warning lamp *


This lamp will come on when there is a fault alarm of ADAS.

Indicator lamp

The indicator lamp is used to inform the driver of the activated state of each system of the vehicle.

READY indicator lamp (green)


After the vehicle is powered on, if you depress the brake pedal, the lamp will go on.

Sport mode indicator lamp (orange)


This lamp is on when the vehicle is in SPORT mode.

Sport + mode indicator lamp (red)


This lamp will come on when the vehicle is in SPORT+ mode.

ECO mode indicator lamp (green)


This lamp will come on when the vehicle is in ECO mode.

Standard mode indicator lamp (blue)


This lamp will come on when the vehicle is in NORMAL mode.

Parking status indicator lamp (red)


After the vehicle is parked stably, if you press the

P button, this lamp will go on. If this lamp does not go on or continues flashing after parking, the parking brake may be faulty or the parking is risky. Please contact the Forthing Special Service Station.

AUTO HOLD ON indicator lamp (gray)


When the AUTO HOLD is turned on but not activated, this lamp will come on.

AUTO HOLD activation indicator lamp (green)


When the AUTO HOLD is activated, this light is always on

HDC activation indicator lamp (green)


When the HDC is turned on but not activated, this lamp will stay on. When the HDC is activated, this lamp flashes.

ACC ON indicator lamp (gray)*


When the ACC function is turned on but not activated, this lamp will come on.

ACC activation indicator lamp (blue)*


When the ACC function is activated, this lamp will go on. When setting the cruising speed, the speed in the indicator lamp changes with the setting, and the finally set speed is displayed after the setting is completed.

Advanced cruise function ON indicator lamp (gray)*


This lamp is on when the advanced cruise control function is turned on but not activated.

Advanced cruise function activation indicator lamp (blue)*


This lamp will come on after the SCC function activation.

Turn and hazard signal indicator lamp (green)


When operating the turn signal lamp, the corresponding turn indicator lamp lights up or goes out. When the hazard warning switch is pressed, the indicator lamp and the left and right turn signal lamps flash simultaneously. If it does not flash or flashes quickly at this time, the turn signal lamp bulb may be faulty. Please contact the Forthing Special Service Station for inspection or replacement.

Indicator lamp of position lamp (green)


When the position lamp is turned on, this lamp will go on.

Indicator lamp of low beam lamp (green)


When the low beam is turned on, this lamp will go on.

Indicator lamp of high beam (blue)


When the high beam is turned on, this lamp will go on.

Indicator lamp of rear fog lamp (yellow)


When the rear fog lamp is turned on, this lamp will go on.

ESP activation/fault indicator lamp (yellow)


This lamp flashes when the ESP is working. If this lamp stays on during driving, the system may be faulty. Please contact the Forthing Special Service Station.

ESP OFF indicator lamp (yellow)


This lamp will come on after the ESP is turned off.

Forward collision assist OFF indicator lamp (yellow)*


This lamp will come on when the FCW switch is

turned off.

Indicator lamp of intelligent high beam ON (gray)*

 When the intelligent high beam function is not activated, this lamp will go on.

Intelligent high beam activation indicator lamp (blue)*

 This lamp will come on when the IHC function is activated.

Charging connection indicator lamp (red)

 When the charging gun is inserted, this light will come on. If the charging gun is connected abnormally, the instrument cluster will display an alarm prompt text and light up this lamp. This lamp flashes during charging and discharging.

Limp-home mode indicator lamp (yellow)

 When the vehicle enters the limp-home (power limited) mode, this lamp will go on. At this time, drive carefully, slow down or stop for inspection, and clear the fault before drive.

Power battery low power indicator lamp (yellow)

 When the traction battery SOC is too low, this lamp will come on.

TSR indicator lamp *

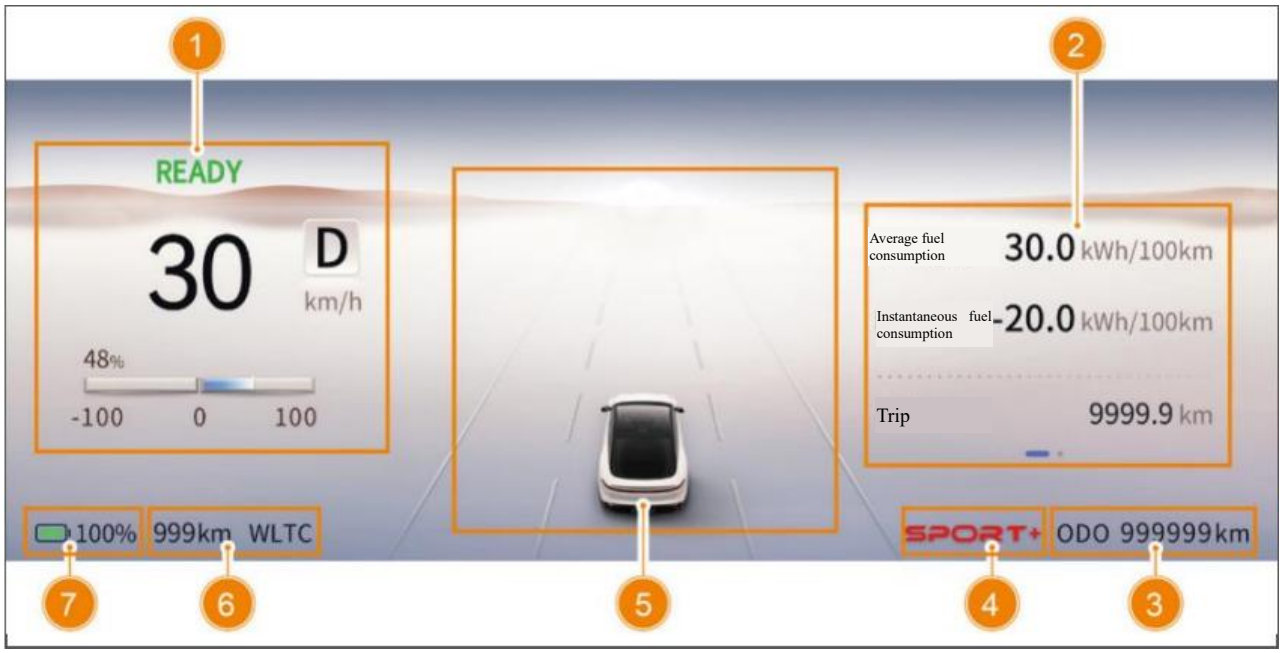
Indicate the currently recognized traffic sign.

Caution

The infotainment system can be set to day or night mode, and the colors of some indicator lamps are slightly different in the two modes.

Combination instrument overview

The instrument cluster display may vary depending on the vehicle configuration and function settings. The pictures are for reference only. Please refer to the actual vehicle for details.



1. Left information display area

(1) Real-time driving status: It displays the current vehicle speed, current position and power meter.

(2) Charging/discharging status: display the current charging/discharging information.

2. Right information display area

It displays the current vehicle status, direct TPMS information and vehicle information.

3. Odometer

It displays the total mileage of the vehicle, the range is: 0~999999 km, and the total mileage will not be calculated after exceeding.

4. Driving mode

Display the driving mode of the current vehicle, Including standard mode, economy mode, sport mode and sport + mode. After the driving mode is switched on the infotainment system, the instrument cluster switches synchronously. For details, see "Driving Mode" in the section "Comfortable Driving".

5. Text alarm display area/assisted driving display area*

(1) Text prompts are displayed.

(2) The car model, lane marking and other related information of the assisted driving are displayed. For details, please refer to the relevant instructions in the "Comfortable Driving" section.

6. Endurance range

It displays the endurance range under the relevant endurance standard (CLTC/WLTC, etc.) operating condition. After the endurance standard is switched in the energy center interface of the infotainment system, the endurance standard is updated synchronously on the instrument cluster interface.

7. SOC meter

It consists of a power bar and a power percentage, and displays the actual remaining power of the traction battery. When the remaining power is lower than 15% SOC, the power bar will be red.

Combination instrument control

1. Combination instrument switch key

Press the instrument cluster switch button to switch between the tire pressure information and vehicle information of the direct TPMS, and press and hold the button for more than 10 seconds to reset the tire pressure of the indirect TPMS.

2. Up/Down selection/OK key

(1) Toggle this button up and down to increase or decrease the multimedia volume.

(2) Press the OK key to confirm or deactivate the currently displayed text reminder interface.

Left information display area

This interface displays real-time driving status and charging information.

Real-time driving status

1. Speedometer

Display the current speed of the vehicle.

2. Current position

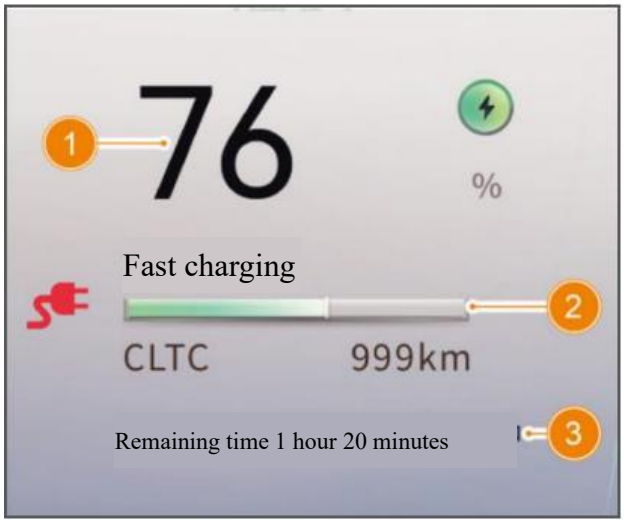
It is displayed as R, N, D according to the position currently selected by the driver. When the vehicle is in P position, the position is displayed in the speedometer position.

3. Power meter

It displays the current output power and energy recovery percentage of the drive motor.

If the power value is positive, it means that the drive motor is consuming electric energy and outputting power; A negative power value indicates that the drive motor is performing energy recovery.

Charging/discharging state



1. Current SOC

2. Current endurance range

3. Remaining charging time

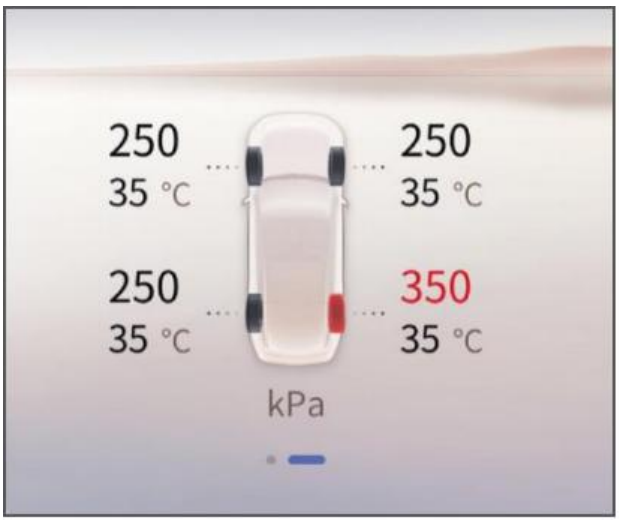
Right information display area

This interface can be used to view the vehicle status, and also to switch the display of the direct TPMS tire pressure information and vehicle information through the instrument cluster switch on the steering wheel.

Vehicle state

This interface shows the usage status of the doors (including liftgate), hood and seat belt.

Direct TPMS information



When the tire pressure value is abnormal or the tire pressure temperature is too high, the display interface will give corresponding reminder.

Caution

• The tire pressure sensor does not need to be re-matched as long as it has not been replaced or damaged due to tire repair, tire removal, etc. However, if the tire position is changed, or the tire pressure sensor in the tire is replaced, the tire pressure matching needs to be performed again. Please contact the Forthing Special Service Station.

Caution

● Please keep the tire pressure near the standard pressure value. When the tire pressure shows "--" and the specified tire lights up, the TPMS has lost the sensor at this position. Please contact the Forthing Special Service Station in time.

Vehicle information

1. Average energy consumption

It displays the average energy consumption of the current vehicle trip, range: 0~30kWh/100km.

2. Instantaneous energy consumption

It displays the instantaneous energy consumption of the current vehicle, range: -20~60kWh/100km.

3. Trip meter

It displays the trip of the vehicle with a range of 0~9999.9 km, which will be automatically cleared when out of range.

Basic function operations

Key information

Smart key

1. Locking button

2. Unlocking button

3. Liftgate unlocking button

4. Mechanical key

5. Mechanical key number plate

If the mechanical key is lost, it can be remade using the mechanical key number plate.

Replace the smart key battery

If the smart key power is low, it may cause the remote control distance to become shorter or the vehicle cannot be remotely controlled, and even the vehicle may not be able to recognize the smart key. In this case, the battery in the smart key needs to be replaced.

Bluetooth key*

Bluetooth key is a function that allows you to control the vehicle using the mobile phone Bluetooth when you are close to the vehicle. For specific operations and functions, please refer to the "Bluetooth key" in the "infotainment system" chapter.

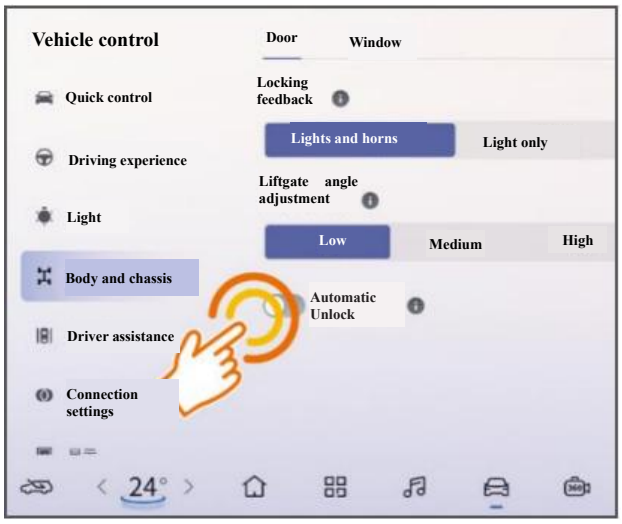
Engine immobilizer system

If an incorrectly coded smart key/Bluetooth key is used, the vehicle cannot be unlocked. When theft prevention is triggered by pulling the door handle or other actions, the vehicle horn will alarm to remind that the anti-theft function is enabled. When the locking system cannot recognize the key code, please contact the Forthing Special Service Station.

Opening, closing and locking of door

Unlock and lock the door from outside the vehicle

Keyless entry (inductive)



Click [Vehicle Control] - [Body and Chassis] - [Door] - [Automatic Unlock] in the infotainment system homepage navigation bar to turn the automatic unlock function on or off.

Unlock

When the automatic unlocking function is activated, carry the smart key close to the vehicle within about 2 m or the Bluetooth key close to the vehicle within about 3 m. When the smart key/Bluetooth key is sensed to approach, the hidden door handle will pop up automatically and all doors will be unlocked.

Locked

When the automatic unlocking function is activated, all doors (including the liftgate) are closed and the driver seat is unoccupied. Or no heavy objects are placed, there is no valid smart key / Bluetooth key in the vehicle, and the smart key is carried away from the vehicle about 3 meters or the Bluetooth key is away from the vehicle about 4~10 meters. When the smart key / Bluetooth key is sensed to be away, the hidden door handle is automatically retracted and all door are locked.

Caution

- When the liftgate is not completely closed, the automatic lock when leaving the vehicle cannot be realized.
- After the vehicle is locked by smart key or mobile phone APP, passengers in the vehicle can still get off by opening the door with the interior handle, but an alarm will be triggered. It is recommended to unlock the door before getting off.
- It is recommended to store the mobile phone and smart key separately to avoid abnormal conditions caused by interference with the smart key signal.
- The automatic unlocking function cannot work normally under all conditions. For example, the smart key signal may be disturbed near the charging pile. Please confirm that the vehicle is locked before leaving the vehicle.

Unlocking and locking with smart key

Unlock

Short press the unlocking button on the smart key, the four doors will be unlocked, the hidden door outside handle will pop up, and the turn signal lamp will flash twice; Press and hold the unlocking button on the smart key, and the windows of four doors will be opened.

Locked

Short press the lock button on the smart key, and the four doors will be locked. If the "lock feedback" of the infotainment system is set to [light and horn], the turn signal lamp will flash once and the horn will sound once when the vehicle is locked, and the infotainment system will be turned off at the same time. Long press the lock button, and the four doors glass will be closed.

Unlocking and locking with mechanical key

1. Take out the mechanical key.

2. After the door is closed, press the front end of the driver door handle and pull the rear end of the driver door handle to the maximum opening.

3. Insert the mechanical key into the lock cylinder hole and turn the key clockwise to unlock the driver's door; Turn the key counterclockwise to lock the driver's door.

Unlock and lock the door from inside the vehicle

Unlocking and locking of door lock control

1. Unlocking button

2. Locking button

When all doors (including the liftgate) are closed, press the locking button to lock all doors.

When all doors (including the liftgate) are locked, press the unlocking button to unlock all doors.

Unlocking and locking of front passenger door and rear door

If the vehicle is powered off, press down the white switch on the inside of the door lock to lock the door; Pull the door interior handle twice from inside the vehicle to unlock the door.

Open door with the inner door handle

When the door is locked, pull the interior handle of the door twice to open the door.

When the door is unlocked, pull the interior handle of the door once to open the door.

Caution

If the child safety lock of the rear door is locked, the rear door cannot be opened from inside the vehicle.

Rear door child safety lock

1. Unlocking

2. Locking

After setting the rear door child safety lock, the rear door on both sides cannot be opened from inside the vehicle, which helps prevent children from accidentally opening the rear door.

Automatic door lock

When the vehicle is in READY state, the four doors are closed and the vehicle speed is accelerated from low to high to more than 10 km/h, the four doors will be locked automatically.

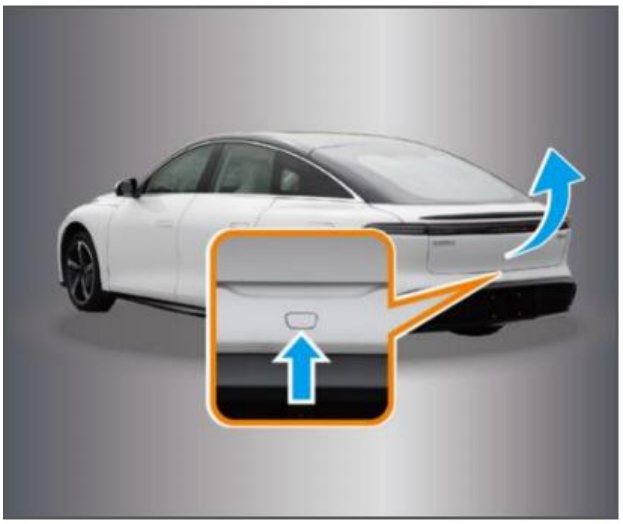
Collision forced unlock

During driving or in stationary state, after the vehicle is powered on, if the vehicle is impacted, the four doors will be automatically unlocked after the system receives the collision signal.

Opening and closing of tailgate

Open the tailgate from outside the vehicle

Open the tailgate without a key



Ordinary liftgate

Take the smart key to the side of the liftgate and manually open the liftgate while pressing the micro switch.

Power liftgate*

Carry the smart key to the side of the tailgate and press the microswitch, the tailgate will be opened automatically.

Open the tailgate with a smart key

Ordinary liftgate

When the liftgate is closed, press and hold the liftgate unlocking button on the smart key to unlock the liftgate, and then manually open the liftgate.

Power liftgate*

When the liftgate is closed, press and hold the smart key

Press the liftgate unlocking button, and the liftgate will open automatically.

Close the tailgate from outside the vehicle

Keyless closing of liftgate

Ordinary liftgate

Snap down to close the liftgate.

Power liftgate*

Press the tailgate guard switch to automatically close the tailgate. If this switch is pressed again during the movement, the liftgate will stop moving.

Close the liftgate with smart key*

When the tailgate is open, the tailgate can also be automatically closed by pressing and holding the tailgate unlocking button on the smart key.

Open and close the liftgate from inside the vehicle*

In the intelligent control theme interface, click the liftgate control switch behind the infotainment system homepage car model to open or close the liftgate from inside the vehicle.

Emergency opening of liftgate inside the vehicle

If the unlocking device fails or you are trapped in the vehicle and cannot open the liftgate from the outside, you can first remove the emergency opening cover on the inner guard plate of the liftgate, press down the liftgate lock body emergency opening lock block, and push the liftgate outward at the same time to open the liftgate from the inside.

Liftgate opening height setting*

Set the tailgate opening height

The opening height of the tailgate can be set by the tailgate guard switch:

1. Manually open the tailgate to the required height.

2. Long press the tailgate guard switch until an audible signal is heard, indicating that the opening height is set successfully.

3. Close the liftgate and reopen it to automatically reach the set height.

Restore the maximum opening height

1. Manually open the tailgate to the highest position.

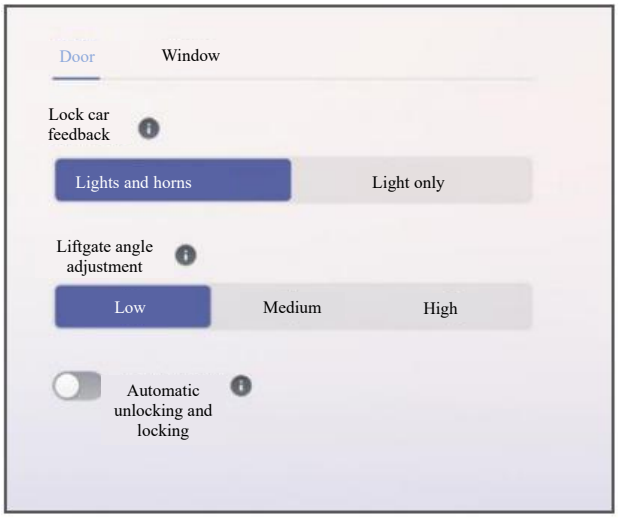
2. Long press the tailgate guard switch until an audible signal is heard, indicating that the maximum opening height is restored successfully.

3. Close the liftgate and reopen it to automatically to the maximum height.

△Warning

- Do not manually open or close the power liftgate unless necessary.
- When the power liftgate needs to be manually operated in case of power failure or fault, it shall be opened or closed at an even speed for not less than 2 seconds, otherwise the electric stay bar or controller may be damaged.

Set the tailgate opening angle through the infotainment system



1. Click [Vehicle Control] - [Body and Chassis] - [Door] - [Liftgate Angle Adjustment] in the infotainment system homepage navigation bar to choose low, medium or high.

2. According to the actual needs, click the desired tailgate opening height value on the setting page, and the system will give an audible prompt to indicate that the setting is successful.

Caution

The opening height of the tailgate in the infotainment system is for reference only, and the specific height should be set according to the actual operation.

Anti-pinch protection

When the tailgate is automatically opened, if an obstacle is detected, the tailgate will stop opening; When it is automatically closed, if the system detects an obstacle, the tailgate will stop closing and return to the pre-set maximum opening height.

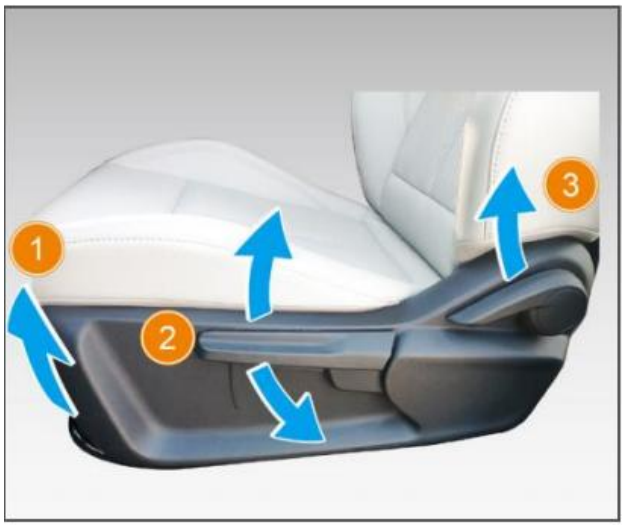
△Warning

When the tailgate is automatically opened or closed, make sure that there is no one nearby. When operating the tailgate, do not obstruct the tailgate movement in any way unless necessary.

Adjust the seat

Front seats

Manual adjustment of driver seat



1. Seat fore-and-aft adjustment lever

Pull up the lever to adjust the seat forward and backward. After adjusting it to the proper position, release the lever to ensure that the seat is locked in place.

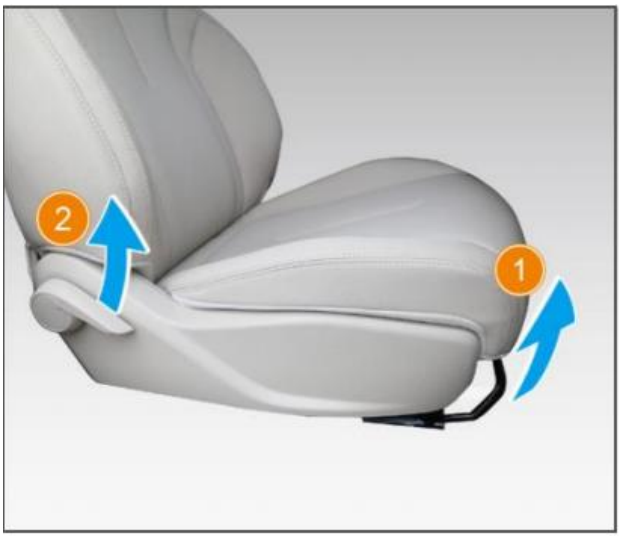
2. Seat height adjustment handle

Lift or press the handle to adjust the seat up or down. After adjusting it to a proper position, release the handle.

3. Adjustment handle of backrest angle

Sit on the seat, lift the handle, lean forward or press the backrest backward, adjust the backrest to a proper position and then release the handle, and shake it back and forth a few times to ensure that the backrest is locked in place.

Manual adjustment of front passenger seat

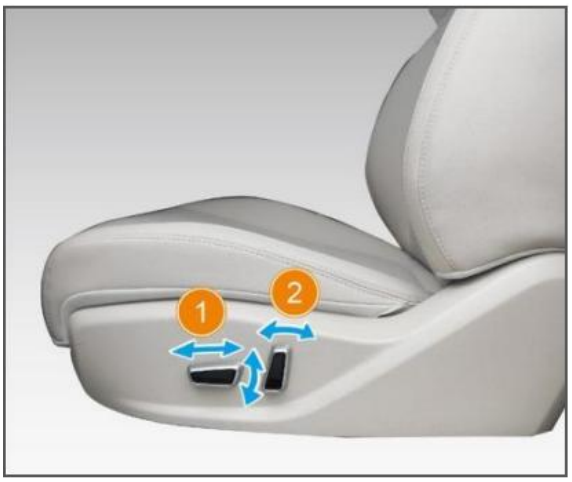


1. Seat fore-and-aft adjustment lever

2. Adjustable handle of backrest angle

The manual adjustment method of front passenger seat is the same as that of the driver seat.

Electric adjustment of driver seat*



1. Seat fore-and-aft and height adjustment buttons

Push this button back and forth to adjust the seat to move back and forth; Toggle the rear end of this button up and down to adjust the seat up or down. After adjusting it to the proper position, release the button.

2. Seat back angle adjustment button

Push this button back and forth to adjust the seat backrest angle. After adjusting it to the proper position, release the button.

Driver seat learning function

Seat learning may be required after the following three operations:

1. Replace the seat.

2. Cut off the power supply of the whole vehicle during seat adjustment.

3. Manually move the seat position.

The specific methods are as follows:

First, adjust the seat backrest to the front end for more than 2 seconds, then adjust the seat back and forth to the rear end for more than 2 seconds, and finally adjust the seat up and down to the bottom end for more than 2 seconds to complete the seat learning.

If the seat memory position is quite different from the real vehicle, the memory position can be corrected in the following ways:

Adjust the seat backrest to the rearmost position, and then adjust it to the foremost position to complete the backrest position correction; Adjust the seat back and forth to the rearmost end and then adjust it to the foremost end to complete the front and rear position correction; Adjust the seat up and down to the lowest end and then to the highest end to complete the up and down position correction.

Electric adjustment of front passenger seat*

1. Backrest angle adjustment button

Push this button back and forth to adjust the seat backrest angle. After adjusting it to the proper position, release the button. 2. Seat fore-and-aft adjustment button

Push this button back and forth to adjust the seat forward and backward. After adjusting it to the proper position, release the button.

Adjust the front seat through infotainment system*

The seat setting interface can be accessed through the A/C setting interface. For details, please refer to the "Seat Setting" in the "Infotainment System" chapter.

Caution

- Be careful when adjusting the seat to ensure that other passengers are not injured when moving the seat.
- Do not put your hands under the seat or near the moving parts when adjusting the seat to avoid injury.
- When the seat fails to be adjusted through the infotainment system, check whether the seat has been adjusted in place or whether there is an object stuck.
- Do not place objects under the seat and clean up small objects in the seat slide rail in time to prevent the seat from jamming and other abnormal phenomena during coasting.

△Warning

- When children are in the car, the seat must be adjusted by adults to prevent the occupant's body from coasting forward due to unfixed cushions or similar items on the seat in case of emergency braking or accidents, which may cause accidental injuries.
- Before driving, please adjust the driver seat to the correct driving position. This can reduce misoperation and effectively play the protective function of seat belt, airbag, headrest and other configurations.
- The driver shall not adjust the seat during driving.
- Do not tilt the seat excessively; otherwise, the waist seat belt may slide through the hip and directly press the abdomen, or make the shoulder seat belt touch the neck. In case of accident, it will cause serious injury and even increase the risk of death.

Rear seat

Rear seat backrest folded

The rear seat is an integrated seat, and the backrest can be folded forward as a whole to increase the trunk space and facilitate the storage of large items. Pull up the locking strap at the top of the seat back, unlock the seat backrest, and then fold the seat backrest forward gently.

Rear seat back folded back

Turn the seat backrest backward and push it backward firmly to lock it.

△Warning

- Do not fold the seat backrest during driving.
- When flattening the rear seat, be careful not to jam your hand.
- Do not fold the rear seat backrest when there are passengers sitting on the rear seat or luggage on the seat.
- When resetting the rear seat, gently shake the seat and its backrest back and forth to ensure that it is locked in place.
- Check and confirm that the seat belt is not twisted or stuck in the seat backrest.

Seat heating and ventilation*

Control by infotainment system

For the specific operation method, please refer to the "Seat Settings" in the chapter "Infotainment System".

Caution

- Do not kneel on the seat or make the seat bear concentrated load, so as to avoid damaging the seat heating components.
- Do not clean the seat by wet washing.
- Do not place the seat cushion when the seat heating function is turned on.

Seat memory and convenient getting on and off*

Seat memory

For the specific operation method of the driver seat memory function for some models, please refer to the "Personal Center" - "Personalized Memory*" in the chapter "Infotainment System". Convenient alighting/boarding

Click [Vehicle Control] - [Driving Experience] - [Easy Entry and Exit] in the infotainment system homepage navigation bar, you can turn this function on or off.

After the convenient getting on and off function is turned on and the seat memory position is set, open the driver door to enter the vehicle, and the driver seat moves backward a certain distance from the memory position; When the door is opened for getting off, the driver seat moves backwards a certain distance from the current position. When the door state changes from open to close, the driver seat will move to the set memory position.

Headrest

△Warning

If the body cannot sense pain and temperature due to taking drugs, paralysis, paralysis and other diseases, do not use the seat heating function, otherwise it may cause burns.

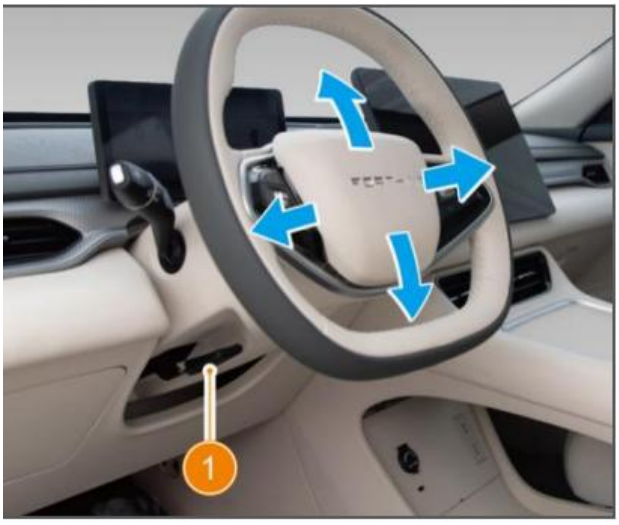
The seat headrest is an integral fixed headrest and is not adjustable.

Caution

Do not put cushions or similar objects between the back and the seat backrest during driving. Otherwise, the headrest will lose its protective effect in an emergency.

Steering wheel

Steering wheel adjustment



1. Steering wheel adjustment handle

Adjust the steering wheel to the proper position as follows:

1. Turn the steering wheel to the forward straight driving position, that is, the steering wheel returns to the position.

2. Pull down the steering wheel adjustment handle to unlock the steering wheel.

3. Adjust the steering wheel up and down, back and forth to the proper position along the arrow direction.

4. After the adjustment, pull the steering wheel adjustment handle upward, and confirm that it is locked in place.

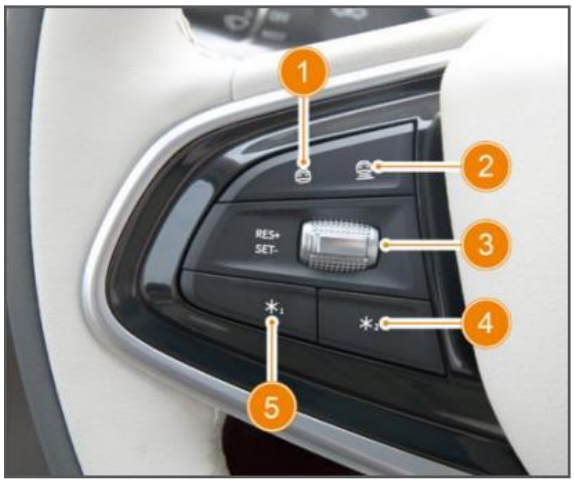
△Warning

Do not adjust the steering wheel while the vehicle is running to avoid loss of control of the vehicle and personal injury.

Horn

The horn is located in the middle of the steering wheel. Press the horn to remind pedestrians and vehicles outside the vehicle. The reasonable use of horn will help to ensure driving safety and reduce the frequency of accidents.

Steering wheel left button



1. Distance decrease button*

2. Distance increase button*

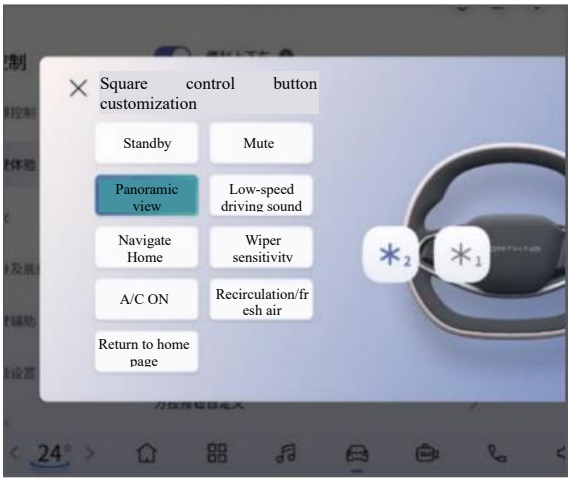
3. Cruise control button*

(1) Toggle this button downward to set or reduce the vehicle speed.

(2) Pull this button up to resume the cruise control or increase vehicle speed.

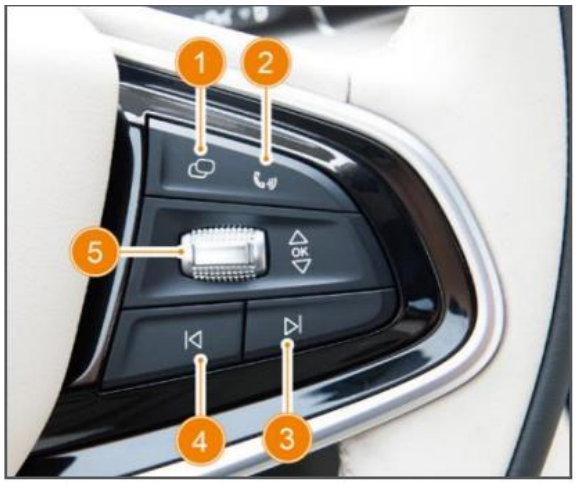
4. Custom button 2

5. Custom button 1



Click [Vehicle Control] - [Driving Experience] - [Square Control Button Customization] in the infotainment system homepage navigation bar to set the custom button function.

Steering wheel right button



1. Combination instrument switch key

2. Voice assistant button*

3. Next song

4. Previous song

5. Up/Down selection/OK key

(1) Toggle this button up and down to adjust the multimedia volume.

(2) Press the OK key to confirm or deactivate the currently displayed text reminder interface.

Inside rearview mirror

Hold the right side of the inside rearview mirror and adjust the mirror body up, down, left and right until the rear view can be fully seen from the mirror surface.

Caution
Due to the structural limitation of the inside rearview mirror, when adjusting the inside rearview mirror, please be sure to adjust it gently and slowly to prevent excessive adjustment, which may cause the mirror body to come out.

Anti-glare adjustment of the inside rearview mirror

Gently pull the tab on the bottom edge of the inside rearview mirror to switch the reflection state of the mirror to prevent glare. When the rear strong light shines on the inside rearview mirror, it can reduce the impact of the strong light on the driver.

△Warning

- Do not hang heavy objects on the inside rearview mirror or shake or drag it with force.

△Warning

- Do not adjust the inside rearview mirror during driving. Otherwise, accidents may be caused due to misoperation, resulting in serious casualties.

Outside rearview mirror

Electric adjustment of outside rearview mirror

1. Electric adjustment switch of left outside rearview mirror

2. Electric adjustment switch of right outside rearview mirror

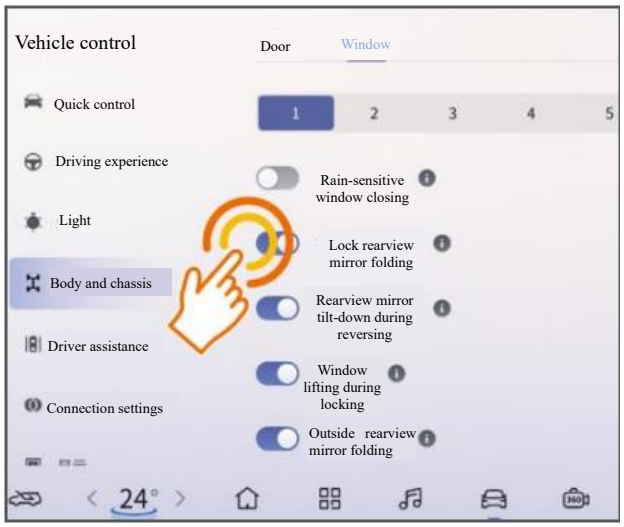
Select the outside rearview mirror adjustment switch on the corresponding side to adjust the mirror angle.

Press the mirror adjustment switch up, down, left and right to adjust the outside rearview mirror to the best viewing angle.

Folding and unfolding of outside rearview mirror

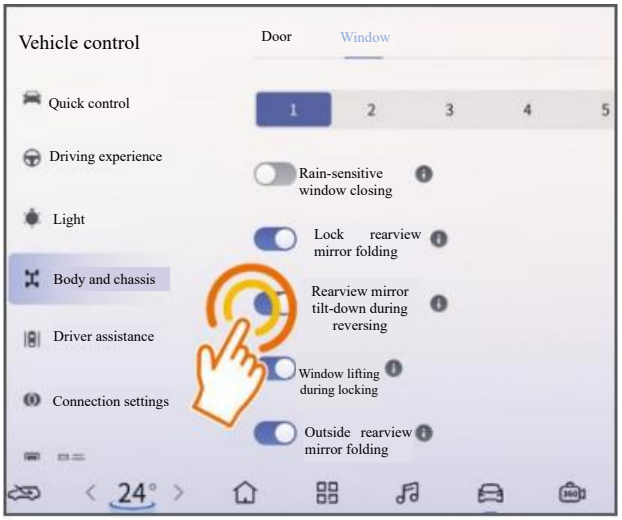
In the intelligent control theme interface, click the rearview mirror folding switch on the infotainment system homepage to control the folding or unfolding of the outside rearview mirror.

Automatic folding and unfolding*



Click [Vehicle Control] - [Body and Chassis] - [Window] in the infotainment system homepage navigation bar to turn on the [Lock the Vehicle and Fold the Rearview Mirrors] function, when the vehicle is powered off and all four doors are closed, press the locking or unlocking buttons on smart key to automatically fold or unfold the outside rearview mirrors.

Automatic outside rearview mirror tilt-down during reversing*



Click [Vehicle Control] - [Body and Chassis] - [Window] in the infotainment system homepage navigation bar to turn on the [Rearview Mirror Tilt-down During Reversing] function. When the vehicle is reversing, the outside rearview mirror can automatically tilt down to a certain angle to facilitate the driver to check the road conditions.

Heating and defrosting of the outside rearview mirror

After the vehicle is powered on, click the rear defrosting/ outside rearview mirror heating button on the A/C control panel to turn on or off the defrosting function, which can remove fog, frost and light ice on the outside rearview mirror.

Outside rearview mirror memory function*

For the specific operation method of the outside rearview mirror memory function, please refer to the "Personal Center" - "Personalized Memory*" in the chapter "Infotainment System".

Caution

•Before driving, in order to ensure driving safety, it is necessary to ensure that the outside rearview mirror is reset before adjusting the mirror angle.

•Do not adjust the outside rearview mirror while driving.

•If the outside rearview mirror is not folded or unfolded, the outside rearview mirror may be not reset after being collided. It is necessary to manually 1 push the mirror forward until a "click" sound is heard, and then operate the outside rearview mirror to fold or unfold it two or three times.

Caution

•If there is snow on the outside rearview mirror, please remove the snow before adjusting the outside rearview mirror to avoid damaging the outside rearview mirror.

Power window

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

Manually open/close the window

Pull up or press down the window switch and hold it to manually control the window to rise or fall.

Automatically open/close window

Pull up or press down the window switch to the limit position and then release it. The window can automatically rise or fall. If you need to stop it halfway, pull up or press this switch again.

Remotely open/close the window

After the vehicle is powered off, press and hold the unlocking button on the smart key. Then the four windows will be lowered at the same time until they are fully opened; When the four doors and the back door are closed, press and hold the lock button on the smart key. Then the four windows will rise at the same time until they are completely closed.

Window lock switch

To prevent children from accidentally opening or closing the window, pressing the window lock switch disables the switch operation of the front passenger side window and rear window. At this time, the window can only be controlled by the driver. If you need to restore it, press this switch again.

Window thermal protection

If the window is operated repeatedly in a short period of time, the motor protection function will be triggered, which will cause the power window control switch to fail. To restore the window operation, wait for a while and then operate it again.

Rain-sensitive window closing*

When the vehicle is powered off and the anti-theft function is activated, the window will be automatically closed when rain is detected.

Window anti-pinch protection

If the window encounters an obstacle and is subject to a certain resistance during the closing process, the window will stop closing and run in the opposite direction for a certain distance. The automatic anti-pinch function also works in the event of an impact or similar to a window obstacle.

Activation conditions of anti-pinch power window

Power window should first complete initialization learning, and anti-pinch function will be activated when

power window has the automatic rising function.

Window initialization

When the following conditions occur, the power window with anti-pinch function needs to be initialized for learning so that it can be used normally.

1. When the 12V low-voltage battery of the vehicle is short of power or the window is rising or lowering when the 12V low-voltage battery is disconnected.

2. After the door control module flashes the software.

3. When the window mechanism is replaced, such as the replacement of the regulator, rubber strip, glass, water cut, guide groove and other parts that affect the window lifting stroke.

4. When the door guard and door control module are replaced.

Initialization learning steps

1. Pull up the window switch and hold it until the window is completely closed, and then continue to hold it for more than 2 seconds.

2. Press down the window switch and hold it until the window is fully opened, and then continue to hold it for more than 2 seconds.

3. Pull up the window switch again until the window is closed.

4. The initialization learning ends.

The above steps need to be operated continuously to ensure successful learning. If the power window still does not work properly after the above operation, please contact the Forthing Special Service Station.

Caution

- When operating the window, make sure that it will not pinch any part of the passenger's body.
- Do not allow children to operate the power window.
- Do not test the anti-pinch function by intentionally clamping any part of the body.
- If an object is pinched when the window is about to be fully closed, the anti-pinch function may not work.
- When the door is opened, the window can be lowered slightly and automatically. Before closing the door, if you need to manually lift the window, please ensure that the window is in the slightly lowered position. If the window is at the highest point when closing the door, it may cause glass position deviation or rubber strip wear. Please contact the Forthing Special Service Station at this time.
- Do not lean against the top of the window or press down the window with the door open, which may cause the glass to sink or deflect, so that the door and window cannot be opened and closed normally. In this case, please contact the Forthing Special Service Station.
- In cold and humid environment, the power window may not work properly due to freezing.

Sunroof

Panoramic sunroof

The panoramic sunroof adopts integral glass and cannot be opened.

Caution

- There are decorative sealing strips around the sunroof glass and front and rear windshields. Please keep away from the sealing strips to avoid scratching when applying the film or washing the vehicle.
- Do not use sharp objects to scratch the glass or the sealing strip around the glass.

Light

Exterior light

1. Turn signal/windshield wiper switch

Adjustment of turn signal/windshield wiper switch

1. Right turn signal lamp
2. Left turn signal lamp
3. High beam flashes
4. Low beam
5. High beam

Turn signal lamp adjustment

After pulling the turn signal/windshield wiper switch upward to the first gear, the right turn signal lamp flashes three times and then goes out, and the handle is automatically reset; After toggling it up to the second gear, the right turn signal lamp flashes continuously.

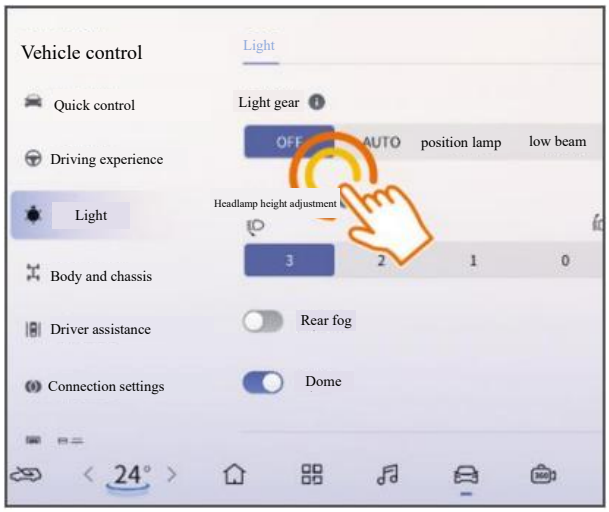
After toggling the turn signal/windshield wiper switch downward to the first gear, the left turn signal lamp flashes three times and then goes out, and the handle is automatically reset; After toggling it down to the second gear, the left turn signal lamp flashes continuously.

Daytime running lamp

The daytime running lamp is mainly used during the day and can be automatically lit to enable other drivers to see your vehicle more clearly and ensure driving safety.

Adjustment by infotainment system

Method 1: In the intelligent control theme interface, click the light adjustment button on the left side of the car model to select the light position as OFF, automatic light, position lamp or low beam.



Method 2: Click [Vehicle Control] - [Light] - [Light] - [Light Position] in sequence in the infotainment system homepage navigation bar to select light and adjust the height of headlamp.

High/low beam switching

Select [Low Beam] in the light gear of the infotainment system, push the turn signal/windshield wiper switch forward to the limit position. Then, the high beam is turned on, and the lever returns automatically; After pushing it forward to the limit position, the high beam will be turned off.

Automatic lighting

When [AUTO] is selected on the light position of the infotainment system, the position lamp and low beam will be automatically turned on or off according to the ambient brightness.

Position lamp

When the light switch is in ATUO position and the system detects that the ambient light intensity is low, if you press the smart key unlocking button to unlock the door, the position lamp will automatically light up; The position lamp goes out after locking, vehicle starting or sleeping. The position lamp can also be turned on or off directly on the infotainment system.

Rear fog lamp

When the low beam is on, click [Light] - [Rear Fog Lamp] in the infotainment system to turn on or off the rear fog lamp.

Headlamp height adjustment

When the vehicle is carrying heavy loads, the rear of the vehicle will sink, raising the low beam and therefore affecting the driver's sight and causing safety hazards. At this time, you should find a safe place to park, and then adjust the headlamp height.

The specific methods are as follows:

1. Turn on the headlamps when the vehicle is powered on.

2. Click [Vehicle Control] - [Light] in the infotainment system homepage navigation bar to find [Headlamp Height Adjustment].

3. Select the headlamp height adjustment option according to the actual situation. There are 4 positions.

Exterior lamp signal*

Click [Vehicle Control] - [Light] - [Light] - [External Lamp Signal] in the infotainment system homepage navigation bar to turn the external lamp signal on or off.

After the function is turned on, the external light of the vehicle can flash or light up according to different scenes, including: key approaching welcome*, unlocking welcome, locking farewell, parking waiting and charging prompt.

The specific lamp signal modes are as follows:

Light signal	Triggering mode	Lamp signal description

mode		
Key approaching welcome *	You carry a Bluetooth key or smart key into the automatic unlocking area.	The external lights are lit according to a certain rule to welcome the driver to use the vehicle.
Unlocking welcome	The driver door is opened.	The external lights are lit according to a certain rule.
Locking farewell	You press the locking button on the smart key or lock the vehicle through Forthing APP.	The external lights are lit according to a certain rule to welcome the driver and passengers.
Parking waiting	The vehicle is in READY state and the vehicle is in P position or AUTO HOLD is valid for 3 seconds.	The external lights are lit according to a certain rule to greet the surrounding vehicles.
Charging tips	The charging gun is plugged and charging starts.	The external lights are lit according to a certain rule, indicating that the vehicle is being charged.

Interior light

Interior lamp

The interior lamp has the function of delayed extinguishing.

Front interior lamp

1. Left front interior lamp

2. Right front interior lamp

Touch the left/right interior lamp of the front row to turn on or off the interior lamp of the corresponding side of the front row.

Rear interior lamp

The rear interior lamp is located below the rear handle. Press the left/right interior lamp switch to turn on or off the corresponding interior lamp.

Click on infotainment system homepage navigation bar Click [Vehicle Control] - [Light] - [Light] - [Dome Lamp] n the infotainment system homepage navigation bar to turn the interior lamp door control switch on or off. When this switch is turned off, the interior lamp will light up or go out with the opening and closing of four

doors.

Ambient light *

Ambient light can create a night atmosphere in the vehicle and assist in interior lighting.

Interior ambient light includes dashboard ambient light and door ambient light (some models). The ambient light goes on or off with the position lamp.

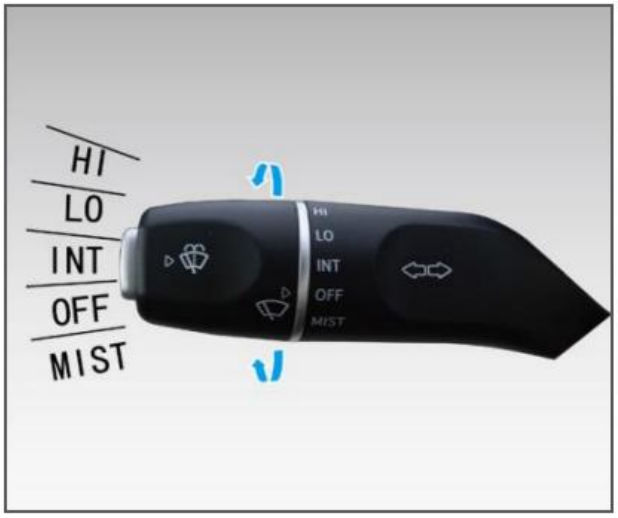
Trunk lamp

When the tailgate is opened, the trunk lamp will automatically light up. After the tailgate is closed, the lamp will go out automatically.

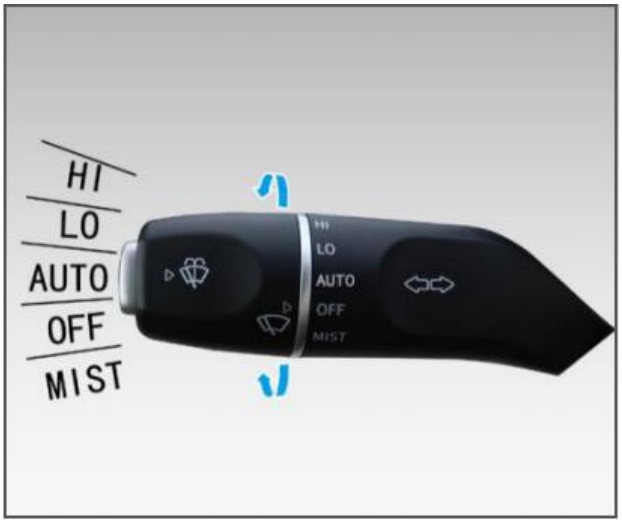
Wiper

1. Turn signal/windshield wiper switch

Front manual wiper



Front automatic wiper *



HI: High speed wiping.

LO: Low speed wiping.

INT: Intermittent wiping.

AUTO*: Automatic wiping.

OFF: The wiper is turned off. This position is the default position.

MIST: Wiper inching. After you rotate the left part of the turn signal/windshield wiper switch to the "MIST" position, the wiper will move once. The turn

signal/windshield wiper switch will automatically be reset after releasing.

Caution

- Before using the wiper in winter, please remove the ice and snow on the front windshield and confirm that the wiper blade is not frozen on the windshield.

Caution

- Do not use the wiper when the front windshield is dry; otherwise, the front windshield will be scratched and the service life of the wiper blade will be affected.
- If there is dust or sand on the front windshield, please clear it before using the wiper; otherwise, it will scratch the front windshield and affect the service life of the wiper blade.

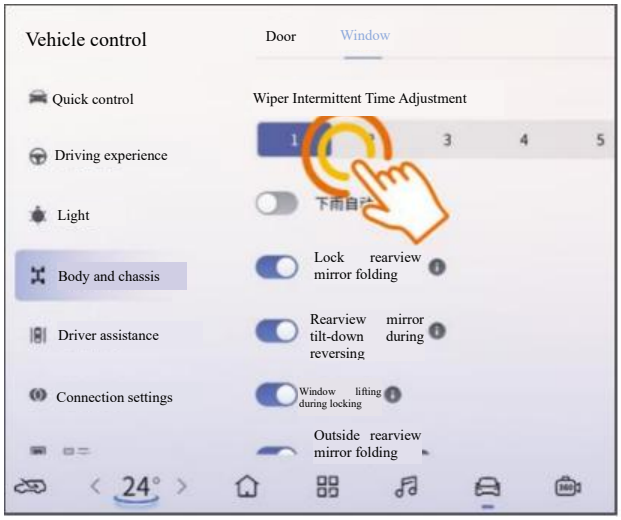
Rotate the left part of the turn signal/windshield wiper switch to the "AUTO" position. When the automatic wiping function of the wiper is turned on, the wiper may work under the following conditions, which is normal:

- The vehicle passes through areas with obvious changes in light, such as trees, overpasses, etc.
- Foreign matters such as leaves fall in the sensor area.
- The vehicle passes through dusty areas, for example, it follows a large vehicle or passes through construction sections.

The following conditions may cause the automatic wiping function to fail:

- Foreign matters are attached to the surface of the rainfall sensor.
- Other electronic equipment installed or connected to the vehicle may also affect the function of this system.

Adjust the wiper intermittent time through the infotainment system



Click [Vehicle Control] - [Body and Chassis] - [Window] - [Wiper Intermittent Time Adjustment] in the infotainment system homepage navigation bar to adjust the wiper intermittent time. The larger the value, the longer the wiper intermittent time and the slower the wiping speed.

Adjust the wiping sensitivity through the infotainment system*

Rotate the left part of turn signal/windshield wiper switch to the "AUTO" position, and click [Vehicle Control] - [Body and Chassis] - [Window] - [Wiper Sensitivity Adjustment] in the infotainment system homepage navigation bar to adjust the automatic wiper sensitivity. The larger the value, the higher the

sensitivity of the wiper, and the faster the wiping speed.

Front windshield washing

If you press the front wiper spray button, the front windshield washer will work and spray water, and the wiper will work at the same time.

Type-C interface

The Type-C interface can only work when the vehicle is in "ON" position or READY state.

Lower Type-C interface of console

Rear Type-C interface of console

The Type-C power supply interface supports charging of mobile phone, tablet and laptop (the charging equipment interface shall be Type-C interface).

Caution

- The maximum charging power is 18 W. Do not insert high-power electrical appliances to avoid fire.
- When plugging and unplugging the data cable, try to keep the plugging direction in the same direction as the Type-C interface, and do not tilt it to avoid damaging the Type-C interface.

12V on-board power supply

The 12V power outlet can only work when the vehicle is in "ON" position or READY state.

Console front power outlet

The 12V power outlet is located under the console.

Caution

- When the power outlet is not in use, please cover the dust cover tightly.
- The maximum output power of 12V power outlet is 120 W. Do not insert high-power electrical appliances to avoid fire.
- The 12V power outlet is only used for power supply. Please do not insert cigarette lighter into the 12V power outlet socket to avoid fire caused by short circuit.
- Do not allow children to use or touch the 12V power outlet.
- Do not insert metal foreign matters into the power supply port to avoid fire caused by short circuit.

USB media source interface

The USB media source interface is located under the console and is used for data transmission, charging, etc.

Wireless charging*

The wireless charging device is located on the left side of the front of the console. It can be used for charging the portable charging equipment (such as mobile phones) that support wireless charging.

Before charging, please ensure that there are no other items in the wireless charging area. When the vehicle is in the "ON" position or "READY" state, place the portable charging equipment to be charged in the rear part of the charging area, and judge whether the charging is successful according to the charging state

indication of the portable charging equipment.

The charging will stop automatically after the charging is completed. If you need to stop charging during charging, just move the portable charging equipment being charged away from the wireless charging device.

Caution

- The portable device to be charged, whether the device itself or the external wireless charging case, must comply with the national wireless charging standard.
- The wireless charging device can only support one portable charging equipment for charging at a time.
- The maximum wireless charging power is 50 W.
- Please place the portable charging equipment centrally on the bottom of the wireless charging panel on the console.

A/C system

Automatic A/C

1. A/C temperature control switch
2. Cooling, heating and ventilation button
3. A/C air volume adjustment switch
4. A/C setting button
5. Rear defrosting/outside rearview mirror heating button
6. Front defroster button
7. AUTO button
8. A/C system switch button
9. Circulation mode switching button
10. Blowing mode switching button

Turn on and off the A/C

Click the A/C system switch button to turn on or off the A/C.

Automatic or manual control mode selection

Click the AUTO button to switch the control mode.

Adjust the temperature

Slide the A/C temperature control switch up and down to adjust the temperature.

Adjust the air volume

Slide the air volume adjustment switch left and right to adjust the air volume, and the air volume increases from left to right.

Blowing mode switching

Click the air blowing mode switching button to select the desired air blowing mode, which are: panel, panel/floor,

floor, floor/defrosting, panel/defrosting, and panel/floor/defrosting mode.

Rear defrosting/outside rearview mirror heating

Click the rear defrosting/ outside rearview mirror heating button to turn on or off this function, which can remove fog, frost and light ice on the rear windshield glass and outside rearview mirror.

Front windshield defogging

Click the front defrosting button to turn on or off the front windshield defrosting/defogging function, which can clear the fog or frost on the front windshield when turned on.

Circulation mode

Click the circulation mode switching button to switch between different circulation modes. When passing through areas with a lot of smoke and dust, it is recommended to choose the internal circulation mode.

A/C settings

Click the A/C setting button to turn on or off the A/C energy saving and Bluetooth reduced air volume functions.

A/C energy saving

Turn on the A/C energy-saving function to reduce the power consumption of the A/C. When the A/C works for heating, the temperature drops by 5°C; When the A/C works for cooling, the temperature rises by 3°C; In ventilation mode, the temperature does not change.

Air volume reduction by Bluetooth

Turn on the function of the air volume reduction by Bluetooth. After the infotainment system is connected to the Bluetooth phone, the A/C air volume will be automatically reduced to ensure the call quality: if the A/C air volume is greater than 3rd position, it will be automatically reduced to 3rd position; If the A/C air volume is in the 1st, 2nd or 3rd position, the air volume will remain unchanged.

Air outlet position

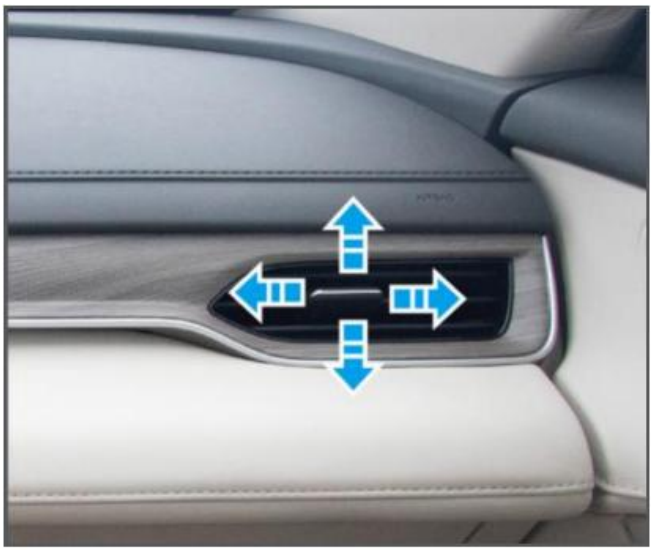
Front air outlet

1. Side windshield defogging air outlet
2. Front windshield central air outlet
3. Right air outlet
4. Front foot air outlet
5. Central air outlet
6. Left air outlet

Rear air outlet

1. Rear middle air outlet

Adjustment of air flow and direction



Move the middle grille of the left and right air outlet up and down, left and right to change the wind direction.

Roll the scroll wheel up and down to open and close the rear middle air outlet, and move the middle grille of the air outlet up, down, left and right to change the air direction.

Infotainment system

Notice to Users

1. When using the infotainment system (hereinafter referred to as "the system"), please read the relevant operating instructions carefully. If the system is damaged due to failure to follow the operating instructions, the warranty service will not be available.

2. Some operating instructions will be slightly different due to different vehicle configurations and system version updates. Please refer to the actual vehicle.

3. Do not operate the infotainment system while the vehicle is in motion, otherwise there is a risk of accidents and casualties.

4. The driver must comply with relevant regulations when using this system, and must park the vehicle in a safe place before operating, such as entering or changing the destination. In addition, according to regulations, after reaching a certain speed, in order to ensure your driving safety, the system will not display certain functions.

5. If the operation is too frequent, the system may take a while to respond. Be patient and do not operate repeatedly.

6. If the system is abnormal, do not repair it by yourself, but contact the Forthing Special Service Station for maintenance in time.

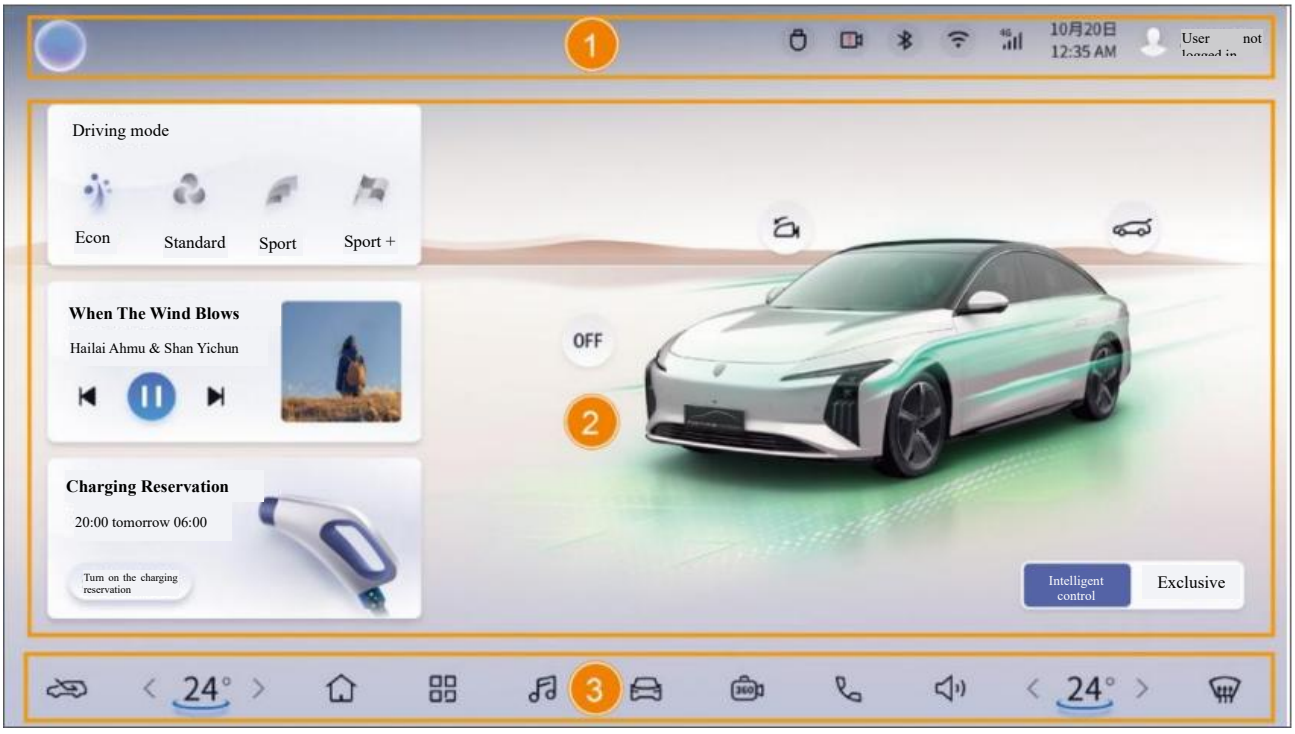
7. When the vehicle is not started, do not use the system for a long time to avoid running out of the 12V low-voltage battery power.

8. Do not touch, rub or knock the infotainment system with sharp objects, and do not splash liquid on the infotainment system, which may cause damage to the infotainment system.

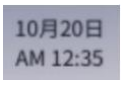
9. Do not paste metal film on the front windshield surface, which may cause some functions in the network and navigation to fail.

10. The use of navigation and network functions may be affected in areas with weak network signal such as remote areas, mountainous areas, tunnels or underground parking lots. After leaving these areas, the network signal will be restored automatically.

Homepage



1. Status area: It displays voice interaction status, dialogue words, intelligent prompts and some function icons:

Icon	Description
	USB plugged in, not displayed when not plugged in
	The system muted, not displayed in the unmuted state
	Bluetooth connection status, click to display Bluetooth shortcut operations
	WIFI connection status and signal strength, click to display the available WIFI information
	Date and time

2. Content area: It displays the content of different theme interfaces. The left side is 3 commonly used function cards. Each theme has exclusive functions in the scene (that is, the first function card on the left side is not editable). Press and hold the second and third function cards to activate and enter the editing state, switch to other function cards that need to be displayed, and click the theme name in the lower right corner of the content area to switch the theme display.

3. Navigation bar: It displays shortcut functions, press and hold the icon in the middle area, and after activation, it can be edited and replaced with the icon of other functions:

Icon	Description
	It displays the A/C status and fast temperature adjustment, click and swipe up to enter the A/C setting interface
	Click to return to the homepage
	Click to display all applications
	Click to enter the multimedia page
	Click to enter the vehicle settings page
	Click to enter the surround view interface
	Click to enter the Bluetooth phone interface
	Click to quickly adjust the volume

Theme Introduction

Intelligent control theme

With 3D car model as the background, you can quickly control the lamps, outside rearview mirror and liftgate. Click the car model to enter the [Vehicle Control] interface.

Exclusive theme

You can customize wallpaper and quickly switch scenario modes. Click [Vehicle Control] - [Display] - [Wallpaper Settings] in the infotainment system homepage navigation bar to change the wallpaper.

Pull-down menu

The pull-down menu can be called up by swiping down at the top of the infotainment system.

1. Quick switch control area

Rear fog lamp: click to turn on/off the rear fog lamp.

Dome lamp: click to turn on/off the dome lamp.

Screen off: Click to turn off the infotainment system screen.

Low-speed driving sound: Click to turn on/off the low-speed driving sound.

AUTO HOLD: Click to turn on/off the AUTO HOLD.

HDC: Click to activate/deactivate the HDC.

Night mode: Click to switch between night and day modes.

Front radar: Click to turn on/off the front radar.

2. Sound and brightness adjustment area

Volume adjustment: Swipe left and right to adjust the volume.

Instrument brightness adjustment: Swipe left and right to adjust the brightness of the instrument cluster.

Central control brightness adjustment: Swipe left and right to adjust the brightness of the infotainment system.

3. Message area

It displays all messages.

4. Click to view the message details.

A/C settings

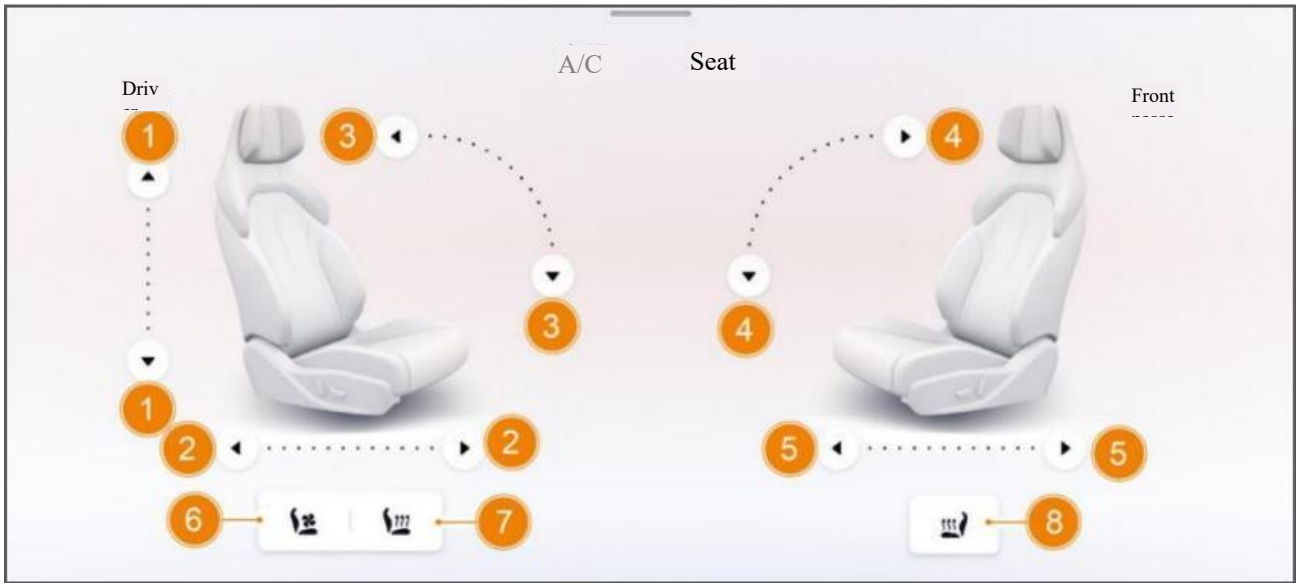
Click < 24° > icon in the infotainment system homepage navigation bar to enter the A/C setting interface.

Due to the difference in vehicle configuration, the A/C details page may be different. For details, please refer to the

"A/C system" in the chapter "Basic Function Operation".

Seat settings*

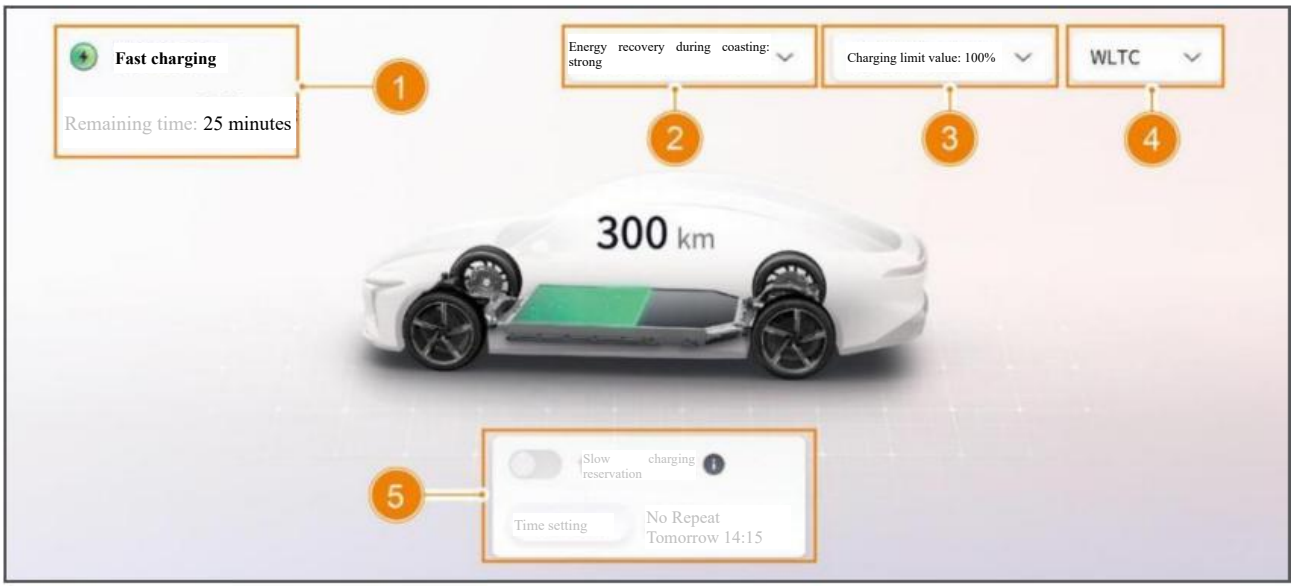
The seat setting page can be accessed through the A/C setting page, where the seat height, backrest angle, seat ventilation and seat heating can be adjusted.



1. Driver seat height adjustment button
2. Driver seat fore-and-aft adjustment button
3. Driver seat backrest angle adjustment button
4. Front passenger seat backrest adjustment button
5. Front passenger seat fore-and-aft adjustment button
6. Driver seat ventilation on/off and position adjustment
7. Driver seat heating on/off and position adjustment
8. Front passenger seat heating on/off and position adjustment

Energy Center

Click the icon in the infotainment system homepage navigation bar to enter the App Center, find the energy center, and click to enter.

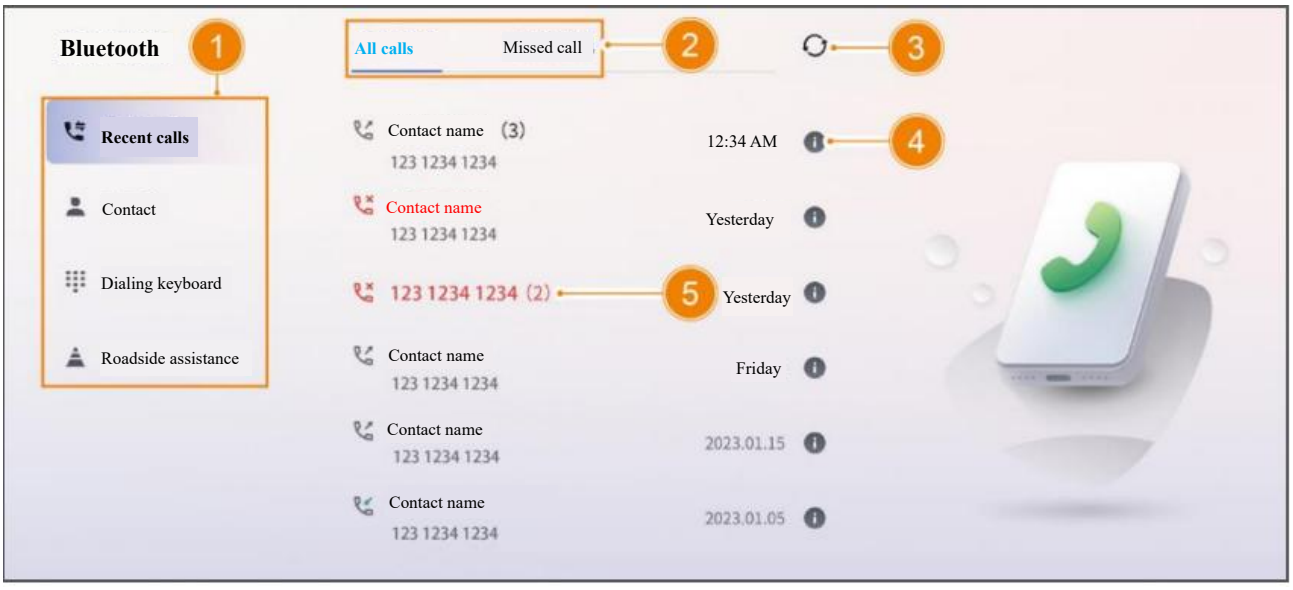


1. It displays the remaining time of charging.
2. Energy recovery during coasting setting: No, Comfort, Strong can be selected.
3. Charging limit setting.
4. Endurance standard switching: CLTC and WLTC can be selected.
5. Slow charging reservation: turn on the slow charging reservation and set the time.

Bluetooth Phone

Click the icon in the infotainment system homepage navigation bar to enter the Bluetooth call interface.

Recent calls



1. Click to switch to view recent calls, contacts, dialing keyboard, roadside assistance, and use related functions.

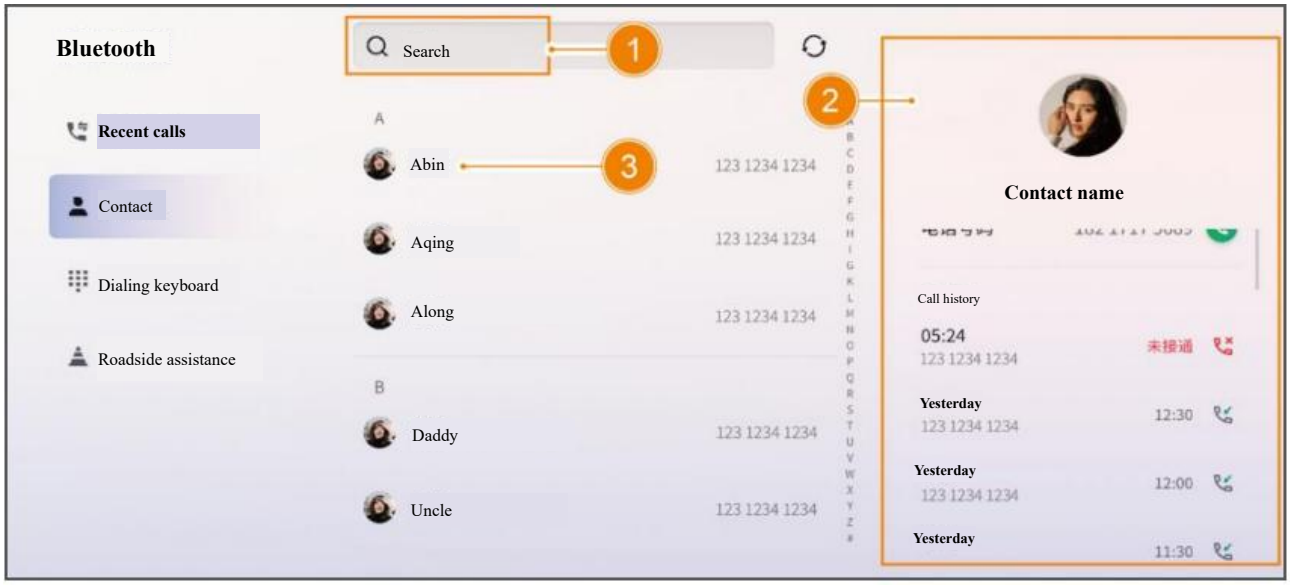
2. Click to switch all calls/missed call records.

3. Click to synchronize.

4. Click to view the contact call history details.

5. In the call history list, scroll up and down to view the call history, and click any contact to make a call.

Contacts interface



1. Contact search function: Click to enter keywords to search for saved contacts.

2. Contact details: It displays the profile picture and number of the contact, and click the call button after the number to make a call.

3. Contact list: Swipe up and down to view the address book, and click any contact to display the details.

Dialing keyboard

Dialing keyboard: Direct dialing and search for contacts.

Multimedia

Click the icon in the navigation bar at the bottom of the infotainment system to enter the multimedia interface.

Bluetooth music

1. Click to switch between Bluetooth music, USB music and USB video.

2. Bluetooth music information display area: Display the song name and singer name.

3. Progress bar control: Swipe left and right to adjust the progress bar.

4. Sound effect adjustment: Click to enter the sound effect adjustment interface.

5. Bluetooth music playback control: Play/pause, previous/next track switching.

USB music

1. List switching: Click to switch between the audio-only list and the folder list.

2. Music list: Swipe up and down to view the list, and click the music file to play it.

3. Progress bar control: Swipe left and right to adjust the progress bar.

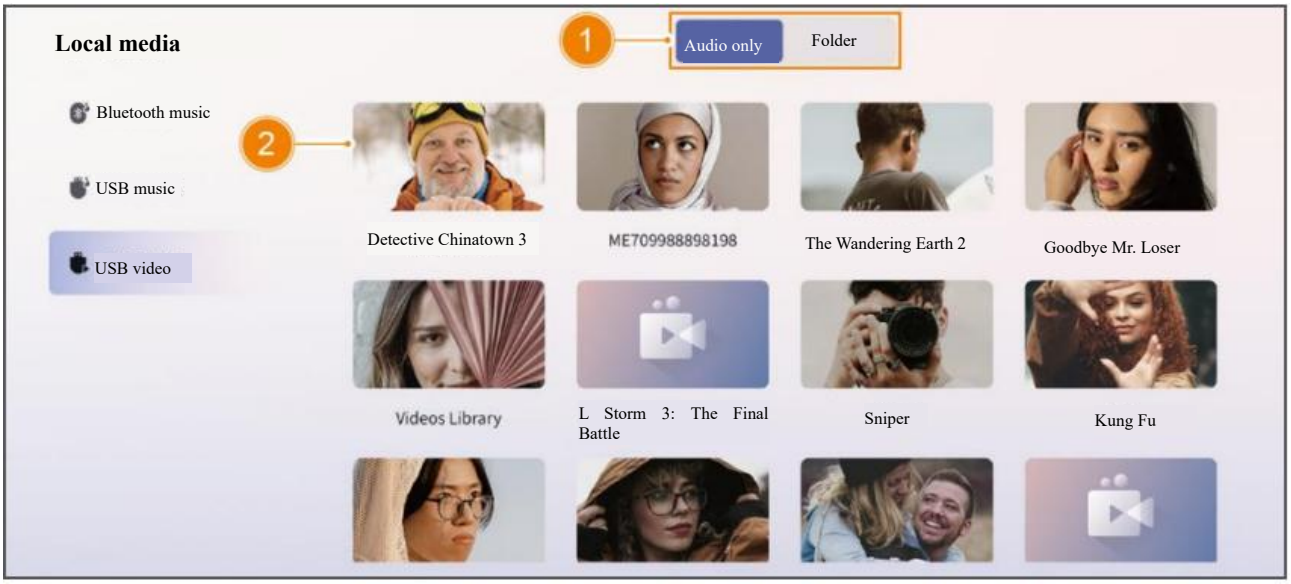
4. Sound effect adjustment: Click to enter the sound effect adjustment interface.

5. USB music playback control: Switch between play/pause, previous song and next song.

6. Cycle mode switching: click to switch between single cycle, list cycle and random play mode.

7. USB music information display area: It displays the song name and singer name.

USB video



1. List switching: Click to switch between the video-only list and the folder list.
2. Video list: Slide up and down to view the list, and click the video file to play it.

Radio

1. FM/AM switching: Click to switch the FM/AM frequency band.
2. List switching: Click to switch all radio stations and favorite radio stations.

3. Radio station list: Display all radio stations and favorite radio station list.

4. Search: Click to search for the favorite radio station.

5. Playback control: from left to right: Click to switch to the previous frequency band, pause/play, and switch to the next frequency band.

6. Favorite radio station: Click to favorite the currently playing radio station.

7. Radio band bar: Swipe left and right to switch frequency bands.

8. Radio station information: It displays the frequency band of the current radio station.

Personalized memory*

Switching the personalized memory requires that the vehicle is in P position.

1. Click to save the memory.

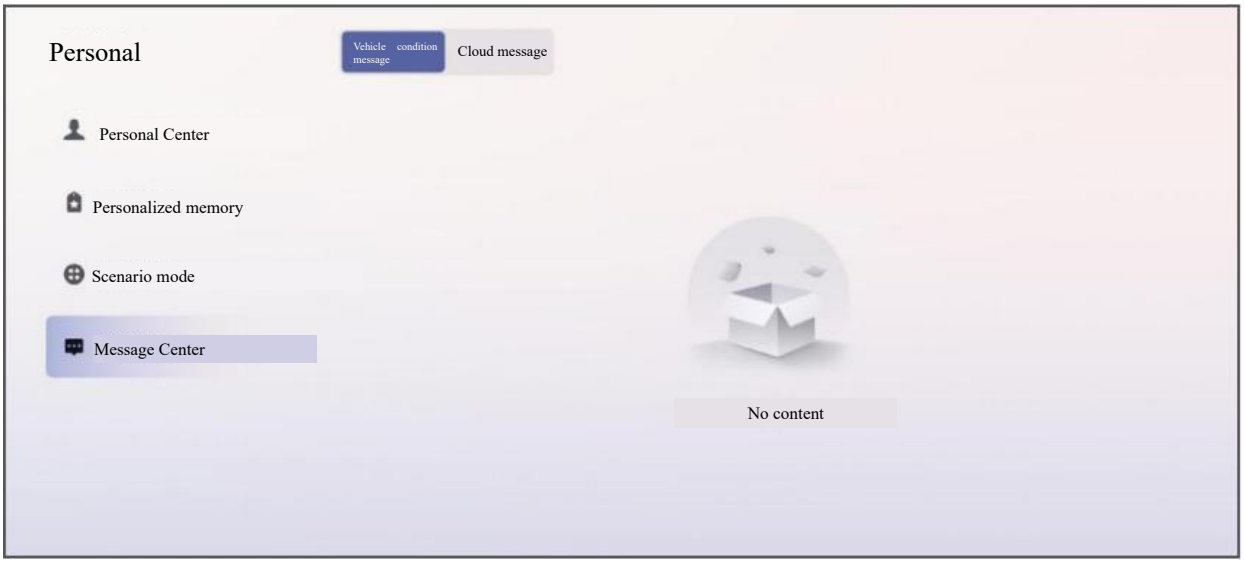
2. Click to apply this mode.

3. Click to enter the editing interface.

4. Click to add the memory.

5. Click to delete the memory.

Message Center



On this interface, you can view vehicle condition messages and cloud messages.

Vehicle control

Click the icon in the infotainment system homepage navigation bar to enter the vehicle control interface.

1. Click to switch to view and enter the quick control, driving experience, light, bodywork and chassis, ADAS, connection settings, display, maintenance reservation, factory and upgrade interfaces and make settings. You can click the button behind the setting item to view the function configuration description to understand the specific function of each setting item.

Scenario name	Including function setting name

Driving experience	Driving mode, brake pedal force adjustment, ESC OFF, AUTO HOLD, HDC, convenient getting on and off, energy recovery during coasting, comfort stop, car washing/towing mode, steering feel mode setting, and square control button customization
Light	Light position, headlamp height adjustment, rear fog lamp, dome lamp, pedestrian alarm
Body and chassis	Locking feedback, liftgate angle adjustment*, automatic unlocking and locking, wiper sensitivity adjustment*, automatic window closing in rain*, rearview mirror folding after locking*, rearview mirror tilt-down during reversing*, window lifting after locking, outside rearview mirror folding
ADAS*	FCA, LDA, IHC, TSR, LCA, DOW, FCTA, RCTA, RCW, fatigue monitoring, distraction monitoring

Scenario name	Including function setting name
Connection settings	WI-FI, hotspot, Bluetooth
Display	Instrument brightness, console brightness, day and night modes, time system, wallpaper setting, driving video warning
Sound	Volume adjustment, sound effect setting, alert tone, ambient sound effect
Voice settings*	Voice wake-up, wake-up free duration, speaker, sound source positioning, voice-to-text
Maintenance reservation	Vehicle inspection, peripheral service station
Ex-factory and upgrade	Check for updates, make a reservation for upgrade, restore ex-factory settings, and reset the wireless terminal

2. Driving mode setting: Economy, Standard, Sport, Sport+ can be selected.

3. Energy recovery setting: No, Comfort, Strong can be selected.

4. Common function setting: Click to turn on or off the rear fog lamp, dome lamp, AUTO HOLD, HDC and ESCOFF.

5. 3D vehicle control: click to turn on or off the rear fog lamp, liftgate, fold or unfold the outside rearview mirror.

Bluetooth key*

Precautions for using Bluetooth key

1. Before activating and using the Bluetooth key service, please read carefully and make sure that you have fully known and understood the instructions in this section.

2. After the Bluetooth key service is activated, please use it according to the instructions in the User Manual. In case of any software or hardware fault, please go to the Forthing Special Service Station for inspection.

3. Some models of smart mobile phone may be incompatible with the Bluetooth key, which may be due to differences in the support of digital key services in the operating system by the smart mobile phone manufacturer. We will continue to optimize the compatibility of the Bluetooth key with different mobile phone, but we cannot guarantee the compatibility with all smart mobile phone, operating systems and other factors. The compatibility issue is not within the scope of our service commitment.

4. The compatibility of smart mobile phone and environmental interference (such as electromagnetic interference) will affect the keyless entry and vehicle control functions of the Bluetooth key. When the Bluetooth key fails to unlock or lock, try to adjust the distance between the mobile phone and the door and outside rearview mirror. When the keyless start fails with the bluetooth key, try to make the mobile phone as close to the console as possible. The mobile phone used to log in with the owner's account can support keyless entry and start function after the mobile phone Bluetooth is connected to the vehicle, but its performance is greatly affected by the mobile phone and environmental interference factors.

5. When the vehicle is in a position other than OFF, the Bluetooth vehicle control function will not be available.

6. If the RKE key or other Bluetooth key (such as authorized Bluetooth key) is in the vehicle, the automatic unlocking, keyless opening or closing of the liftgate function will not take effect.

7. When the Bluetooth key fails to connect to the vehicle, try the following steps:

(1) Reopen the mobile phone Bluetooth and mobile APP, click the mobile APP [Bluetooth Key] switch, and reconnect.

(2) Check whether there are other mobile phones connected to the vehicle. If so, disconnect the other mobile phones and reconnect them.

(3) If you cannot confirm the connection status of the surrounding mobile phone, and there is no available device starting with "DFM" in the list of mobile phone Bluetooth connected devices, you can use the owner's account to click the [Reset Bluetooth key] switch in APP [My Car] - [Settings] to release the Bluetooth pairing relationship between the mobile phone and the vehicle, and then click [Bluetooth key] again to complete the pairing.

(4) If the above steps still fail to solve the problem of the Bluetooth key connecting to the vehicle, please contact the Forthing Special Service Station.

Use the Bluetooth key

When using the Bluetooth key for the first time, it is necessary to perform Bluetooth key activation, Bluetooth pairing and Bluetooth calibration.

Activation

The Bluetooth key activation requires that all of the following conditions are met:

1. The Bluetooth at the vehicle end is successfully paired with the mobile phone end and is in the connected state.

2. The mobile phone needs a good network connection.

3. The vehicle is started.

Operation steps for activation of Bluetooth key:

1. In the network environment, enter the mobile APP, and click [My Car]-[Bluetooth key]-[Go to Activation] in turn.

2. Read the Bluetooth Key Activation Agreement, check "I have read and agree to the agreement" and click [OK].

3. Complete the Bluetooth key activation according to the mobile APP operation instructions.

Pairing

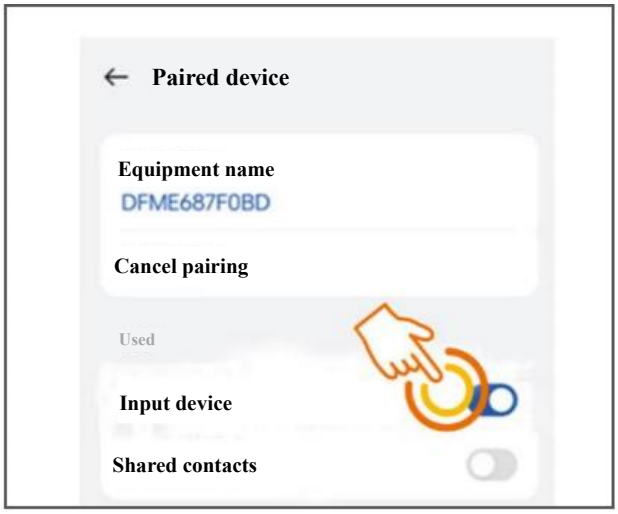
Just like the Bluetooth headset and the mobile phone are paired for the first time, the vehicle Bluetooth and the mobile phone Bluetooth also need to be paired for the first time. Users can complete the pairing of the Bluetooth key according to the operation instructions of the mobile APP. During the pairing, the device name of the Bluetooth key will pop up.

Calibration

In order to give you a better experience, the Bluetooth key needs to be calibrated before use. The calibration steps are as follows:

1. Open the mobile phone APP and click [Settings] - [Bluetooth Calibration] in sequence.

2. Perform Bluetooth calibration according to the mobile APP operation instructions.



3. Bluetooth key connection function setting: some Android mobile phones need to turn on the Bluetooth setting item "input device" switch, and Apple mobile phones do not have this setting. Remember the Bluetooth key device name of the vehicle when pairing.

Bluetooth key vehicle control

When the Bluetooth pairing is successful, the "Bluetooth key" function logo will be highlighted, and the vehicle control functions such as "lock", "window", "liftgate" and "A/C" will be changed from remote vehicle control to Bluetooth vehicle control.

1. Vehicle lock: lock and unlock.
2. Window: fully open window, close window, and slightly open window.
3. Liftgate: open liftgate, close liftgate.
4. A/C: remote cooling, remote heating and stop.
5. Seat (if configured): turn on the seat ventilation, turn on the seat heating, and turn off.

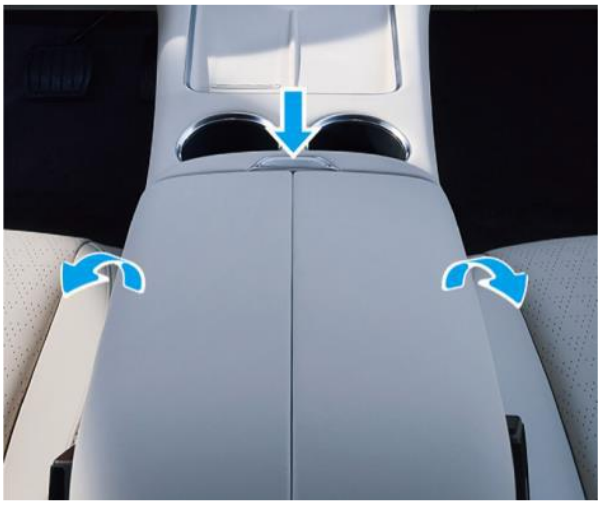
Convenience Devices

Storage Device

Door storage compartment

Door storage compartments are provided on the front and rear door interior trim panels for storage of mobile phones, keys, water cups and other items.

Central armrest box



Press the front buckle of the central armrest box, and the central armrest box will be automatically opened.

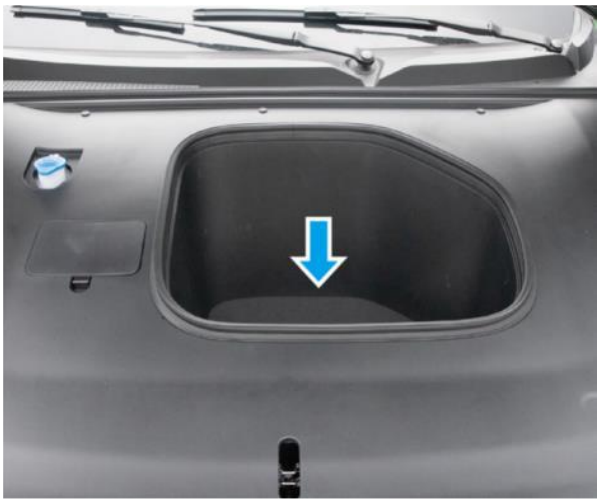
Console storage

There are two storage positions at the front of the console, and the left side of the upper storage bin of some models is a wireless charging device for mobile phone charging. The lower storage slot can store large items such as books.

Glove box

The glove box is located on the right side of the instrument panel and can be used to store documents and data. Pull the glove box handle outward to open it, and push it back to close it.

Front compartment storage box



The front engine compartment is equipped with a storage compartment, which can be used by opening the engine hood.

Seat back publication pocket

The publication bag is located on the back of the front seat and is used to hold small items such as magazines and tissues.

Cup holder

The upper part of the console is provided with a cup holder, which can be used to place water cups, beverages and other drinks.

Caution

When the vehicle is running, do not place the open beverage cup on the cup holder. Otherwise, the hot drink spilled from the cup will scald the driver and passengers, and may also damage the vehicle and electrical equipment in the vehicle.

Other Devices

Sun visor

Turn the sun visor down to block the front sunlight. If you need to block the side sunlight, first disengage the left/right stay bar from the buckle clip, and then turn the sun visor to the side.

Cosmetic mirror

The inside of the sun visor is equipped with a vanity mirror, and some models are equipped with a fill light. Turn down the sun visor and turn down the vanity mirror cover for use.

Top handle

Top handles are designed on both sides of the rear row for occupants to use in special circumstances.

Hook

Instrument panel hook

The left side of the glove box is designed with an instrument panel hook, which can be unfolded by pressing the groove and retracted by pressing the boss.

Coat hook

The rear top handle is equipped with a coat hook.

Caution

- Do not hang hangers or other hard objects on coat hooks. When the side curtain airbag is deployed, these items may pop out and cause injury to passengers.
- The maximum load of the hook is 3KG. Do not hang overweight objects.

Comfortable driving

Start the vehicle

Vehicle power-on/power-off

Click  [Vehicle Control] - [Body and Chassis] - [Door] in the infotainment system homepage navigation bar to turn on [Automatic Unlock].

ON: When you carry smart key into the vehicle's sensing range, the vehicle will automatically unlock. After you open the door, the instrument cluster and infotainment system will light up, and the vehicle will be powered on.

READY: After you enter the vehicle with smart key and press the brake pedal, the READY indicator lamp on the instrument cluster lights up, and the vehicle is now ready to drive. After placing the shift lever in D/R position, release the brake pedal to start driving.

OFF: After the vehicle is parked, press the P button and unfasten driver seat belt. When the driver seat is not occupied, if you close all doors and lock the vehicle with smart key, the vehicle will be automatically powered off. Lock the vehicle through the Bluetooth key or enable the automatic unlocking function, and power off the vehicle after a certain distance away from the vehicle.

 Caution

- The READY indicator lamp is on, indicating that the vehicle is ready for driving. When the vehicle is not in motion, make sure that the vehicle is in P or N position.
- If the READY indicator lamp flashes, there is a door not closed properly. Please check the door closing condition.
- The driving distance of the vehicle is related to the remaining power of the traction battery and the driving power of the vehicle.
- If the outside temperature is extremely low, the traction battery is unavailable at this time, and you must wait until the conditions improve before driving. In this case, the vehicle cannot be started and the READY indicator lamp will not light up. If the vehicle is used in an extremely low temperature environment, please give priority to indoor parking.
- The discharge capacity of the traction battery will be greatly limited at extremely low temperatures. In order to avoid difficulty in starting the vehicle after parking, please keep the traction battery with high SOC when parking the vehicle.
- Please confirm that the vehicle is locked successfully before leaving.

Vehicle fails to start

If you have exited the emergency power-off mode, depress the brake pedal after the vehicle is powered on, and the READY indicator lamp is not on, there may be a power fault affecting the vehicle start or the starting conditions are not met. Please check according to the prompts on the instrument cluster.

1. If the instrument cluster prompts "Battery SOC is low. Please switch to READY" or the instrument cluster cannot be lit, it means that the 12V low-voltage battery power may be used up. Try to use the jump start to start the vehicle. See the "Jump Start" in the "Emergency Self-help Treatment" for details.

2. The instrument cluster prompts "Power System Failure". Please contact the Forthing Special Service Station.

Emergency start

When the vehicle records a DTC and the corresponding fault indicator lamp on the instrument cluster is on, the vehicle cannot be started, and an emergency start method can be tried.

1. Open the engine hood, unplug the 12V low-voltage battery negative cable, and plug in the 12V low-voltage battery negative cable after 30 seconds.

2. If the corresponding fault indicator lamp on the instrument cluster disappears, depress the brake pedal and the READY indicator lamp on the instrument cluster will light up.

3. If the corresponding fault indicator lamp on the instrument cluster does not disappear and the start is unsuccessful, please contact the Forthing Special Service Station as soon as possible.

Emergency power-off

Press and hold the hazard warning lamp switch for more than 4 seconds to turn off the vehicle power supply. After turning off the power of the entire vehicle in this way, you need to press the locking button and unlocking button on smart key in sequence or press and hold the hazard warning lamp switch for 4 seconds again to exit emergency power-off state.

Caution

- During the process of pressing and holding the hazard warning lamp switch for emergency power-off, a related prompt will pop up on infotainment system. At this time, keep pressing and holding the hazard warning lamp switch for a while to shut down the power of the entire vehicle.
- When the emergency power-off state is not exited, the vehicle cannot be started. If the brake pedal is depressed, the vehicle will enter the low power consumption mode.
- In emergency power-off state, the vehicle uses the power of the 12V low-voltage battery. Please remember to close the door in time and exit emergency power-off state as soon as possible to avoid exhausting the power of the 12V low-voltage battery.

Starting the vehicle with the smart key at low battery

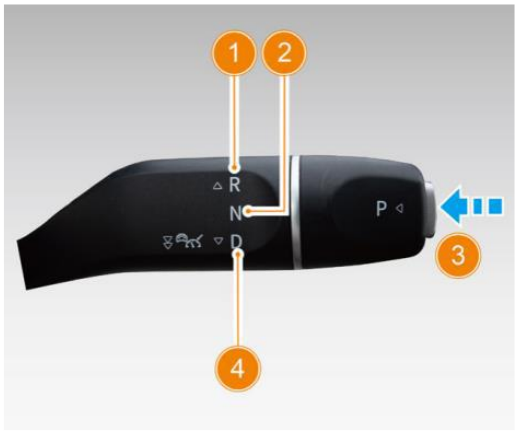
When the smart key has low power and cannot unlock and start the vehicle, you can start the vehicle in any of the following ways:

1. Use the mechanical key to open the driver door, place the smart key in the rear of the left side of the storage compartment above the console, and then depress the brake pedal to start the vehicle (if the smart key power is too low, the key may not be recognized and the vehicle cannot be started).

2. If the mobile APP is bound, the vehicle can be unlocked and started through the mobile APP.

Gear shifting

The shift lever is located on the right side of the steering wheel.



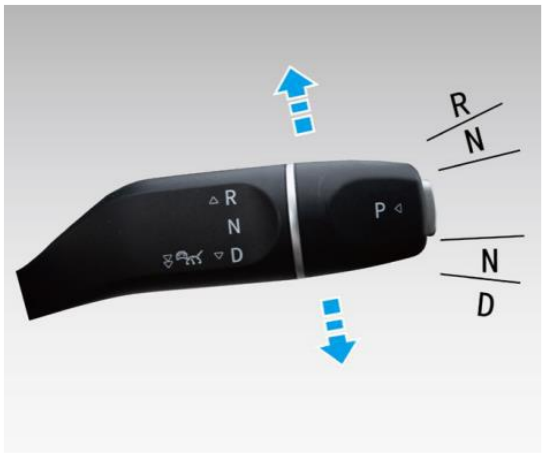
1. R position (reverse position)

2. N position (neutral position)

3. P position (parking position)

4. D position (driving position)

The combination instrument will display the position in which the vehicle is located.



The positions are arranged from top to bottom in the order of R-N-D. Push the shift lever upward or downward in the direction parallel to the steering wheel to switch to R, N and D positions. The shift lever will be automatically reset after each shift operation.

Introduction to positions

P position (parking position)

When the vehicle is started, it is in P position (initial position) by default. Use this position when parking. Be sure to stop the vehicle completely before enabling P position.

D position (driving position)

Use this position when driving forward after the vehicle is started (the READY indicator lamp of the

instrument cluster is on).

R position (reverse position)

After the vehicle is started (the READY indicator lamp of the instrument cluster is on), use this position during vehicle reversing. Be sure to stop the vehicle completely before enabling R position.

N position (neutral position)

When the vehicle is in this position, the drive motor cannot output power and will not support auxiliary parking.

Driving

Shift to P position

Step on the brake pedal and press the P button after the vehicle stops completely.

Shift to R position

Press the brake pedal and push the shift lever up to R position.

Shift to N position

Press the brake pedal, push the shift lever up or down to the N position and hold it for about 1 second.

Shift to D position

Press the brake pedal and push the shift lever down to the D position.

Description of gear shifting conditions

1. When the vehicle is not started, the position can only be in P position, and can only be switched to N position in READY state.

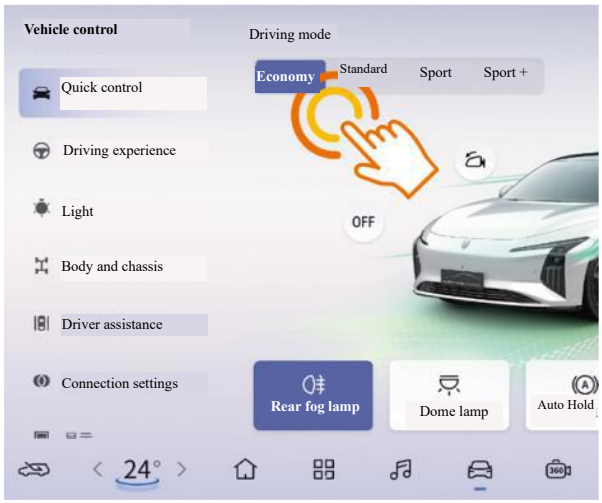
2. To exit the P position, the driver door needs to be closed or the driver's seat belt needs to be fastened. While stepping on the brake pedal, operate the shift lever to exit the P position and enter other positions.

3. To engage R or D position, the instrument cluster READY indicator lamp needs to be on. Depress the brake pedal and operate the shift lever at the same time to engage R or D position.

4. When the actual position is D or R, operate the shift lever to switch to N position and stay for about 1 second, and then switch to N position.

Driving mode switching

The vehicle has four driving modes: economy, standard, sport and sport +.



In the intelligent control theme interface of the infotainment system homepage, click the vehicle model to quickly enter the [Vehicle Control] - [Quick Control] interface, and click [Driving Mode] above the vehicle model for selection.

You can also click [Vehicle Control] - [Driving Experience] - [Driving Mode] in the infotainment system homepage navigation bar for selection.

The vehicle is delivered from the factory in standard mode, and the driving mode has no memory function.

Economy mode (ECO)

If you click the [ECO] button on the infotainment system, the vehicle enters the ECO mode. In this mode, the vehicle power performance will decrease, the A/C power will be limited, the endurance range will increase, and the vehicle will run in a relatively economical and energy-saving state.

NORMAL

If you click the [Standard] button on the infotainment system, the vehicle enters the Normal mode, which takes into account the balance of energy consumption and power to obtain driving comfort.

SPORT

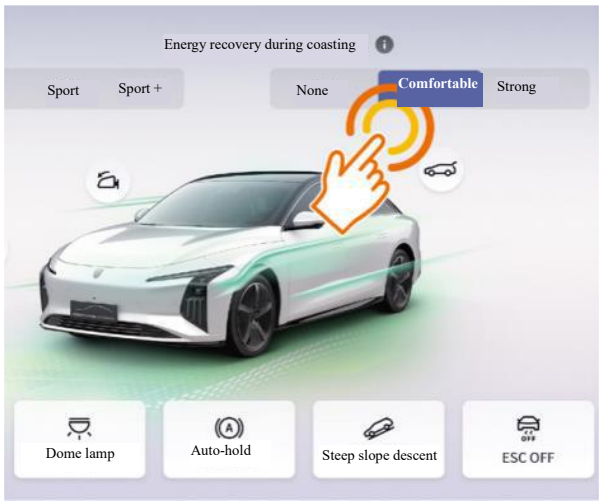
If you click the [SPORT] button on the infotainment system, the vehicle enters the SPORT mode. In this mode, the vehicle power performance is maximized, the power of the A/C is not limited, and the endurance range is reduced.

SPORT+ mode

If you click the [SPORT +] button on the infotainment system, the vehicle enters the SPORT + mode, in which the vehicle acceleration response and performance release are maximized.

Energy recovery

Energy recovery during coasting



In the intelligent control theme interface of the infotainment system homepage, click the vehicle model to quickly enter the [Vehicle Control] - [Quick Control] interface, and click [Energy Recovery During Coasting] above the vehicle model for selection.

You can also click [Vehicle Control] - [Driving Experience] - [Energy Recovery During Coasting] in the infotainment system homepage navigation bar to set energy recovery during coasting to three modes: None, Comfortable, or Strong according to your driving habits. The energy recovery level has no memory function, and the vehicle is powered on at the comfortable gear by default.

When the energy recovery during coasting is in [None] position, there is a weak drag feeling during coasting; In the [Strong] position, there is a strong drag feeling during coasting

Energy Management Mode

Click "Settings" in "Energy Management" on the IHU to enter the energy management mode selection interface. The energy management has four modes: forced pure electric, pure electric priority, fuel-electric hybrid and fuel priority. You can choose according to your needs. The energy management mode will not be automatically memorized after the vehicle is powered off, and the pure electric priority mode will be entered by default when the vehicle is started next time.

Forced pure electric

In this mode, the vehicle will use pure electric drive. When the traction battery power is used to the lowest, the forced pure electric mode will automatically exit to protect the traction battery. When the traction battery SOC is low, the power performance of the vehicle will be limited. When you need to make abrupt acceleration, you can step on the accelerator pedal deeply, and the engine will start urgently to improve the acceleration performance of the vehicle. After releasing the accelerator pedal, the engine will stop. It is recommended that you use the forced pure electric mode when the trip is relatively short and the power performance of the vehicle is not high.

Pure electric priority

In this mode, the vehicle uses pure electric drive as the first choice, and avoids starting the extender (engine) as much as possible. It is recommended to use it in road conditions with relatively short trips and low requirements for vehicle power performance. It is recommended to use the pure electric priority mode in the case of using private charging pile (such as commuting within 50 km).

Gas-electric hybrid

In this mode, the traction battery will maintain a relatively suitable SOC, and can also maintain good power performance when acceleration is required, which is suitable for use in suburbs or in daily inconvenient charging situations.

Fuel priority

In this mode, traction battery will maintain a relatively high SOC and have better power performance, making it suitable for use in mountainous or long-distance road conditions. If driving at high speed for a long time, the engine will be started even if the battery SOC is high, so as to obtain the best high-speed fuel economy.

Limp-home mode

When the vehicle has some specific faults, the power of the vehicle will be limited, the limp mode indicator lamp on the instrument cluster will light up, and the maximum vehicle speed will be reduced.

Start requirements

1. Do not continue to start after several failed starts. Please contact the Forthing Special Service Station as soon as possible.

2. Do not push or tow the vehicle to start.

Driving requirements

1. Do not overload or overload the drive motor.

2. Do not use the emergency power-off function when the vehicle is running.

3. When the vehicle is running, the power drops. Please contact the Forthing Special Service Station as soon as possible.

4. Do not drive on the terrain that is easy to hit the bottom of the vehicle.

5. Before driving, confirm that the instrument cluster has no fault alarm signal.

6. When the instrument cluster prompts that the traction battery SOC is too low, do not drive for a long distance, and charge the battery as soon as possible.

Stop or parking

Step on the brake pedal, after the vehicle stops, press the P button, and the manual parking is completed.

Noise and vibration

New energy electric vehicles will have different noise and vibration from traditional fuel vehicles.

The following noises and vibrations are normal:

1. Noise generated by the drive motor and transmission system during operation.

2. Noise and vibration of relay opening and closing when starting and stopping the HV system.

3. Sound of pedestrians approaching the vehicle when the vehicle is running at a low speed.

4. Noise generated by the water pump and cooling fan during charging.

Parking brake

EPB

The EPB switch is integrated into the P position, and the driver can press the P button to park the vehicle reliably after the vehicle is stopped.

Manual activation and deactivation of EPB

Enable: After the vehicle stops, press the P button to complete manual parking. The parking indicator lamp comes on.

Release: If you press brake pedal and move shift lever to another position (not P position) at the same time, the parking function is released and the parking indicator lamp goes out.

CDP dynamic braking function

Press and hold the P button during driving to turn on the CDP dynamic braking function. The CDP will provide dynamical adjustment according to the

change of vehicle state to provide appropriate brake force. As soon as the P button is released, the CDP dynamic braking function can be exited.

Caution

- When the voltage is lower than 9V or higher than 16V, the EPB may not work.
- Do not press and hold the P button in the idle state, otherwise it may cause seizure of the button.

AUTO HOLD

The auto-hold function can help the driver to start more comfortably on a slope or at a traffic lamp intersection. This function can be turned on or off in the infotainment system. When the function is activated, the brake is maintained when the driver releases the brake pedal during hill starting or at a traffic lamp intersection and does not depress the accelerator pedal.

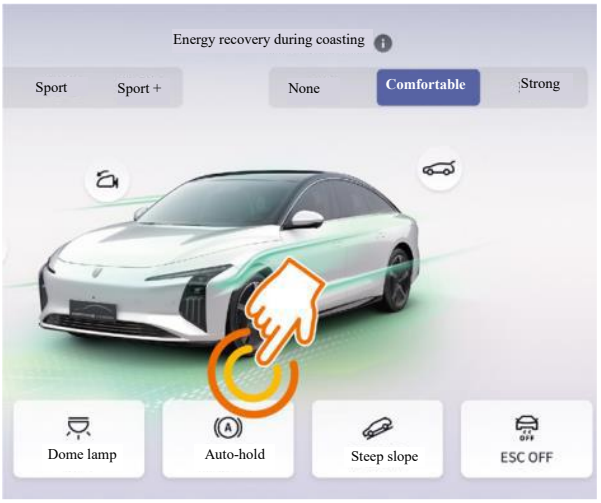
AUTO HOLD ON condition

1. Vehicle is started.

2. The driver has fastened the seat belt.

3. The driver's door is closed.

Turn on the AUTO HOLD function



1. On intelligent control theme interface of infotainment system homepage, click the car model to quickly enter the [Vehicle Control] - [Quick Control] interface, click the [Auto Hold] switch below the car model or click [Vehicle Control] - [Driving Experience] - [Auto Hold] in the infotainment system homepage navigation bar to turn the AUTO HOLD function on or off. When the switch is turned on, the combination instrument auto-hold indicator lamp lights up.

2. If the AUTO HOLD function is turned on during driving, the vehicle will be automatically braked after the driver depresses the brake pedal to stop the vehicle, and the Auto Hold activation indicator lamp on the instrument cluster will light up. At this time, the driver can release the brake pedal.

3. When starting, no matter whether it is on a flat road or is driving uphill or downhill, the accelerator pedal needs to be pressed and then the parking can be automatically released; otherwise, the vehicle may not be able to start.

Turn off the AUTO HOLD function

1. After the AUTO HOLD function of the infotainment system is turned off, the auto-hold activation indicator lamp on the instrument cluster goes out.

2. If the driver door is opened, the driver seat belt is released or the vehicle is powered off, the AUTO HOLD function will be automatically exited and be converted to EPB to ensure parking safety.

Caution

- When the ESP activation / fault indicator lamp is on, the AUTO HOLD function fails synchronously.
- When the voltage is lower than 9V or higher than 16V, AUTO HOLD may not work.

Traction control system (TCS)

The TCS system can reduce wheel slippage in the direction of rotation by properly braking the driving wheels during driving.

Brake Assist System

Brake assist system (BA)

The driver can brake in time under most dangerous conditions, but the force to depress the brake pedal is insufficient, resulting in an increase in the brake distance. For vehicles with BA system, the BA brake assist system will be activated when the brake pedal is quickly depressed during driving. At this time, the BA system will generate a larger brake force than that during normal braking, thus shortening the brake distance and assisting the driver in braking.

BOS

BOS can automatically reduce the driving force of the vehicle to zero when it detects that the driver has tried to apply the brake but fails.

Anti-lock braking system (ABS)

Operating principle

The ABS system controls the brakes of the vehicle and adjusts the brake force by detecting the speed of each wheel to prevent wheel lock and sideslip. During braking, the steering wheel can still be used for steering.

System self-inspection

The ABS system has a built-in self-inspection function. When starting the vehicle and driving at low speed, the system will perform self-inspection. If there is a malfunction, the self-inspection function will shut down the ABS system and illuminate the ABS system malfunction warning lamp on combination instrument. At this time, the brake system works normally, but the ABS system does not work. If the ABS system malfunction warning lamp goes on during self-inspection or driving, please contact Forthing Special Service Station.

Normal work

The ABS system will be turned on automatically when the vehicle speed reaches more than 5 km/h. When the ABS system detects that one or more wheels are approaching the locked state, the actuator quickly acts to release and restore the brake force. When the actuator is working, you may feel a slight vibration of the brake pedal and hear a vibration sound from the actuator under the engine hood. This is normal and indicates that the ABS system is working normally.

Caution

- The ABS system cannot reduce the brake distance.
- During emergency braking, the steering shall be moderate.
- The ABS system does not work when the vehicle is in P position.

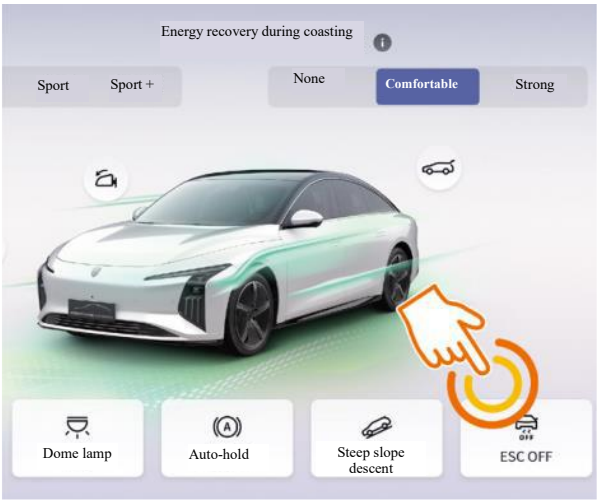
Electronic brake force distribution (EBD)

The EBD system will automatically distribute the brake force between the front and rear wheels, so that the vehicle can have good braking performance under different load conditions.

Electronic stability control (ESC)

The ESC system can improve the stability of the vehicle. When the ESC system detects that the actual driving state may deviate from the ideal driving state, the ESC system will start to work and selectively apply brake force to the vehicle brake to improve the stability of the vehicle driving.

Function activation



In the intelligent control theme interface of the infotainment system homepage, click the car model to quickly enter the [Vehicle Control] - [Quick Control] interface, click the [ESC OFF] switch below the car model or click [Vehicle Control] - [Driving Experience] - [ESC OFF] in the infotainment system homepage navigation bar to turn the ESC function on or off. When the switch is turned on, the ESC function is turned off, and the ESP OFF indicator lamp on the instrument cluster is on; When the switch is turned off, the ESC function is turned on, and the ESP OFF indicator lamp on the instrument cluster goes out. The ESC function is enabled by default.

After the ESC function is turned off, when the vehicle speed exceeds 80 km/h, the function will be automatically turned on, and the ESP OFF indicator lamp on the instrument cluster will go out.

Caution

- The ESC system does not work when the vehicle position is in P position.
- If wheels, rims and brake-related parts other than those recommended by Forthing are used, the ESC system may not work properly and the fault

indicator lamp of the ESP may light up.

- Do not modify the vehicle suspension.
- Try to avoid driving on a very inclined road.
- The ESC system cannot replace the use of winter tires or tire anti-skid function on snowy roads.
- The ESC system cannot prevent accidents caused by sudden steering at high speed or dangerous driving techniques.
- ESC can assist in controlling the stability and driving force of the vehicle. Do not turn it off if unnecessary.

Hill hold control (HHC)

When the vehicle starts on a steep or smooth slope, the vehicle may slide downward when the driver switches from the brake pedal to the accelerator pedal, resulting in difficulty in starting. To prevent this, the HHC system temporarily (about 2 seconds) applies brake force to all four wheels to prevent the vehicle from coasting.

△Warning

- Do not rely only on the HHC system to prevent the vehicle from coasting down a slope.
- When the vehicle is parked on a steep slope, icy or muddy road, the brake pedal shall be stepped on to prevent the vehicle from coasting backwards.

The HHC system will operate automatically under the following conditions:

1. When the position is switched to D or R position and the vehicle is going uphill.

2. If you step on the brake pedal, the vehicle stops completely on a ramp.

The HHC system will not operate under the following conditions:

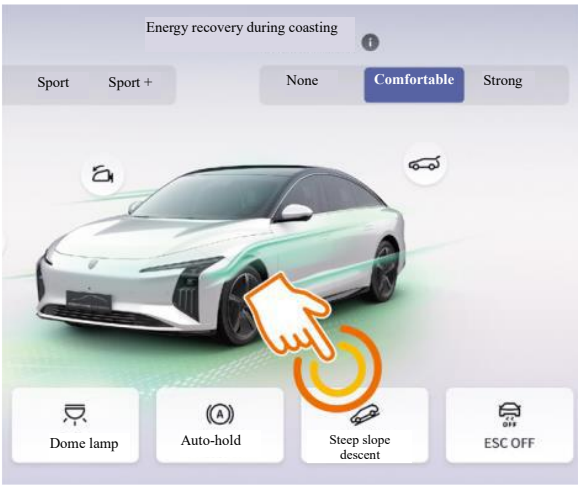
1. When the position is switched to N position or P position or the vehicle is on a level road.

2. When the ESC system is turned off or the ESC system is faulty.

Hill descent control (HDC)

The HDC system allows the vehicle to pass steep downhill sections smoothly with the driver not depressing the brake pedal.

Function activation



In the intelligent control theme interface of the infotainment system homepage, click the car model to quickly enter the [Vehicle Control] - [Quick Control] interface, click the [HDC] switch below the car model or click [Vehicle Control] - [Driving Experience] - [HDC] in the infotainment system homepage navigation bar to turn the HDC system on or off.

The HDC activation indicator lamp on the instrument cluster lights up, indicating that the HDC system is on. When the HDC switch is pressed again or the vehicle speed exceeds 60 km/h, the HDC activation indicator lamp goes out and the HDC system is turned off.

Braking through HDC

When the vehicle is going down a steep slope, the HDC system will actively work to keep the vehicle speed within the range of 8 km/h to 35 km/h. The driver can adjust the speed to the required value when the vehicle goes downhill with the HDC by depressing the brake pedal or accelerator pedal.

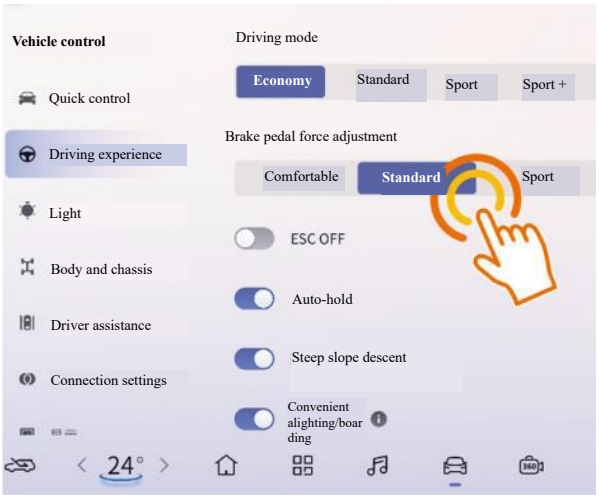
When the HDC system performs active braking, the HDC activation indicator lamp on the instrument cluster flashes, the brake lamp of the vehicle will light up, and the ESC system of the vehicle will emit a motor working sound, which is normal.

△Warning

- Before using the HDC, the driver needs to confirm that the system is on.
- HDC only controls the vehicle speed by assisting the driver to step on brake pedal or accelerator pedal. The driver needs to pay attention to controlling the vehicle at all times to ensure driving safety.

Brake pedal force adjustment

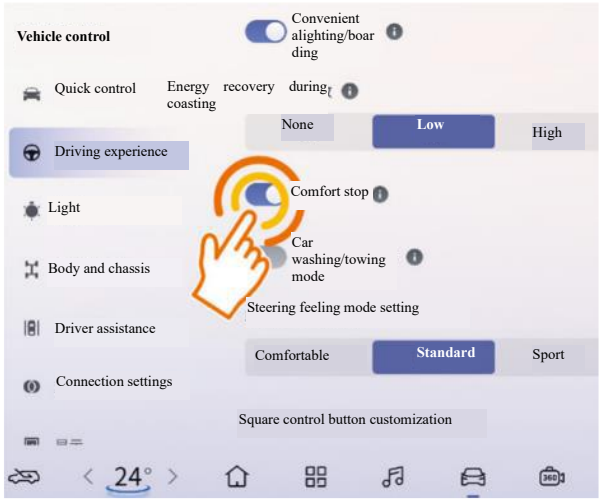
The driver can select his preferred pedal force feeling mode on the pedal force feeling interface of the infotainment system.



Click [Vehicle Control] - [Driving Experience] - [Brake Pedal Force Adjustment] in the infotainment system homepage navigation bar to choose from three different modes: Comfort, Standard, and Sport. After the vehicle is restarted, the brake pedal force will remember the last setting state.

Comfort stop (CST)

When the vehicle is being braked on a flat horizontal road, before the vehicle stops, the CST system can appropriately reduce the brake pressure to make the vehicle stop smoothly, reduce the pitch jitter when the vehicle is parked, and thus improve the braking comfort.



Click [Vehicle Control] - [Driving Experience] - [Comfort Stop] in the infotainment system homepage navigation bar to turn the CST system on or off. After the vehicle is restarted, the CST system will memorize the last setting status.

Brake-by-wire system

The brake-by-wire system can detect the driver's braking intention and provide the brake pressure.

Caution

Failure conditions of CST function:

- The vehicle is in P or R position.
- The CST function switch is turned off.
- The vehicle is running on bumpy or sloped roads.
- The brake pedal is depressed too lightly or the brake force is too large.
- The steering wheel steering angle or lateral acceleration is too large.
- The brake disc temperature is too high.
- Emergency conditions such as ABS, EBD and BA occur during braking.
- The brake pedal is unstable or the driver's braking force is not applied gently.
- Brake-by-wire system fails.

The brake-by-wire system will generate noise under the following conditions:

- When the vehicle is in power-on state, a short "buzzing" sound will be heard, which is the sound of the brake-by-wire system performing self-test and is normal.

Caution

● When the vehicle accelerates to about 15 km/h, a short "buzz" sound will also be generated, which is the sound of the ABS system during self-test and is normal.

● The brake-by-wire system will also make a sound during normal operation, mainly in the following aspects:

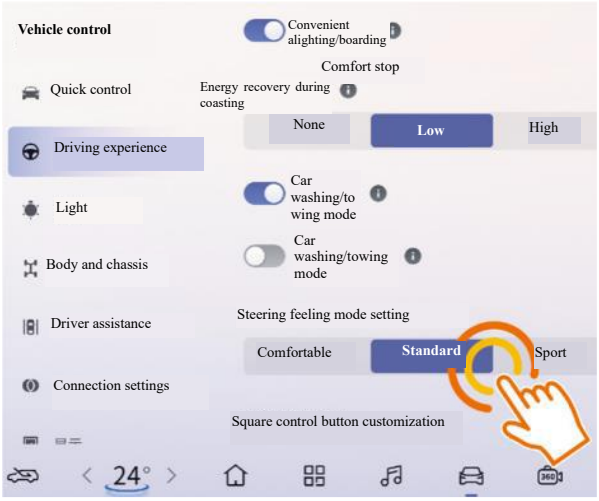
1. The sound of motor, solenoid valve and pump in the brake-by-wire system.

2. The sound caused by the rebound of the brake pedal.

3. After the vehicle is started, the brake-by-wire system will perform self-test. During the self-test, stepping on the brake pedal will make a "click" sound, which is normal.

Electric power steering

The electric power steering system can provide power assistance while driving, so that the driver can turn the steering wheel easily.



Click [Vehicle Control] - [Driving Experience] - [Steering Feeling Mode Setting] in the infotainment system homepage navigation bar to choose from three different modes: Comfort, Standard, and Sport.

Standard: The steering assistance is moderate and suitable for normal driving habits.

Comfort: The steering assistance is increased, making steering easier. This is the default.

Sport: The steering assistance is reduced and the steering feel is stable.

Caution

• When turning the steering wheel quickly, you may hear a rubbing sound, which is not a malfunction. If the fault warning lamp of the steering power system is on after the vehicle is started, it indicates that the steering power is abnormal. At this time, it takes more effort to turn the steering wheel. Please reduce the speed as soon as possible and park the vehicle safely on the side of the road. Turn off the power supply for a period of time and restart the vehicle. If the fault indicator lamp no longer lights up, the vehicle can run normally. If it still lights up, please pay attention to safe driving and contact the Forthing Special Service Station as soon as possible.

● Please select the steering mode when the vehicle is stationary and the steering operation is not performed.

● When parking or driving at very low speed, if the steering wheel is turned repeatedly and continuously or the steering wheel is turned to the end for a long time, the EPS will overheat, and the power assist of the steering motor will be reduced or even temporarily unavailable. To avoid this situation, do not perform the above operations.

Driving Tips

Precautions for safe driving

In case of serious traffic accident or serious collision on the front, side and rear of the vehicle, immediately press and hold the hazard warning lamp switch for more than 4 seconds to turn off the vehicle power supply. All personnel in the vehicle shall get off and contact the Forthing Special Service Station.

The vehicle should try to avoid pits, large stones, potholes, and high buffer strips, and avoid wading to prevent the battery pack from being soaked in water. In case of an abnormality, first ensure the safety of personnel, press and hold the hazard warning lamp switch to turn off the vehicle power supply, and contact the Forthing Special Service Station.

Night driving

Driving at night is more dangerous than driving during the day, mainly due to poor vision at night and easy fatigue of drivers. Please pay attention to the following when driving at night:

1. It is strictly forbidden to drive under the influence.

2. Adjust the position of the vehicle inside rearview mirror to reduce glare.

3. Keep a greater distance from the vehicle ahead.

4. Drive carefully and beware of animals.

5. Drive at low speed.

6. Pay attention to the dazzling of the meeting lamps, slow down the vehicle speed, and avoid looking directly at the headlights of the opposite vehicle.

7. Do not drive in fatigue. If you are sleepy, park the vehicle at a safe place on the roadside for rest in time.

8. Keep all glass clean to avoid dazzling light and blocking the line of sight.

Driving under the influence

Do not drive under the influence. Driving under the influence is very dangerous. Even a small amount of alcohol can affect a person's reaction, perception, attention and judgment. Driving under the influence not only causes accidents but also serious personal injury or death. The Transportation Department will, in accordance with the provisions of the Law of the People's Republic of China on Road Traffic Safety, impose corresponding penalties on driving under the influence of alcohol.

Wading

Do not drive on roads with deep water. Driving in water is easy to cause failure or damage to drive motor, electrical devices, etc., and reduce braking performance.

Caution

- When the vehicle passes through water or muddy roads, the braking effect may be affected and the brake distance may be prolonged, which may cause accidents!
- During wading, some components of the vehicle, such as drive motor and electrical devices, may be damaged.
- Avoid abrupt acceleration driving or emergency braking operation immediately after wading.
- Try to avoid driving on the road with more water. After driving on the road with more water, it is recommended to go to the Forthing Special Service Station to conduct a comprehensive inspection of the vehicle, check hidden dangers and ensure driving safety.

Caution

- The waves caused by the oncoming vehicle may exceed the allowable fording height of the vehicle.
- There may be potholes, mud puddles or stones hidden in the water, which will increase the difficulty of wading or hinder wading.

Long distance driving

Before long distance driving, please confirm that you have made relevant preparations and try to have a good rest.

Please check the following parts of the vehicle before traveling:

1. Check whether the washing liquid reservoir is full and whether the inside and outside of all windows are clean.

2. Check whether the oil level reaches the specified level.

3. Check whether the lamps work normally.

4. Check whether the surface of the lamps is clean.

5. Check whether the tire tread pattern is suitable for long distance driving and whether all tires are inflated to the recommended pressure.

Driving in rainy days and on slippery roads

Please pay attention to the following when driving in rainy days:

1. Heavy rain will make the sight worse and increase

the brake distance. Be sure to slow down.

2. The wiper shall be checked frequently. If there are stripes or missing scraping areas on the front windshield, please replace the wiper blade in time.

3. If the tire of the vehicle is in poor condition, the vehicle may slip when braking on a slippery road, and even accidents may occur. Therefore, please ensure that the tire of the vehicle is in good condition.

4. Turn on the vehicle headlamp and hazard warning lamp.

5. Be sure to slow down when passing through waterlogged roads.

6. If the brake is wet, please gently depress the brake pedal during driving until the brake returns to normal.

7. During driving, do not turn sharply or step on the brake pedal sharply to avoid accidents.

8. After wading, the brake can be dried by slowly depressing the brake pedal during low-speed driving.

Driving on ramps and mountainous roads

When driving on ramps and mountainous roads:

1. Please keep the vehicle in good condition.

2. Pay special attention when driving uphill over the top of the slope. There may be obstacles in your lane.

3. Special warning signs may be seen on mountainous roads. Pay attention to these signals and take appropriate measures when driving.

Driving on ice and snow-covered roads

1. When driving in snow, use snow tire as much as possible. Please select a snow tire of the same size and model as the original tire.

2. When driving in the snow, high speed, abrupt acceleration, emergency brake and small-angle turns are very dangerous and should be avoided as much as possible.

3. When driving on icy ground, emergency brake will cause the vehicle to drift. Please keep a safe distance.

Driving in winter

The harsh driving environment in winter will increase the wear of the vehicle or cause vehicle failure. The following recommendations can be used to reduce the probability of failure:

1. Check the specifications of the coolant to confirm whether the freezing point is suitable for the expected temperature in winter. At present, the

freezing point of the coolant produced by Dongfeng Liuzhou Motor Co., Ltd. is -35 ℃ (model OAT-35), and the freezing point of the low temperature coolant is -45 ℃ (model OAT--45). If the demand is not met, the coolant meeting the demand needs to be replaced.

2. Check the wiper to ensure that the wiper blade can be wiped freely.

3. Carry appropriate emergency equipment according to weather changes.

Parking assist system

Introduction

The parking assist system can assist the driver in observing and perceiving the surrounding environment during low-speed driving or parking, and provide visual and auditory prompts or warnings to the driver when there are obstacles that hinder driving or parking.

The main functions of the parking assist system include:

1. Parking radar system.

2. Reversing image.

3. AVM*.

Parking radar system

The parking radar system can detect the obstacles around the vehicle when the vehicle is running at a low speed, and issue a warning when the vehicle is approaching the obstacle, so as to assist the driver in ensuring the safety of reversing.

Depending on the configuration, the parking assist system radar sensor is divided into two categories:

Type I

4 radar sensors at the rear.

Type II

4 radar sensors at the front and rear.

Front radar*

Touch the front radar switch in the AVM interface, infotainment system pull-down menu interface or radar alarm window to turn on or off the front radar.

ON

When the vehicle is in the power-on state, the front radar system is in the state set after the last shutdown of the vehicle power supply.

The front radar system can be turned on when the following operations are met at the same time:

1. The vehicle is in power-on state.

2. The shift lever is in non-P position.

3. The vehicle speed shall not exceed 15 km/h after starting or decelerate from a higher speed to 10 km/h during driving.

4. Turn on the front radar switch.

Close

The front radar system can be turned off by any of the following operations:

1. Power off of the vehicle.

2. Press the P button.

3. The vehicle speed exceeds 15 km/h.

4. Turn off the front radar switch.

Reversing radar

ON/OFF

When the vehicle is in the power-on state and the position is switched to R position, the reversing radar will be automatically turned on, and the system will be automatically turned off after exiting the R position.

Detection range

The detection range of the parking assist system radar sensor is shown in the table below:

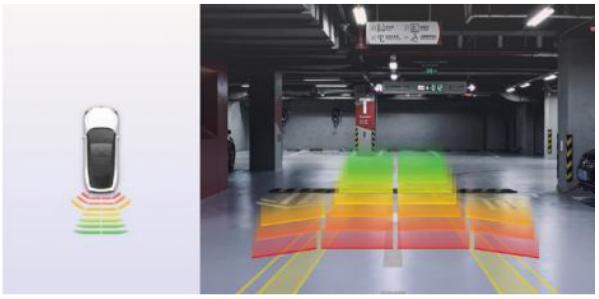
Sensor position	Maximum detection
Both sides of the rear	70
Rear middle	150
Both sides of the front	70
Middle of the front	120

Alarm mode

When an obstacle is detected within the detection range of the parking radar, the infotainment system will display an alarm and an audible alarm. The closer the vehicle is to the obstacle, the more urgent the alarm sound will be. When the vehicle is about to collide with the obstacle, the alarm will sound continuously. At this time, the vehicle shall not continue to run to avoid collision. The reversing image interface, AVM interface and tracking reversing interface display corresponding color

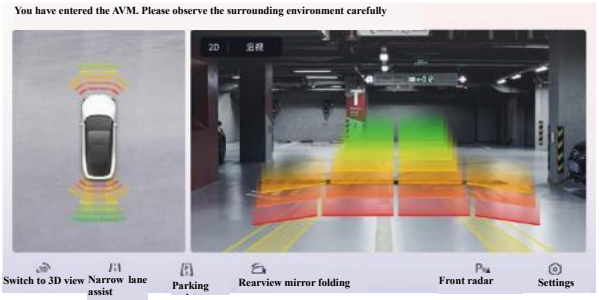
according to the distance from the obstacle.

Type I



In the reversing image interface, the 4 rear radar sensors give an alarm.

Type II



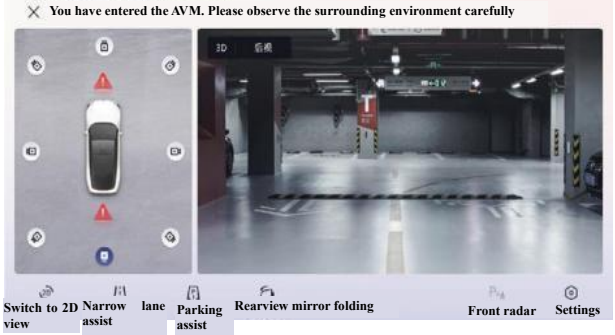
In AVM interface, there are 4 radar sensor alarms at the front and rear.

Infotainment system homepage

In the infotainment system homepage, the 4 front and rear radar sensors give alarms.

Fault display

Radar fault display



When a warning sign appears at the location of the radar sensor, it indicates that the radar sensor is faulty. A single radar sensor in front of the vehicle is faulty, and the remaining sensors in front do not work. A single radar sensor at the rear of the vehicle is faulty, and the remaining sensors at the rear do not work. In case of the above situation, please contact the Forthing Special Service Station in time.

Circumstances under which the system may not work

Due to the characteristics of objects, positions, angles, sizes, materials or places with complex backgrounds, the system may not work or give false alarms. The following conditions may cause failure to detect or poor detection:

1. Barbed wire mesh, steel cable and other objects.

2. Driving in grass or on rugged roads.

3. Cotton or materials whose surface is easy to absorb sound waves.

4. Foreign matters are attached to the sensor surface.

5. Ultrasonic noise, metallic sound and high-pressure gas emission sound at the same frequency.

6. Non-standard radio communication equipment installed on the vehicle will also affect the function of this system during use.

△Warning

- The parking assist system is only used as an auxiliary warning for obstacles behind the vehicle during parking and reversing, and cannot replace the driver's observation of the surrounding environment. The driver needs to monitor the environment in real time during the whole driving process, and Forthing is not responsible for accidents caused by the driver's negligence.
- As the parking assist system has a working blind spot, please do not use it as the only evidence for reversing safety. The driver is responsible for driving safety.

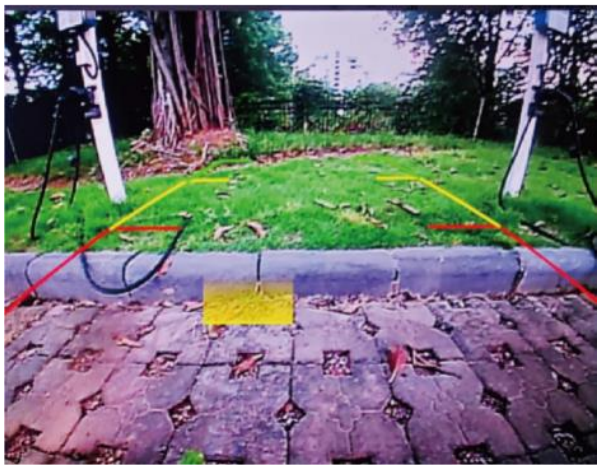
Reversing image system

The reversing image captures images through a camera installed at the rear of the vehicle, which is convenient for the driver to check the rear obstacle in time when reversing.

Function ON/OFF

When the vehicle is in the power-on state and the position is switched to R position, the reversing image will be automatically turned on, and the system will be automatically turned off after exiting the R position.

Reversing auxiliary line



Description of reversing auxiliary line

Red: It indicates a distance of about 1 m behind the vehicle.

Yellow: It indicates a distance of about 2 m behind the vehicle.

Green: It indicates a distance of about 3 m behind the vehicle.

Caution

- The dirty camera will affect the use of the system, please clean it in time.

Caution

1. The auxiliary line is only used as a reference and cannot be used as the basis for judging the actual distance and driving trajectory of the vehicle. Please pay attention to the surrounding environment of the vehicle and safe driving when parking the vehicle.
2. The camera is similar to the human eye, and has limited ability to see objects in environments such as dusk, night, dawn, snow, rain and fog. The reversing image mainly provides ADAS for the driver, and the driver is always responsible for keeping a distance from any obstacle.
3. The system cannot be used normally in bad weather and insufficient light.
4. The camera will enlarge and distort the image, and there will be a short delay. Therefore, the surround view function cannot replace the driver's operation and judgment. Please always pay attention to the safety around the vehicle during use.

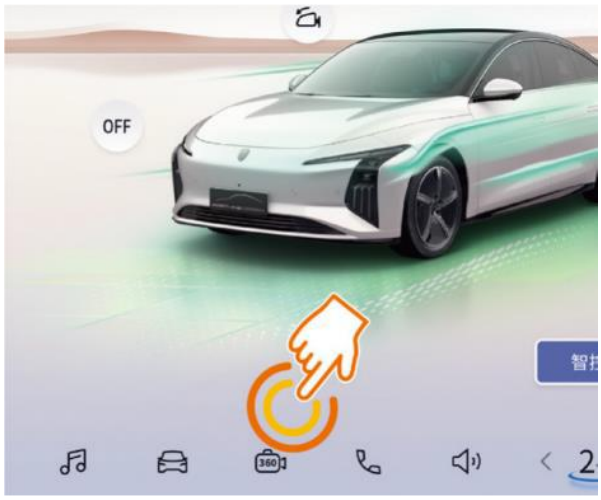
There is a certain error between the auxiliary line and radar wave distance and the actual distance. Please observe the safety around the vehicle when parking the vehicle.

AVM*

The surround view can splice the images of four cameras located at the front, rear, left and right of the vehicle, and synthesize an aerial view on the infotainment system. It is used with reversing radar to make parking safer and more convenient.

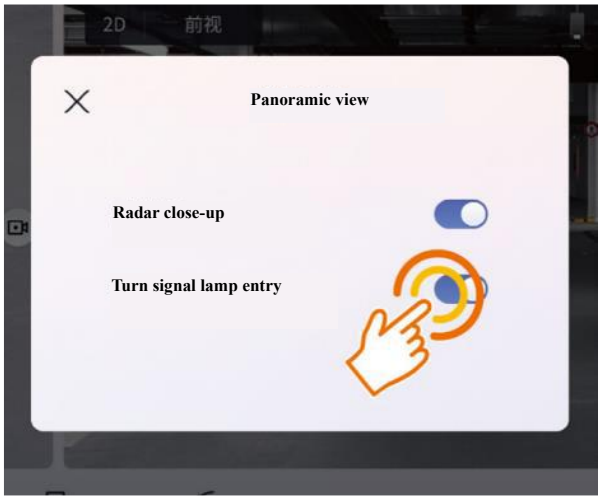
Function ON/OFF

AVM on



When the vehicle is powered on and the vehicle speed is ≤ 30 km/h, the AVM function can be turned on in any of the following ways:

1. When the vehicle is in power-on state and the vehicle speed is not higher than 30 km/h, click the AVM button at the bottom of the infotainment system homepage or the AVM button in the App Center to open the AVM interface.



2. In the setting interface of the AVM, [Turn Signal Lamp Entry] can be turned on. When the driver turns the steering wheel left and right, the AVM will be automatically turned on.

3. When the shift lever is in R position, the AVM will be automatically turned on.

4. Press the steering wheel custom button (the custom function needs to be selected as [Panoramic Ring]).

5. Voice on.

AVM off

Exit the AVM interface in any of the following ways:

1. Press the back button on the infotainment system interface (the "×" button in the upper left corner of the AVM interface).

2. Switch from R position to P position with a delay of 5 seconds.

3. Switch from R position to D position and the vehicle speed is greater than 30 km/h.

4. The turn signal lamp returns.

5. The vehicle speed is greater than 30 km/h.

6. Press the custom button with the function selected as [AVM] on the steering wheel.

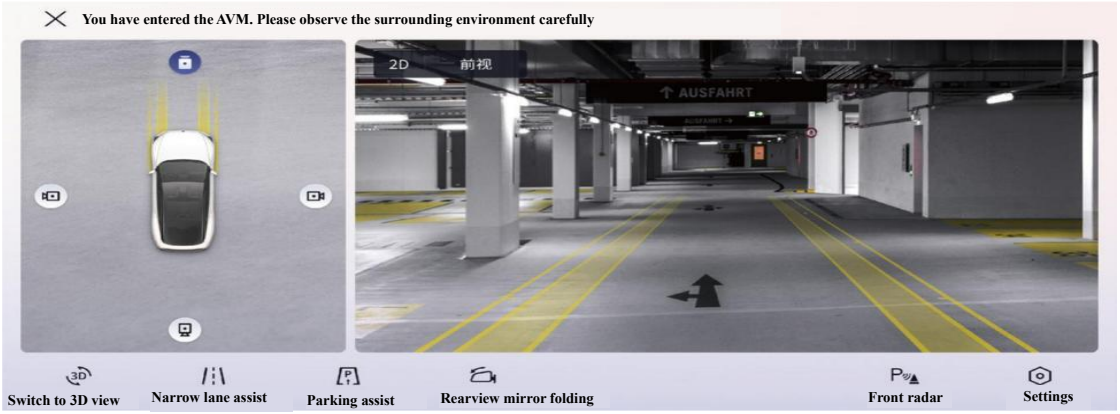
7. Voice exit.

Caution

When the vehicle speed starts to slow down from high speed, the vehicle speed needs to be reduced to 25 km/h before the AVM function can be turned on again.

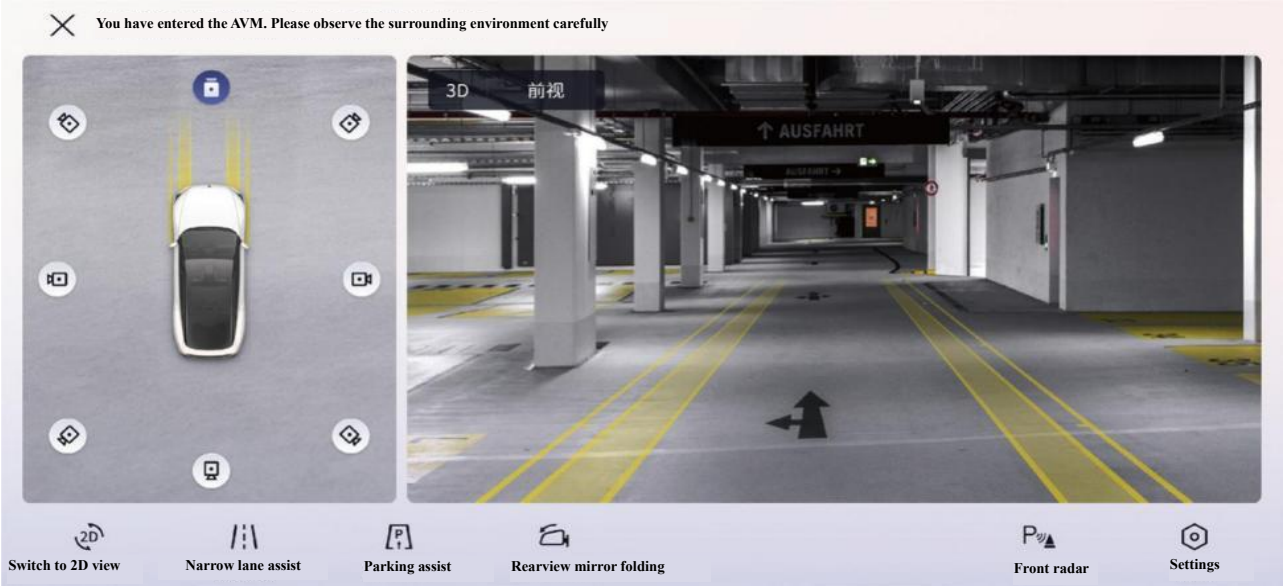
Function description of AVM

2D view



Click any position of the view to display the front, back, left and right icons. After clicking, the corresponding view angle will be switched (the icon will be automatically folded if there is no operation for 5 seconds).

3D view



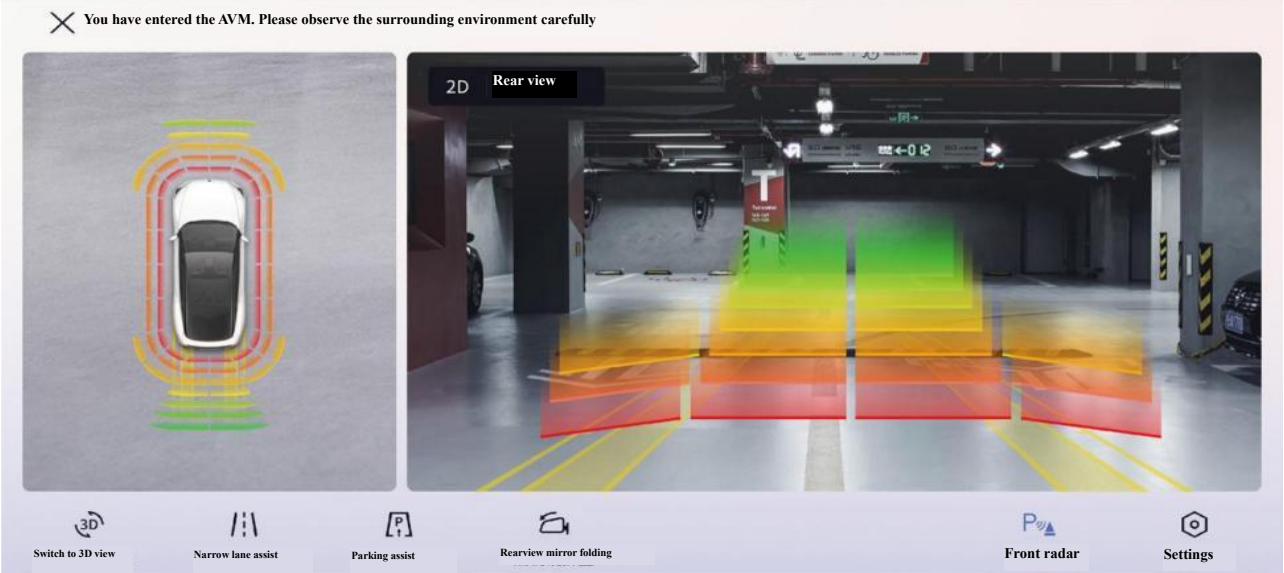
Click any position of the view to display the front, rear, left, right, left front, left rear, right front and right rear icons. After clicking, the corresponding view angle will be switched (the icon will be automatically folded if there is no operation for 5 seconds).

Caution

The AVM function adopts a wide-angle fisheye camera, and the imaging model is a bowl-shaped structure. Therefore, the 3D stereo image is easy to form stretching deformation at the splicing position, and there will be ghosting or misalignment of objects at the splicing position and the far end of the edge.

Click [Settings] to turn on and off radar close-up, turn signal lamp entry and other functions in the settings. The radar close-up setting and the turn signal lamp entry setting are initialized and enabled by default, and both have memory functions.

Dynamic auxiliary line



The 2D front and rear single view (left) and the stitching view (right) have auxiliary lines. The auxiliary lines switch the front and rear directions with the shift of D and R positions. The actual length indicated by the auxiliary lines is 5 m.

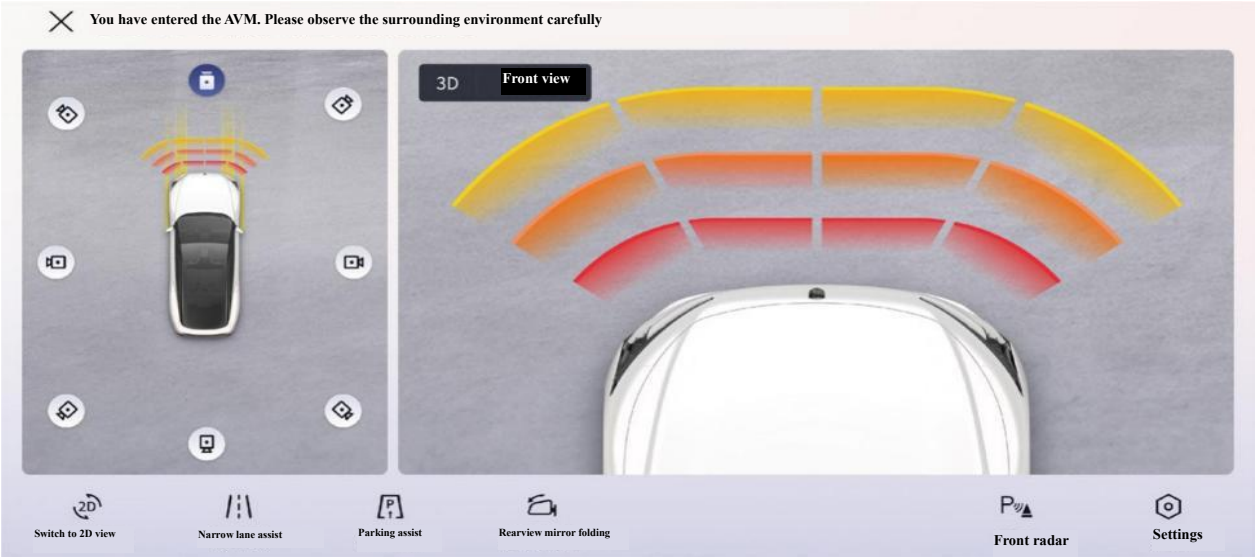
The width of the outer layer is the longest distance of the outside rearview mirrors on both sides plus 7 cm. The inner layer width is the wheel width.

The scale pattern trajectory line has scale marks, which are divided into three sections of 0~0.3m, 0.3~1m and 1~1.5m.

△Warning

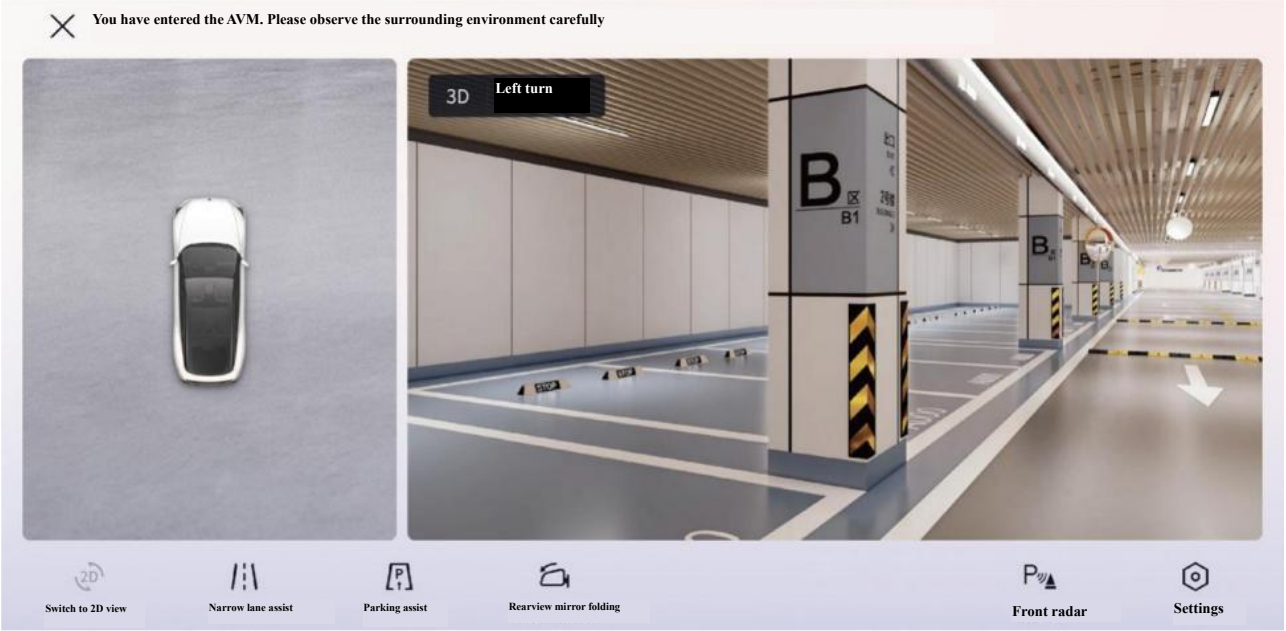
The auxiliary line is only used as a reference and cannot be used as the basis for judging the actual distance and driving trajectory of the vehicle. Please pay attention to the surrounding environment of the vehicle and safe driving when parking the vehicle.

Radar obstacle board display



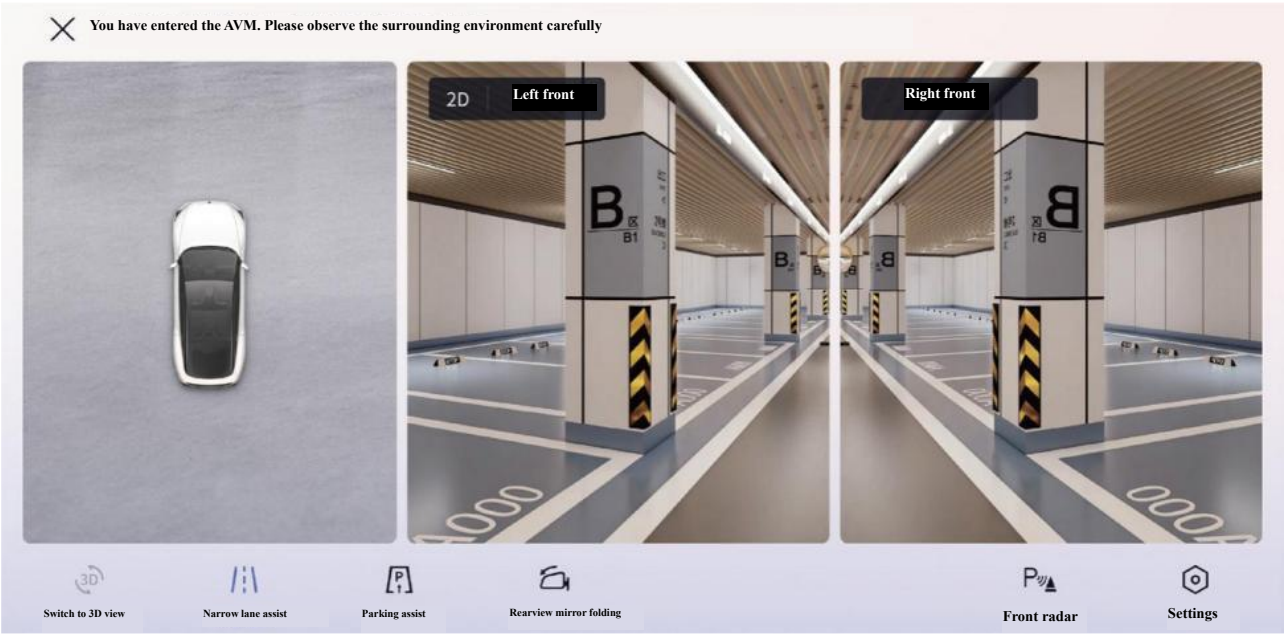
In the surround view interface, when the working conditions of the radar system are met, the obstacle board will be displayed and there will be an alarm sound.

Steering view



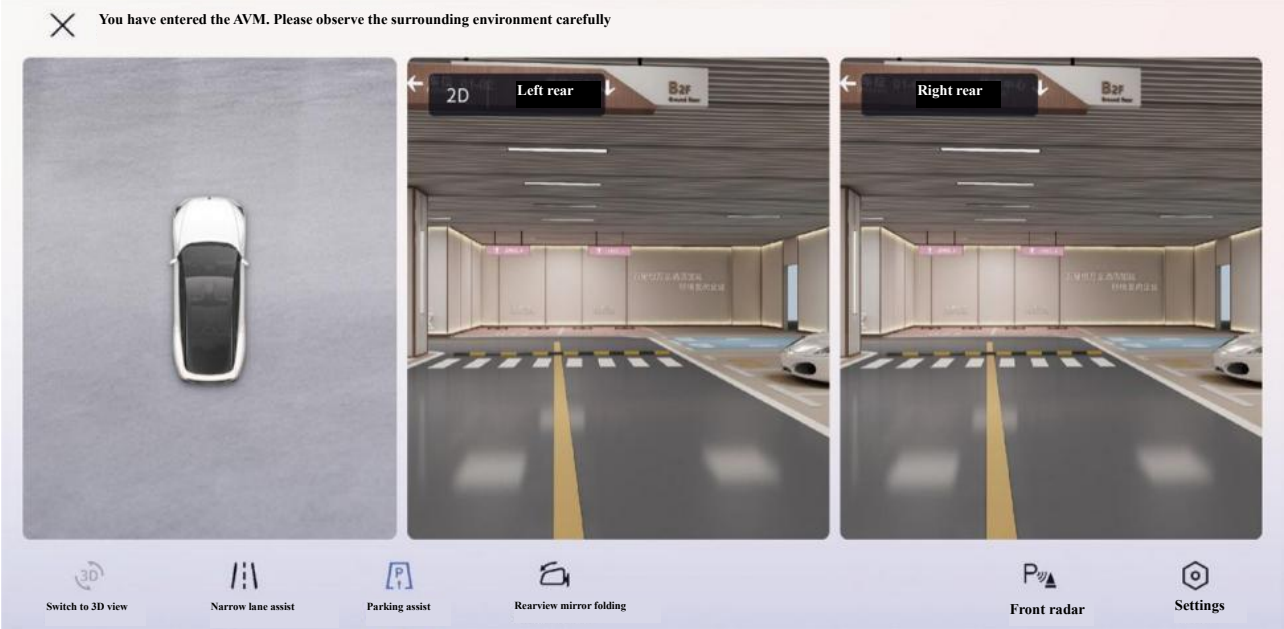
When the turn signal lamp enters the switch on (not in R position), turn on the left/right turn signal lamp to enter the corresponding left/right steering angle. After adjusting the turn signal/windshield wiper switch, delay for 1 second to exit the surround view interface.

Narrow lane assist



Click Narrow Lane Assist button on the bottom of AVM interface to display the narrow lane assistance view, which displays the actual images in front of the left and right sides of the vehicle.

Parking assist



Click Parking Assist button on the bottom of AVM interface to display the parking assist view, which displays the actual images of the vehicle's wheel and right wheel.

Caution

- The auxiliary line is only used as a reference and cannot be used as the basis for judging the actual distance and driving trajectory of the vehicle. Please pay attention to the surrounding environment of the vehicle and safe driving when parking the vehicle.
- The camera is similar to the human eye, and has limited ability to see objects in environments such as dusk, night, dawn, snow, rain and fog. The surround view mainly provides ADAS for the driver, and the driver is always responsible for keeping a distance from any obstacle.
- The camera will enlarge and distort the image, and there will be a short delay. The functions (radar, image) of all parking assist systems of the vehicle cannot replace the driver operation and judgment. Please always pay attention to the safety around the vehicle during use.
- The AVM view only stitches the ground image. For objects with a certain height, there will be blind spots in the air. When parking the vehicle, be sure to pay attention to the children, concrete columns and other objects around the vehicle.
- There is a certain error between the auxiliary line and radar wave distance and the actual distance. Please observe the safety around the vehicle when parking the vehicle.
- The dirty camera will affect the use of the system, please clean it in time.
- The system cannot be used normally in bad weather and insufficient light.

△Warning

The surround view is only an auxiliary driving function and cannot cope with all traffic, weather and road conditions. You, as the driver of the vehicle, are responsible for driving safety. Do not rely on this function to control the vehicle, otherwise it may cause injury or even death.

Assist driving*

Introduction

The driver assistance system can assist the driver in observing and perceiving the surrounding environment during driving, and provide collision warning, active safety and cruise assistance for the driver. The main functions of the driver assistance system include:

1. Forward collision assist.

2. Lane departure assist.

3. Cruise assist.

4. Intelligent high beam control.

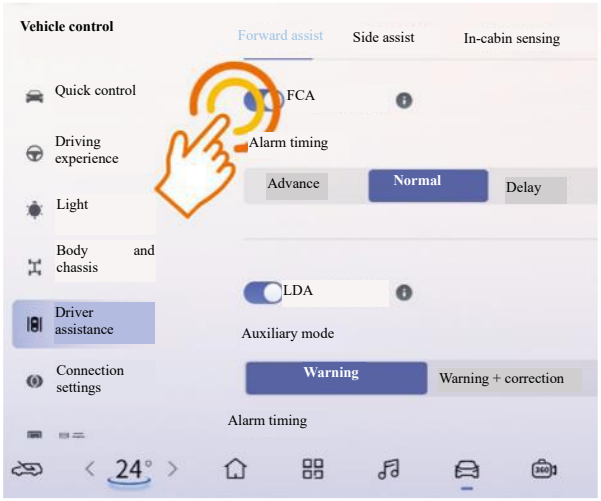
5. Traffic sign recognition.

6. Side rearward driving assistance.

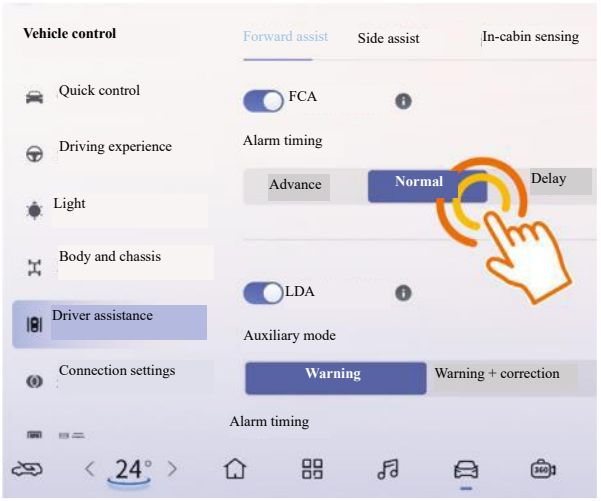
Forward collision assist*

FCA includes forward collision warning (FCW) and automatic emergency braking (AEB). During driving, it provides alarm prompt and auxiliary braking for the driver when there is collision danger in front of the vehicle.

Switch setting



Click [Vehicle Control] - [ADAS] - [Forward Assist] - [FCA] in the infotainment system homepage navigation bar, you can turn this function on or off. The FCA function is enabled by default.



Select the alarm time to set the alarm sensitivity, and [Advance], [Normal] and [Delay] are supported. The alarm time is normal by default.

When this function fails, the FCA system fault warning lamp of the instrument cluster will light up; When the function is turned off, the FCA system off indicator lamp on the instrument cluster interface will come on.

Forward collision warning (FCW)

When the vehicle is running, if it detects that the distance between the front vehicle, cyclist or pedestrian and the vehicle is too close, the FCW system will remind the driver visually and audibly.

Function activation

When the FCA switch is turned on, the function is turned on when the vehicle speed is greater than or equal to 8 km/h, and the vehicle conditions in front of the vehicle are monitored in real time.

Function trigger

When FCW is triggered, the front of the driving interface of the combination instrument will turn red, with the text prompt [Danger ahead, please pay attention to safety] will appear, accompanied by medium and high frequency alarm sound.

△Warning

The following actions may cause the FCW not to give an alarm, including but not limited to:

- When the driver is already braking.
- When the driver steps on the accelerator pedal deeply or quickly.
- When the driver turns the steering wheel sharply.

Automatic emergency braking (AEB)

When the vehicle is running, if it is detected that the vehicle, cyclist or pedestrian in front is about to have a collision with the vehicle, the AEB system will automatically perform emergency brake to avoid collision or reduce the injury caused by collision.

Function activation

When the FCA function switch is turned on, the vehicle speed monitors the vehicle conditions in front of the vehicle in real time within the range of 8~85 km/h, and triggers AEB when a collision is about to occur.

Function trigger

When AEB is triggered, the vehicle speed is reduced by up to 60 km/h. For example: AEB is triggered when the vehicle speed is 80 km/h, and braking ends after the vehicle speed drops to 20 km/h.

Functional limitations

The AEB may be limited under any of the following conditions, including but not limited to:

1. The installation position of the camera is changed.
2. The camera is blocked or dirty.
3. The surrounding environment is dark, such as dawn, dusk, night, and the recognition ability is reduced in tunnels.
4. Sudden changes in ambient brightness, such as tunnel entrances or exits.
5. Large shadows cast by buildings, landscapes, or large vehicles.
6. When camera is exposed to the sun at an angle or directly.
7. Rain, snow, fog, haze and other severe weather.
8. Exhaust, water spray, snow or dust raised by the vehicle ahead.
9. Water, dust, micro scratches, grease, dirt, wiper, freezing, snow, etc. on windshield in front of camera.
10. Wet pavement.
11. The camera is out of focus or faulty.

The AEB may not be able to identify the following targets, including but not limited to:

1. Oncoming vehicles.
2. Side-passing vehicles.
3. Animals.
4. Traffic lights.
5. Wall surfaces.
6. Barricades (cone barrels, etc.).
7. Other non-vehicle objects.

△Warning

If the AEB meets any of the following suppression conditions, it will be unable to brake or stop braking, including but not limited to:

- The driver steps on the accelerator pedal

deeply or quickly.

- The driver turns the steering wheel sharply.
- The driver is not fastening the seat belt.
- The driver door is not closed.
- After AEB is triggered, it cannot be triggered again within about 20 seconds.
- No more vehicles, cyclists or pedestrians are detected ahead.
- During AEB, brake pedal will automatically move downward quickly. Do not place objects around brake pedal to avoid affecting the free movement brake pedal.
- The AEB cannot be used to maintain a safe driving distance from the vehicles ahead, cyclists and pedestrians. Please avoid driving too close to vehicle ahead, cyclists or pedestrians or driving too intensely.

△Warning

- The AEB is only used to reduce the impact of head-on collision. When the vehicle is in reverse gear, the AEB does not work.
- The FCA is for reference only and cannot replace your attention and judgment. The forward collision assist is only a ADAS function, which cannot cope with all traffic, weather and road conditions, nor can it detect vehicles, cyclists or pedestrians in all cases. It may fail, be inappropriate or untimely due to several factors.
- After the FCA function switch is turned off, the vehicle will not give an warning of possible collision risks. It is strongly recommended that you do not turn off this function. In order to ensure your driving safety, this function will be turned on after each vehicle restart.
- You must always pay attention to the traffic conditions and road environment. Do not rely on the judgment of the FCA, otherwise it may cause personal or vehicle damage. For safety reasons, do not intentionally drive towards vehicles, cyclists or pedestrians to test the forward collision assist function. If you find a danger, do not wait for the forward collision warning to be triggered before taking action. You always bear the ultimate responsibility for safe driving and must comply with current traffic laws and regulations.


Caution

- FCA can only identify regular vehicles with license plates and legal road driving, and cannot detect vehicles in all cases. For example, the rear of the vehicle is seriously blocked, the shape of the vehicle is strange (such as an overloaded vehicle transporting trees), and the rear of the vehicle has been seriously damaged.
- FCA can identify unobstructed adults of normal height, but cannot detect pedestrians in all cases. For example, pedestrians who are partially shielded, wearing clothes that cannot recognize their body shape, too low and too high height, carrying large objects, poor contrast, etc.


Caution

- FCA can identify the cyclists with clear and complete body contours, main features and bicycle contours, but cannot detect them in all cases, such as when the bicycle is fast, the features of the cyclists or the bicycle are obscured by clothes or other items, resulting in unclear contours.
- FCA cannot identify oncoming vehicles or vehicles crossing horizontally in front, and will not trigger alarm prompts and AEB. FCA may not recognize the vehicle in time under complex traffic conditions, resulting in a lag in alarm prompts.
- The response capability of FCA is limited, and may not trigger the alarm prompt and automatic braking in time. For example, when the vehicle ahead enters the lane under extreme conditions or a pedestrian suddenly enters the lane, the alarm may not be sent in time.
- The FCA recognition function requires sufficient contrast between pedestrians and the environmental background. Too bright or too dark lighting has a negative impact on the system. Due to the pedestrian posture or environmental influence, the time delay or failure to detect the pedestrian will be caused, and the alarm prompt will also be delayed or failed to be

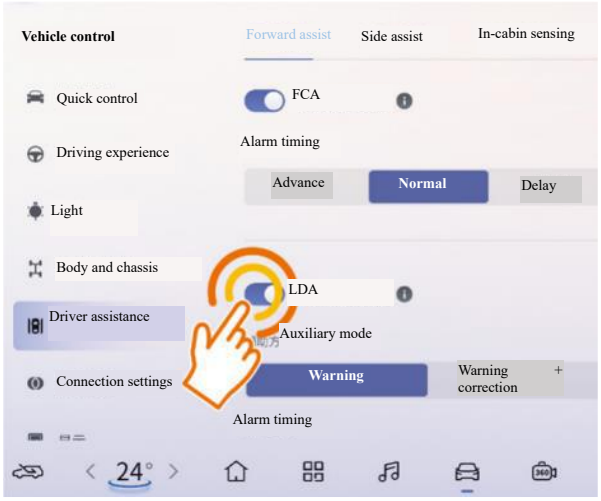
activated.

- The system may not be able to detect the vehicle ahead when the sensor is blocked by ice, snow or dust on a curved road or a ramp. Please clean the front windshield of the vehicle in time.

LDA*

The LDA includes lane departure correction and lane departure warning. During driving, it provides steering correction and alarm prompt for the driver when the vehicle unconsciously deviates from the lane.

Switch setting



Click [Vehicle Control] - [ADAS] - [Forward Assist] - [LDA] in the infotainment system homepage navigation bar, you can turn this function on or off.

When the function switch is turned on, you can select [Early Warning] or [Early Warning + Correction], and the function defaults to early warning.

Function activation

The lane marking is clear, and the vehicle speed reaches more than 65 km/h. When the driver unconsciously deviates from the current lane, it provides a steering warning or controls the steering wheel to correct the vehicle.

Function trigger

When the vehicle speed is within the range of 65~140 km/h, the vehicle may deviate from the lane and automatically correct and return to the lane. When correcting, the lane marking on the side of the driving interface of the combination instrument turns yellow.

When the vehicle speed is within the range of 65~180 km/h, the driver may be alerted when the vehicle deviates from the lane. During the warning, the lane marking on the driving interface of the instrument cluster will turn red, accompanied by a medium frequency alarm sound.

Functional limitations

The following conditions may cause the LDA system to fail to operate as expected or to exit automatically, including but not limited to:

1. Pass through curves with excessive curvature, such as high-speed ramps.

2. The lane marking is not clear, worn, missing, crossed, or blocked by shadows cast by other vehicles or buildings or scenery.

3. Pass through the road section without lane marking, such as non-standardized roads, intersections, construction areas, etc.

4. Pass through the road section with special lane marking, such as deceleration warning lines, diversion lines, etc.

5. Pass through the areas with unclear lane division, such as lane marking convergence or separation areas, highway ramps, urban intersections, left-turn waiting

areas, etc.

6. The pavement has edges or other high-contrast lines that are not lane markings, e.g. pavement joints, curb, etc.

7. The lane marking cannot be recognized or is not recognized correctly due to the height change, e.g. when going uphill or downhill.

8. The lane marking cannot be recognized or is incorrectly recognized due to light reasons, such as strong light causing the lane marking to reflect light, poor weather, poor visibility or insufficient light at night.

9. The distance between the lane marking on both sides is too wide or too narrow.

10. Special or complex road conditions.

The LDA may be limited under any of the following conditions, including but not limited to:

1. The installation position of the camera is changed.

2. The camera is blocked or dirty.

3. The recognition capability is decreased at night.

4. The surrounding environment is dark, such as dawn, dusk, night, and tunnel.

5. Sudden changes in ambient brightness, such as tunnel entrances or exits.

6. Large shadows cast by buildings, landscapes, or large vehicles.

7. The camera is exposed to direct light.

8. Rain, snow, fog, haze and other severe weather.

9. Exhaust, water spray, snow or dust raised by the vehicle ahead.

10. Water, dust, micro scratches, grease, dirt, wiper, freezing, snow, etc. on windshield in front of camera.

11. Wet pavement.

△Warning

- LDA has limited steering force and can only provide slight steering correction assistance, but cannot completely prevent the vehicle from deviating from the lane. Therefore, do not rely on LDA to control the direction, and the driver should always be prepared to increase the steering force, especially in curves. Take over the steering wheel immediately if you need to turn, turn around, or pass through winding and sharp turning roads.
- As a ADAS function, LDA cannot cope with all traffic, weather and road conditions. The LDA is for reference only and is not a substitute for your visual inspection.

△Warning

- LDA can only provide a certain steering assistance, but cannot control the vehicle speed.
- LDA may not detect that driver does not hold steering wheel with both hands, resulting in missed alarm. Please do not rely on the system reminders.
- The driver must always pay attention to the traffic conditions and road environment, and decide whether to use LDA independently under the premise of ensuring safety. When using LDA, if you find that the traffic conditions, road environment or vehicle conditions are not suitable for using this function, or there are other unsafe factors, you should be ready to take over the vehicle at any time. The driver always bears the ultimate responsibility for keeping the vehicle in the lane safely and in compliance with current traffic laws and regulations.
- According to the Regulation on the Implementation of the Road Traffic Safety Law of the People's Republic of China, the maximum speed of small passenger vehicles driving on China's expressways shall not exceed 120 km/h. The above maximum speed is the maximum speed theoretically supported by LDA. Please observe road traffic safety regulations when starting LDA, including but not limited to vehicle speed regulations.
- LDA cannot continuously control the direction of the vehicle, that is, it cannot keep the vehicle in the middle of the lane all the time.

Caution

- Turning on infotainment system function switch does not mean the function is enabled. The function is activated automatically only when the working conditions are met.
- LDA will not remind or control when the turn signal lamp is turned on and the vehicle deviates to the corresponding side.
- When LDA controls the direction, the steering wheel will rotate, and you can take over the vehicle actively by turning the steering wheel.
- The instrument cluster display is only for illustration and does not fully reflect the real traffic conditions. Do not rely on the display content of the instrument cluster.

Caution

- LDA only works when the driver holds the steering wheel with both hands during driving. If it detects that the driver's hands are not holding the steering wheel for a period of time, it will remind the driver through visual and audible means. At this time, the driver can hold the steering wheel to release the alarm. If it is detected that you are still not holding the steering wheel after a period of time, the system will exit automatically.

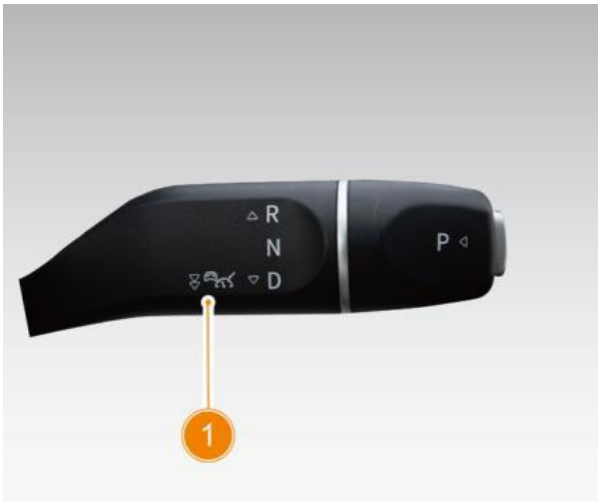
Cruise Assist*

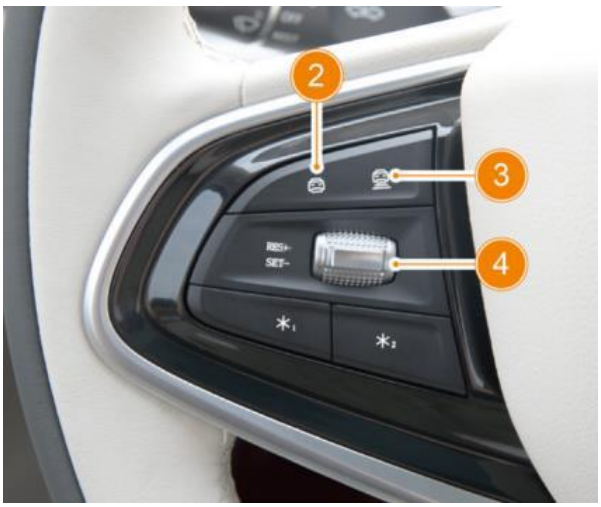
Cruise assist includes adaptive cruise control (ACC) system and advanced cruise control (SCC) system. During driving, the vehicle will keep driving in the lane according to the cruising speed or cruising distance set by the driver.

Adaptive cruise control (ACC)

ACC includes cruise control, distance maintaining following, and following start/stop. The vehicle can run according to the cruising speed set by the driver, and can also follow the vehicle ahead for running, stopping or starting according to the cruising distance set by the driver.

Button description:





1. The cruise control function is turned on

2. Cruise control distance - button

When the function is on, press this button to decrease the following distance to the minimum first position.

3. Cruise control distance + button

When the function is on, press this button to increase the following distance, which can be adjusted in four positions.

4. Cruise control button

(1) When the function is on, short push down this button, the vehicle speed will decrease by 1 km/h, and every time it is long pushed down, the vehicle speed will continue to decrease by 5 km/h until the button is released.

(2) When the function is turned on, short push this button upward to increase the vehicle speed

Increase the vehicle speed by 1 km/h. Each long push upward will increase the vehicle speed continuously by 5 km/h until the button is released.

(3) After the function is exited, pull this button up to reactivate it.

Function activation

Operating conditions

1. The vehicle speed does not exceed 140 km/h.

2. The ADAS camera and millimeter wave radar function normally with clear vision.

3. All components of the ACC function are normal.

4. The vehicle meets all safety conditions, such as: the driver fastens the seat belt, all doors are closed, the vehicle is in D position, and the driver does not step on the brake pedal; Anti-lock system, TCS and vehicle stability control system are not triggered; The TCS and vehicle stability control system are not manually disabled.

1. Shift lever

When the ACC working conditions are met, the gray ACC ON indicator lamp on the instrument cluster will come on, and it can be activated by toggling the shift lever downward once to the limit position

ACC:

1. When there is no vehicle ahead, ACC can be turned on within the vehicle speed range of 15~130 km/h.

2. When there is a vehicle ahead, ACC can be turned on within the vehicle speed range of 0~130 km/h.

3. When the vehicle speed is lower than 30 km/h, 30 km/h is automatically set as the cruising speed. When the vehicle speed is higher than 30 km/h, the current vehicle speed can be set as the cruising speed.

When the ACC function is turned on, the driver can release the accelerator pedal, and the vehicle will maintain the set cruising speed.

△Warning
The above maximum speed is the maximum speed theoretically supported by ACC. When using ACC, please observe road traffic safety regulations, including but not limited to vehicle speed regulations.

Following start/stop

After ACC stops following the vehicle ahead, ACC will start following the vehicle ahead only when the distance from the vehicle ahead is more than about 4 m. After following the vehicle ahead for about 3 seconds, it can be activated again by toggling the cruise control key or stepping on the accelerator pedal, and the previously set

cruising speed will be restored. ACC will automatically exit after more than 3 minutes.

Function exit

The function exits when any of the following conditions is met:

1. Toggle the shift lever upward.
2. Depress the brake pedal.
3. The vehicle speed is out of the valid range.
4. Keep stepping on the accelerator pedal to take over the vehicle actively for about 1 minute.
5. The vehicle follows and remains stationary for more than 3 minutes.

When the deceleration capability of the ACC is insufficient to keep a sufficient distance between the vehicle and the vehicle in front under certain driving conditions, the ACC will require the driver to take over the vehicle in time.

△Warning
ACC may exit automatically under unexpected circumstances. Please always pay attention to the traffic conditions and road environment, and be ready to take over the vehicle at any time.

Cruise control recovered

When exiting ACC by toggling the shift lever upward or pressing the brake pedal, ACC can be activated again by toggling the cruise control button upward and restore the previously set cruising speed.

Functional limitations

ACC does not always work in all situations. Unnecessary, untimely, invalid or omitted warnings may occur for a variety of reasons, such as:

1. Radar is limited.
2. The target is not directly in front of the vehicle.
3. The target speed is too fast, and other vehicles suddenly change lanes and appear in the detection area.

The following conditions may cause the camera recognition malfunctions, affect the ACC performance, and even cause the ACC to exit. This includes, but is not limited to:

1. The installation position of the camera is changed.
2. The camera is blocked or dirty.
3. The recognition capability is decreased at night.
4. The surrounding environment is dark, such as dawn, dusk, night, and tunnel.
5. Sudden changes in ambient brightness, such as tunnel entrances or exits.
6. Large shadows cast by buildings, landscapes, or large vehicles.
7. The camera is exposed to direct light.

8. Rain, snow, fog, haze and other severe weather.

9. Exhaust, water spray, snow or dust raised by the vehicle ahead.

10. Water, dust, micro scratches, grease, dirt, wiper, freezing, snow, etc. on windshield in front of camera.

11. Wet pavement.

The following conditions may cause radar recognition obstacles, affect ACC performance, and even cause function exit, including but not limited to:

1. The radar is misplaced or blocked, or covered with mud, ice and snow, metal plates, tape, labels, leaves, etc.

2. The radar or surrounding area is impacted by driving due to vehicle collision, scratches, etc.

3. Rain, snow, fog and other extreme weather conditions may affect the performance of the radar.

4. Due to the limitation of radar target identification characteristics, in rare special cases, false alarm may be generated for some metal guardrails, green belts, cement walls, etc.

△Warning

- Do not take your hands off the steering wheel while driving, and always pay attention to the road.
- As a ADAS function, ACC cannot cope with all traffic, weather and road conditions.
- When the relative speed between the vehicle and the vehicle ahead is greater than 50 km/h, if the vehicle ahead is stationary or slow, there is a risk that the vehicle cannot be stopped. To ensure safety, please deactivate ACC immediately in the above cases, and do not rely on ACC to brake or follow the vehicle ahead to stop the stationary vehicle in the above cases.
- ACC can only control the speed of the vehicle, but not the driving direction of the vehicle.

△Warning

- ACC is a comfort function, not an anti-collision function. The maximum deceleration is limited. Do not rely on ACC to fully decelerate the vehicle to avoid collision.
- It is not allowed to use ACC on hill roads, smooth roads (where water skiing is likely to occur), roads with poor conditions (such as slippery roads, waterlogged roads, gravel roads, construction roads, etc.) and bad weather with low visibility (such as heavy fog, rainy days or snowy days, etc.), or when snow, ice, fog, dirt and dust block the sensor, otherwise there is a risk of accidents!


Caution

- ACC is mainly suitable for long-distance driving on dry and smooth standardized straight roads. It is not recommended to use ACC under special or complex road conditions, which may affect ACC performance and even cause the function to exit.
- When the following distance is set close, the vehicle brakes frequently, which may cause discomfort to the occupants.
- The instrument cluster display is only for illustration and does not fully reflect the real traffic conditions. Therefore, do not rely too much on the display content of the instrument cluster.
- ACC may not be able to sense motorcycles, battery cars, tricycles or other non-vehicle objects.
- ACC may miss the detection of stationary or slow-moving vehicles, and cannot guarantee the identification of special vehicles, especially at night. For example: vehicles with shielded tail, vehicles with irregular shape, vehicles with the vertical plane of the tail lower than a certain height, etc.
- The ACC system can assist driver but cannot replace driver in driving. Even if the ACC is turned on, the driver must drive carefully, be ready to take over the vehicle at any time, and obey the traffic rules.


Caution

- ACC occasionally accelerates/brakes when acceleration/braking is not required, which may be caused by a change or loss of following target (especially during turns or lane changes).
- The driver must always pay attention to the traffic conditions and road environment, and decide whether to use ACC independently under the premise

of ensuring safety. When using ACC, if you find that the traffic conditions, road environment or vehicle conditions are not suitable for using this function, or there are other unsafe factors, you should be ready to take over the vehicle at any time. The driver always bears the ultimate responsibility for maintaining a suitable distance and speed, and complying with current traffic laws and regulations.

Super cruise control (SCC)

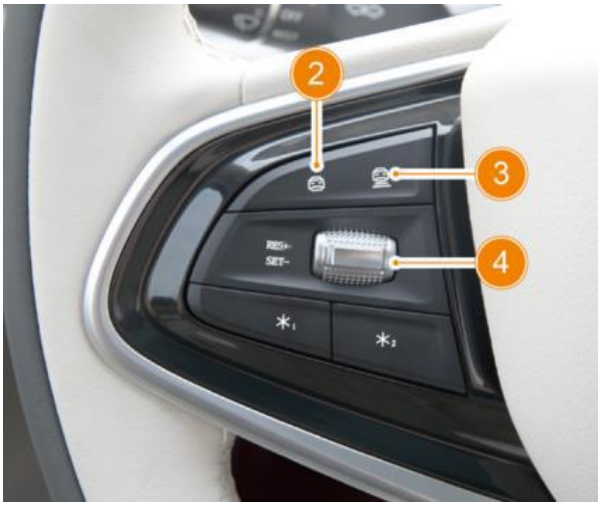
On the basis of realizing the longitudinal control of cruise control, fixed-distance cruise and following start/stop, SCC is added with lateral control function to keep the vehicle running in the lane marking.

Longitudinal control: that is, the adaptive cruise control (ACC) function, which can automatically adjust the speed of the vehicle according to the speed of the vehicle ahead to ensure the safe distance of the vehicle following.

Lateral control: that is LKA function. When the lane marking is clear, the steering wheel can be controlled to ensure that the vehicle runs in the middle of the lane.

SCC is mainly applicable to lane marking clear and closed roads with access restrictions, such as high-speed and elevated main roads and congested sections.

Button description:



1. The cruise control function is turned on

2. Cruise control distance - button

When the function is on, press this button to decrease the following distance to the minimum first position.

3. Cruise control distance + button

When the function is on, press this button to increase the following distance, which can be adjusted in four positions.

4. Cruise control button

(1) When the function is on, short push down this button, the vehicle speed will decrease by 1 km/h, and every time it is long pushed down, the vehicle speed will continue to decrease by 5 km/h until the button is released.

(2) When the function is on, short push this button upward to increase the vehicle speed by 1 km/h. Each long push upward will increase the vehicle speed continuously by 5 km/h until the button is released.

(3) After the function is exited, pull this button up to reactivate it.

Function activation

Operating conditions

1. The vehicle speed does not exceed 140 km/h.

2. The ADAS camera and millimeter wave radar function normally with clear vision.

3. All components of the SCC are normal.

4. The vehicle meets all safety conditions, such as: the driver fastens the seat belt, all doors are closed, the vehicle is in D position, and the driver does not step on the brake pedal; Anti-lock system, TCS and vehicle stability control system are not triggered; The TCS and vehicle stability control system are not manually disabled.

1. Shift lever

When the road conditions are good and the lane marking is clear, the gray indicator lamp on the instrument cluster will come on when the vehicle is running in the lane. Press the shift lever down to the limit position twice to activate SCC:

1. If the lane marking on both sides are clear and the vehicle is in the center of the lane, it will enter the lateral and longitudinal controls at the same time.

2. If the lane marking on both sides is not clear or the vehicle is not in the center of the lane, it will enter the longitudinal control first and start searching for the lane marking, and enter the lateral control at the same time after the conditions are met.

When there is no vehicle ahead, SCC can be activated at vehicle speed of 15~130 km/h; When there is a vehicle ahead, SCC can be activated at a vehicle speed of 0~130 km/h, and the indicator lamp will come on for the blue high-level cruise function activation of the instrument cluster.

1. When the vehicle speed is lower than 30 km/h, 30 km/h is automatically set as the cruising speed.

2. When the vehicle speed is higher than 30 km/h, the current vehicle speed can be set as the cruising speed.

When SCC enters longitudinal control and starts searching for lane marking, you can release the accelerator pedal and SCC will maintain the set cruising speed.

When there is a vehicle ahead, SCC will automatically adjust the speed according to the speed and distance of the vehicle ahead, and the maximum speed will not exceed the cruising speed. When there is no vehicle ahead, SCC will quickly control the speed of the vehicle to cruising speed.

When SCC enters lateral control, it will actively control the direction, but please keep your hands lightly holding the steering wheel. At this time, the superimposed hand force may have a slight impact on the lateral control. Please pay close attention to the vehicle's driving conditions and be ready to take over the steering wheel to control the direction at any time.

The steering wheel may rotate when the SCC is controlling the direction. When SCC accelerates actively, the accelerator pedal will not move; The brake pedal may move when the SCC decelerates.

△Warning

- When the lane marking on both sides is not clear and the vehicle is following the vehicle ahead, if the vehicle ahead changes lanes slowly, the vehicle has the risk of collision with the vehicle next to it. You need to be ready to take over the vehicle at any time to ensure driving safety.

- The system may miss the alarm. Do not rely on the system to remind you to hold the steering wheel.
- The instrument cluster display is only for illustration and does not fully reflect the real traffic conditions. Do not rely on the display content of the instrument cluster.
- When the lane marking on both sides is not clear, but there is a qualified vehicle directly in front at close range, the vehicle can follow the vehicle in a short time.
- When using SCC, you must hold the steering wheel and look at the road ahead. If the system detects that you are still not holding the steering wheel after a period of time, it will display the text "Please hold the steering wheel" on the instrument cluster and sound a prompt tone. If the system detects that you have not held the steering wheel all the time after a period of time, the SCC function will exit.

 Caution

- SCC may still prompt an alarm when you hold the steering wheel. In this case, you can hold or shake the steering wheel gently to cancel the alarm.

Vehicle following start/stop

When SCC stops following the vehicle ahead:

1. SCC will start to follow the vehicle only when the vehicle ahead starts to move away from the vehicle for more than about 4 m.

2. If the vehicle ahead starts, SCC will automatically follow the vehicle to start. You need to confirm the safety of the surrounding environment at all times to avoid collision accident.

3. When you stop following the vehicle ahead for more than 5 seconds, you need to confirm that the surrounding environment is safe, and then activate the SCC by toggling the cruise control button upward or depressing the accelerator pedal, and then the vehicle will start to follow the vehicle ahead.

4. SCC will exit after following the vehicle ahead for more than 3 minutes.

Takeover and recovery

When driving with SCC, you can step on the accelerator pedal deeply or turn the steering wheel at any time to take over the vehicle actively. When the vehicle is actively taken over in this way, SCC will no longer respond to the target vehicle ahead.

After stopping deep pressing the accelerator pedal, SCC will immediately resume longitudinal control.

When the steering wheel is turned to take over actively, the SCC lateral control will temporarily exit, but the longitudinal control will be retained and the lane marking will be searched. At this time, the direction of the vehicle is controlled by you.

After the steering wheel stops turning, SCC will automatically resume lateral control if the lane marking on both sides is clear and the vehicle is in the middle of the lane.

After exiting SCC by toggling the shift lever upward once or depressing the brake pedal, it can be activated again by continuously toggling the shift lever downward twice and restore the previously set cruising speed.

When the SCC follows the vehicle ahead, it can be activated again by toggling the cruise control key upward or depressing the accelerator pedal, and the previously set cruising speed will be restored.

Re-activate SCC, enter the longitudinal control preferentially and start searching for lane marking. If the lane marking on both sides is clear and the vehicle is in the center of the lane, enter the lateral control at the same time.

 Caution

- When the SCC lateral control is working normally, if you need to change lanes, please take the initiative to take over the steering wheel to control the direction of the vehicle and exit the SCC lateral control.
- When the SCC lateral control is working normally, the SCC lateral control will temporarily exit when the turn signal lamp is turned on by toggling the turn signal/windshield wiper switch. You need to take over the steering wheel to control the vehicle direction in time. At this time, the longitudinal control is retained and the lane marking is continuously

searched, and the lateral control is automatically restored when the conditions are met.

Function exit

When the following conditions occur, SCC will exit the activated state, no longer automatically control the speed and direction, and remind you by sound:

1. Pull the shift lever up once.

2. Depress the brake pedal.

3. Keep stepping on the accelerator pedal to take over the vehicle actively for about 1 minute.

4. The vehicle is stationary for about 3 minutes.

In addition, when the SCC does not meet the working conditions, it will exit by itself. Please take over the brake pedal, accelerator pedal and steering wheel of the vehicle immediately after the SCC exits to control the speed and direction of the vehicle.

 Caution

After the SCC exits, the vehicle may slow down due to energy recovery braking, and the direction and speed will no longer be automatically controlled.

Functional limitations

The following conditions may cause SCC lateral control failure or temporary exit, and will remind you through sound and text, requiring you to take over the steering wheel control of the vehicle direction in time. At this time, the longitudinal control is retained and the lane marking is continuously searched, and the lateral control is automatically restored when the conditions are met. This includes, but is not limited to:

1. Pass through curves with excessive curvature, such as high-speed ramps.

2. The lane marking is not clear, worn, missing, crossed, or blocked by shadows cast by other vehicles or buildings or scenery.

3. Pass through the road section without lane marking, such as non-standardized roads, intersections, construction areas, etc.

4. Pass through the road section with special lane marking, such as deceleration warning lines, diversion lines, etc.

5. Pass through the areas with unclear lane division, such as lane marking convergence or separation areas, highway ramps, urban intersections, left-turn waiting areas, etc.

6. The pavement has edges or other high-contrast lines that are not lane markings, e.g., pavement joints, curb, etc.

7. The lane marking cannot be recognized or is not recognized correctly due to the height change (e.g., when going uphill or downhill).

8. The lane marking cannot be recognized or

is incorrectly recognized due to light reasons, such as strong light causing the lane marking to reflect light, poor weather, poor visibility or insufficient light at night.

9. The distance between the lane marking on both sides is too wide or too narrow.

The following conditions may cause the camera recognition malfunctions, affect the SCC performance, and even cause the SCC to exit. This includes, but is not limited to:

1. The installation position of the camera is changed.

2. The camera is blocked or dirty.

3. The recognition capability is decreased at night.

4. The surrounding environment is dark, such as dawn, dusk, night, and tunnel.

5. Sudden changes in ambient brightness, such as tunnel entrances or exits.

6. Large shadows cast by buildings, landscapes, or large vehicles.

7. The camera is exposed to direct light.

8. Rain, snow, fog, haze and other severe weather.

9. Exhaust, water spray, snow or dust raised by the vehicle ahead.

10. Water, dust, micro scratches, grease, dirt, wiper, freezing, snow, etc. on windshield in front of camera.

11. Wet pavement.

The following conditions may cause radar recognition obstacles, affect SCC performance, and even cause function exit, including but not limited to:

1. The radar is misplaced or blocked, or covered with mud, ice and snow, metal plates, tape, labels, leaves, etc.

2. The radar or surrounding area is impacted by driving due to vehicle collision, scratches, etc.

3. Rain, snow, fog and other extreme weather conditions may affect the performance of the radar.

4. Due to the limitation of radar identification target characteristics.

5. In rare special cases, false alarm may be generated for some metal guardrails, green belts, cement walls, etc.

If the relative speed to the vehicle ahead is too high under the following conditions, the SCC may have limited control ability, which will result in failure to maintain the distance in time. This includes, but is not limited to:

1. The vehicle ahead suddenly maneuvers (such as sudden turning, acceleration, deceleration, etc.).

Excessive wear, abnormal tire pressure, etc.).

2. Other vehicles suddenly drive in or out of the front of the vehicle.

3. When the vehicle suddenly drives into the rear of the vehicle ahead.

4. The vehicle runs at a high speed towards a stationary or slow-moving target ahead.

Sufficient brake force may not be obtained in the following cases. This includes, but is not limited to:

1. The brake function cannot work completely (e.g. brake parts are too cold, overheated, wet, etc.).

2. Improper vehicle maintenance (such as excessive wear of brake or tire, abnormal tire pressure, etc.).

3. The vehicle is running on special roads (such as uphill and downhill, waterlogged, muddy, potholed, ice and snow-covered roads, etc.).

The following situations may cause SCC to recognize and respond too late because the target is not directly ahead, including but not limited to:

1. SCC will not respond to targets in the blind spot of the sensor. For example, the corner blind spot and side blind spot of the vehicle cannot be detected.

2. When approaching or turning through the road, the target may be mistakenly selected or missed, resulting in unexpected acceleration and deceleration of the vehicle.

3. Being on a slope may cause loss of target or misjudgment of distance from vehicle ahead. Driving speed will increase when going downhill, resulting in exceeding cruising speed.

4. When only part of the body of the vehicle in the adjacent lane drives into the front of the vehicle (especially large vehicles such as buses and trucks), it may not be able to recognize the response, and you need to take over in time.

5. When the vehicle suddenly drives into the rear of the vehicle in front, or other vehicles suddenly drive into or out of the front of the vehicle, the target may not be identified in time, and you need to take over in time.

△Warning

- As a ADAS function, SCC cannot cope with all traffic, weather and road conditions. Do not rely solely on this system.
- SCC cannot guarantee the identification of special vehicles, such as vehicles with blocked rear, irregular vehicles, vehicles with rear vertical plane lower than a certain height, no-load vehicles, etc. Particular attention is required, especially at night.
- SCC may exit due to unexpected circumstances. Please always pay attention to the traffic conditions and road environment, and be ready to take over the vehicle at any time.

△Warning

- You must always pay attention to the traffic conditions and road environment, and decide whether to use SCC independently under the premise of ensuring safety. When using SCC, if you find that the traffic conditions, road environment or vehicle conditions are not suitable for using this function, or there are other unsafe factors, you should be ready to take over the vehicle at any time. You are always

ultimately responsible for maintaining a suitable distance, vehicle speed and direction, and complying with current traffic laws and regulations.

- SCC is a comfort function, not an anti-collision function. The maximum deceleration of SCC is limited and is less than the maximum deceleration that can be requested during AEB and driving, so do not rely on SCC to fully decelerate the vehicle to avoid collision.
- The maximum steering force of SCC is limited and less than the maximum steering force that can be requested during driving. Therefore, do not rely on SCC to fully steer the vehicle to control the direction. You should always be ready to take over the steering wheel control direction, especially in curves.
- When the relative speed between the vehicle and the vehicle ahead is greater than 50 km/h, if the vehicle ahead is stationary or slow, there is a risk that the SCC cannot stop the vehicle. To ensure safety, please deactivate SCC immediately in the above cases, and do not try to stop the vehicle or follow the vehicle ahead with SCC in the above cases.
- If it is necessary to turn, turn around, or pass through winding and sharp turn roads, the driver shall take over the steering wheel to control the direction immediately. Do not use SCC in these cases.
- Do not use SCC in bad weather, on roads with small turning radius, on roads with unclear lane marking or poor lighting, or in complex environments with many pedestrians or animals.

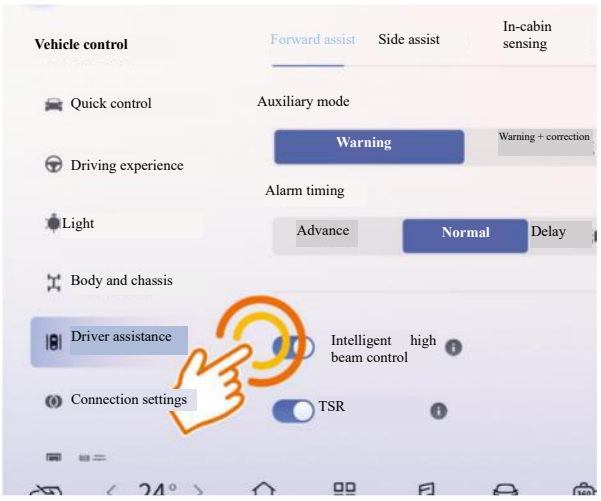
Caution

- SCC may provide visual and auditory reminders of hazardous targets ahead, lane changes, unclear lane marking, sharp turn, construction areas or camera with limited visibility. Please drive carefully.
- The environment reminder is for reference only and cannot replace your attention and judgment. It may be invalid, improper or untimely due to several factors. You must always pay attention to the traffic conditions and road environment, and do not rely on the judgment of environmental reminders.
- SCC may occasionally accelerate when acceleration is not needed or intended, which may be caused by a change or loss of the following target (especially during turns or lane changes).
- When following the vehicle ahead, if the vehicle drives out of the current lane or the vehicle ahead drives out, the function may be limited for a period of time to ensure safety. You can actively step on the accelerator pedal to take over the vehicle.
- SCC may occasionally apply the brakes when they are not needed or intended. This may be caused by detecting a change or loss of a vehicle, object or stationary target in the adjacent lane, especially during a turn or lane change.
- SCC cannot detect vehicles on other lanes, other sides of the vehicle (except the rear), children, pedestrians, animals, traffic lights, walls or other objects and apply braking to them.

Intelligent high beam control (IHC)*

During driving, the vehicle automatically switches the high and low beam according to the driving environment, including ambient light factors such as vehicles and street lights.

Switch settings



Click [Vehicle Control] - [ADAS] - [Forward Assist] - [IHC] in the infotainment system homepage navigation bar, you can turn this function on or off.

Function activation

On the premise that the switch is on, when the vehicle speed is greater than 30 km/h and the low beam is on, the IHC function is on.

Function trigger

Turn on the high beam: the external environment is dark and there are no other traffic participants ahead.

Turn off the high beam: the external environment is bright or there are other traffic participants ahead.

Function exit

If the IHC meets any of the following conditions, the function will exit:

1. Low beam is turned off.

2. The infotainment system IHC switch is off.

3. The vehicle speed drops below 25 km/h.

4. The light control handle is in the overtaking lamp position/high beam position.

Functional limitations

1. Rain, ice, snow, dense fog and dirt may cause degradation of IHC performance.

2. When the light of the oncoming vehicle is blocked (such as the crash barrier), IHC may not work properly.

3. When there are highly reflective objects (such as traffic signs) near the road, IHC may not work properly.

4. When driving on bad road sections (such as slippery road, slopes or pits, sharp turn, etc.), IHC may not work normally due to unstable body.

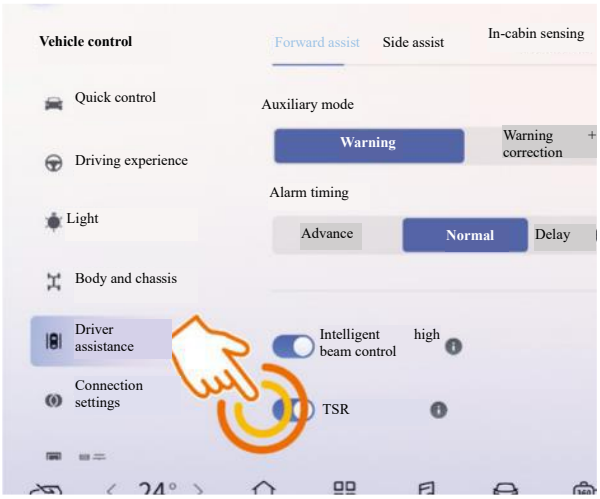
△Warning

- The IHC is an auxiliary function and cannot function in all driving situations or traffic, weather and road conditions. The driver shall always bear the ultimate responsibility for ensuring safe driving of the vehicle and shall comply with applicable laws and road traffic rules.
- Extreme weather such as heavy rain, heavy snow, heavy fog, or when the camera is blocked, it may affect the normal use of this function. Please drive carefully.

Traffic sign recognition (TSR)*

When the vehicle passes by the traffic speed limit sign, the TSR system automatically recognizes the road traffic signs and displays them on the instrument cluster, and gives a visual prompt when the speed is exceeded. It prompts the driver to drive carefully.

Switch setting



Click [Vehicle Control] - [ADAS] - [Forward Assist] - [TSR] in the infotainment system homepage navigation bar, you can turn this function on or off. After the switch is turned on, the function is automatically turned on after the vehicle is started.

Function trigger

When the vehicle passes a speed limit sign, the instrument cluster displays the speed limit sign. When the vehicle exceeds the speed limit, the speed limit sign on the instrument cluster flashes and disappears after 10 s or lower than the speed limit.

Functional limitations

The following conditions may cause the TSR to fail to operate as intended or be limited, including but not limited to:

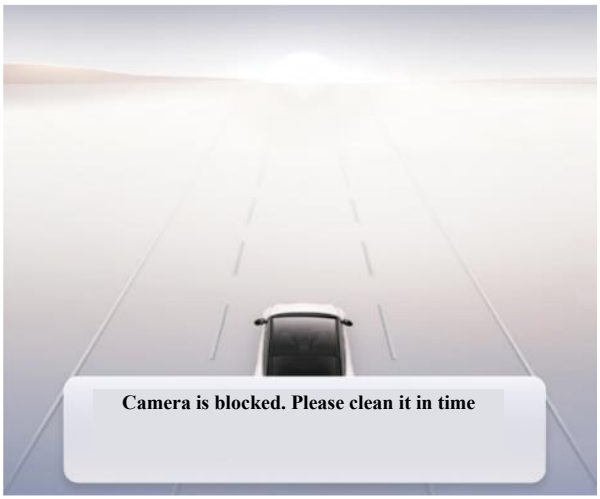
1. The ADAS camera is blocked.

2. The navigation map information is outdated or inaccurate.

3. Road signs are faded, damaged, obscured, covered by ice, snow, dust or on curves.

4. Multiple speed limit signs appear consecutively, or there are different speed limit signs on adjacent roads.

5. Signs that are not traffic speed limits may be identified by TSR as speed limit signs due to reasons such as clarity of traffic signs.



When the camera needs to be cleaned, a text prompt appears on the instrument cluster. In this case, please use the wiper spray function to clean the glass or contact the Forthing Special Service Station.

Warning

- As a ADAS function, TSR cannot cope with all traffic, weather and road conditions. The driver must always pay attention to the traffic conditions and road environment, and decide whether to use this function independently under the condition of ensuring safety.
- The driver always bears the ultimate responsibility for safe driving and compliance with current traffic laws and regulations.

Caution

- TSR system currently only detects some signs such as speed limit signs, no overtaking, attention to children, road construction, etc.
- The instrument cluster display is only for illustration and does not fully reflect the real traffic conditions. Do not rely on the display content of the instrument cluster.
- The TSR cannot accurately identify embedded traffic signs and traffic signs with auxiliary signs.
- The TSR can detect standard signboards, LED speed limit signs or speed limit release signs within 5~120 m in front of the vehicle.

- The TSR may not be able to recognize the traffic sign when the sensor is blocked by snow, ice or dust on a curved road or a ramp road.
- TSR displays the speed limit information on the instrument cluster according to the speed limit sign identified by the ADAS camera; When there is no speed limit information source for the ADAS camera, no speed limit prompt will be displayed.
- To ensure the camera performance, do not block the camera detection part, such as adding stickers, add-ons, etc.

Side rearward driving assistance*

The side rear assist system can detect the vehicle behind or in the adjacent lane through the sensors on both sides of the rear bumper. If there is a collision risk, the system will send an alarm to remind the driver to drive safely.

The main functions of the side rearward driving assistance include:

1. LCA.

2. DOW.

3. RCTA.

4. RCW.

Sensor

The radar sensor is located inside the rear bumper.

Caution

- The rear millimeter wave radar is installed on the inside of the rear bumper. In order to avoid affecting the performance of the millimeter wave radar, it is strictly forbidden to paint or install the bumper without permission.
- Improper maintenance or modification of the vehicle may cause misalignment of the sensor and affect the normal operation of the side rear assist system. Therefore, it is recommended that you contact the Forthing Special Service Station.
- When towing other vehicles, please turn off the side rearward driving assist system.
- Please keep both sides of the rear bumper clean, do not paste any objects, and do not cover them with foreign matters such as ice, snow, mud, etc., so as not to affect the normal operation of the sensor.

△Warning

- When the radar fails to work normally, the functions that rely on the radar to provide detection information will be limited, resulting in abnormal operation of these functions. At the same time, the radar has a limited detection range and cannot detect targets outside the detection limit.
- Poor environmental conditions of the radar will affect the normal operation of the radar. In addition, abnormal target conditions detected by the radar will also affect the detection results of the radar.

The following conditions can cause the radar to fail to detect the target, detect the delay, or detect the error:

1. Poor climatic conditions (such as heavy rain, heavy snow, dense fog, etc.).

2. The inside and outside of the rear bumper of the radar surface or the radar irradiation area are adhered to by foreign matters such as ice, snow, water and dust.

3. The target detected by the radar is attached with substances that absorb electromagnetic waves, such as snowflakes, foam, cotton objects, etc.

4. There are objects near the vehicle that can cause erroneous reflection of electromagnetic waves, such as interference from strong reflective objects such as iron sheet construction fences, irregular guardrails, continuous speed bumps with metal parts.

5. The vehicle bumps or shakes due to uneven roads or other reasons.

6. The volume of the detected object is too small.

7. There is electromagnetic wave interference with the same frequency around.

The above examples, warnings and restrictions do not cover all the conditions that affect the normal operation of the radar sensor.

In order to protect radio astronomy services working in the same frequency band, vehicles loaded with automotive radars shall not be driven within the

interference protection distance of relevant radio astronomy observatories in China.

Warning lamp

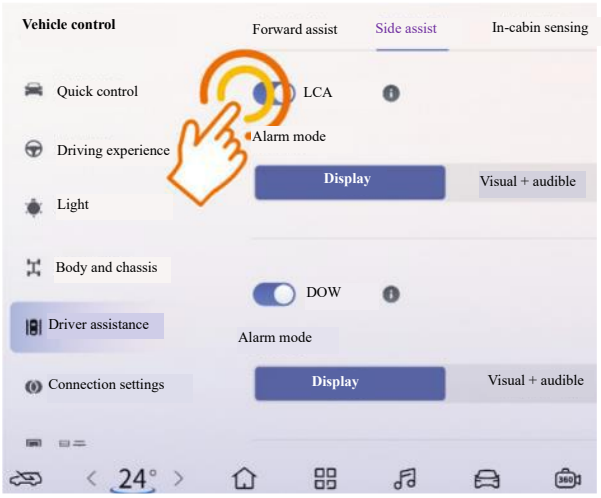
The warning lamp is located at the mirror housing of the left and right outside rearview mirrors.

△Warning
Do not paste any objects on the warning lamp to avoid affecting the system alarm function.

Lane change assist (LCA)

The LCA system includes blind spot detection and lane change warning, which can detect vehicles approaching the vehicle from the side rear and provide warning information to avoid collision.

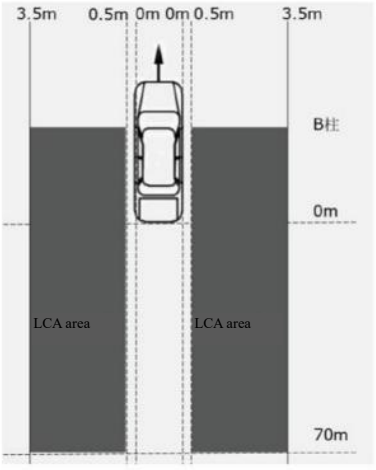
Switch setting



Click [Vehicle Control] - [ADAS] - [Side Assist] - [LCA] in the infotainment system homepage navigation bar, you can turn this function on or off.

After the LCA system is turned on, [Display] or [Display + Sound] can be selected. When the vehicle speed is greater than 15 km/h, the function activation monitors the vehicle condition behind the vehicle in real time to ensure the safety of lane change.

LCA range



The LCA monitoring area is 3.5 m outside the vehicle and about 70 m behind it, as shown in the figure. The shaded area is the early warning area, which is symmetrical on the left and right.

Function trigger

When a vehicle in the blind spot of the driver and a vehicle approaching quickly from behind are detected, the blind spot warning lamp on the outside rearview mirror will come on. If you turn on the turn signal lamp on the corresponding side under this circumstance, you will be reminded not to change lanes through the following warnings:

1. The rear side of the driving interface of the instrument cluster turns red.

2. The outside rearview mirror blind spot warning lamp flashes.

3. Intermediate frequency alarm sound.

Function exit

The function exits when any of the following conditions is met:

1. The infotainment system LCA function switch is off.

2. The vehicle is in non-D position.

3. The vehicle speed is less than 12 km/h.

4. The system is faulty.

Functional limitations

LCA may not always work in all situations. Various reasons may cause unnecessary, untimely or ineffective warnings or missed warnings, such as radar limitation or large moving metal objects in the blind spot.

When driving on a road with large curves, wide lanes or uneven roads, the LCA system may not be able to alarm the vehicle driving in the adjacent lane. The LCA system may give false alarm under the following conditions:

1. When the driving place is close to the protective fence.

2. Driving on bridges, under bridges or in tunnels.

3. Drive beside shrubs, trees, etc.

4. There are utility poles, street lamps or cement low walls beside the driving road.

5. Driving in the vicinity of construction areas such as factory buildings, ports, etc.

6. When driving on urban roads or turning at multi-lane intersections.

The above warnings and limitations do not address all situations that may interfere with the LCA system. There are many factors that can cause the LCA system to fail. To avoid collision, the driver should be alert and always pay attention to the road conditions when driving the vehicle, so as to change lanes under safe conditions.

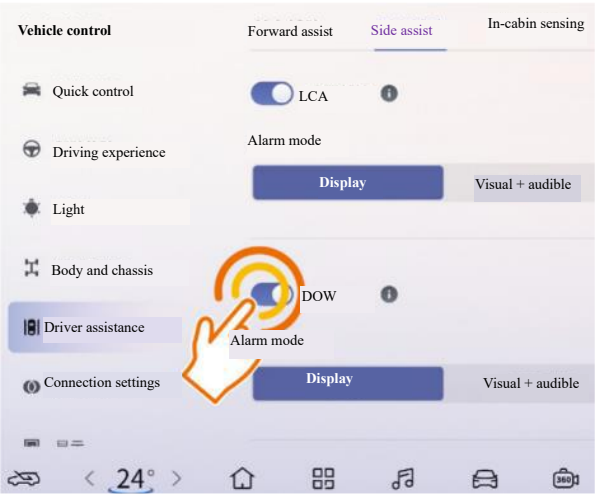
Caution

- When the ambient noise is high, such as the sound volume in the car is too loud or the noise outside the car is too loud, the alarm sound may not be heard.
- The LCA system is a driving assistance function and may not work in all cases.
- The instrument cluster display is only for illustration and does not fully reflect the real traffic conditions. Do not rely on the display content of the instrument cluster.
- The LCA system cannot replace safe driving and the use of rearview mirror.

Door opening warning (DOW)

When the vehicle is stationary, the DOW system can detect vehicles, cyclists or pedestrians approaching the vehicle from behind. When a target is detected approaching, the driver or passenger opens the door, and the DOW system will send a warning message.

Switch setting

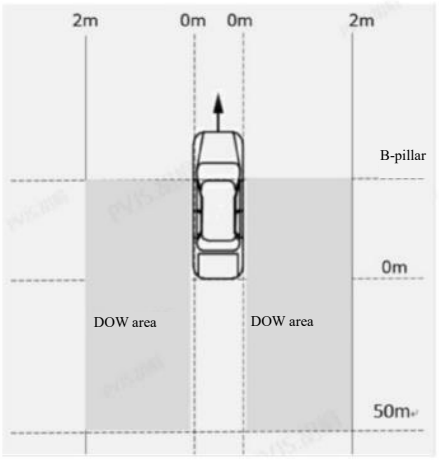


Click [Vehicle Control] - [ADAS] - [Side Assist] - [DOW] in the infotainment system homepage navigation bar, you can turn this function on or off

For this function, the alarm mode can be selected as [Display] or [Display + Sound].

On the premise that the function is turned on, the function is turned on when the vehicle speed is 0 km/h, and the vehicle condition behind the vehicle is monitored in real time.

DOW range



The alarm area of the DOW system is from 0 m to 2 m laterally on the left and right sides of the vehicle, and from the position of the B-pillar to 50 m behind the rear of the vehicle, as shown in the figure. The shaded area is the early warning area, which is symmetrical on the left and right.

Function trigger

When the DOW detects that the vehicle door has a collision risk, if the door is unlocked but not opened, the level-1 alarm will be triggered, that is, the blind spot lamp on the rearview mirror on the same side will be on for a long time.

When the DOW detects that the vehicle door has a collision risk, if the door is opened, the level-2 alarm will be triggered, and the vehicle will be prompted in the following ways:

1. The rear side of the driving interface of the instrument cluster turns red.

2. The outside rearview mirror blind spot warning lamp flashes.

3. Intermediate frequency alarm sound.

4. The instrument cluster prompts "danger of opening the left/right door".

5. The corresponding side interior ambient light flashes (some models).

6. The voice sounds "Danger when opening the door, please pay attention" (only once voice when opening the door).

7. The hazard warning lamp comes on.

Function exit

The function exits when any of the following conditions is met:

1. The DOW function switch of the infotainment system is turned off.

2. The vehicle speed is higher than 0 km/h.

3. The vehicle is powered off for more than 3 minutes.

4. The system is faulty.

Caution

- The DOW system is effective only when the vehicle is stationary, and will not work when the vehicle is moving.
- When the ambient noise is high, such as the

sound volume in the car is too loud or the noise outside the car is too loud, the alarm sound may not be heard.

• Even when the vehicle is stationary, the DOW system cannot work in all situations, and cannot replace the visual observation of the driver and passengers, as well as the functions of the inside and outside rearview mirrors. Do not rely too much on the DOW system.

Caution

● When the vehicle is woken up from sleep, the DOW system will work only when it is woken up by power-on.

● The DOW system is designed to remind the driver and passengers to pay attention to the environmental safety when opening the door. Due to the performance of the sensor and the complexity of the traffic environment, it may issue unnecessary alarm or no alarm. In order to ensure personal safety, the driver and passengers are responsible for actively observing the door environment before getting off the vehicle.

● The instrument cluster display is only for illustration and does not fully reflect the real traffic conditions. Therefore, do not rely on the display content of the instrument cluster.

Functional limitations

The DOW system does not always work in all situations. Unnecessary, untimely, invalid or omitted warnings may occur for a variety of reasons, such as:

1. Radar is limited.

2. Small or stationary targets.

3. The target is moving too fast or is turning.

For example, the target vehicle changes lanes to the rear of the vehicle, and other vehicles suddenly change lanes to the rear of the vehicle and appear in the detection area.

4. Other vehicles and cyclists directly behind the vehicle.

5. The subject vehicle stops at a corner or beside a wall.

The above warnings and limitations do not address all situations that may interfere with the DOW system. There are many factors that can cause the DOW failure. In order to avoid the risk of scratching when opening the door, please remember to observe whether the door opening environment is safe and suitable.

△Warning

● If the function does not work properly due to vehicle collision, scratches, radar faults or abnormalities, please contact the Forthing Special Service Station.

● Please keep the installation position of the bumper radar and the nearby area clean. If it is covered with soil, ice, snow, metal plate, tape, label, leaf, etc., its performance will be affected and the alarm will not work properly.

● If there is no fault prompt and the radar function is abnormal for a long time, please contact the Forthing Special Service Station.

● The system only issues warnings for detected vehicles, large motorcycles or objects, so there may be a certain degree of delay, or even no alarm for other targets including pedestrians, bicycle or skateboard.

● The system does not issue a warning for stationary objects. For some metal protective fences, green belts, cement walls, etc., false alarm may occur.

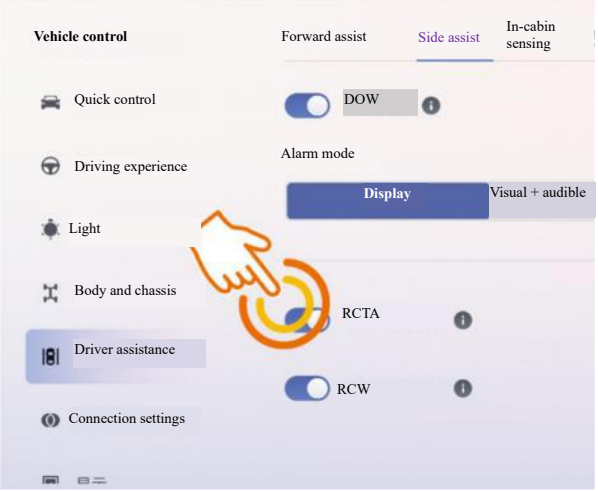
● Extreme weather such as heavy rain, heavy snow, and heavy fog may affect the performance of the radar. Please drive carefully.

● Do not use this function in towing mode.

Rear cross traffic alert (RCTA)

The RCTA system can detect vehicles, cyclists or pedestrians crossing behind the vehicle. When the vehicle is reversing, the system detects that a target is approaching and the vehicle has a collision risk, and the RCTA system will send out an early warning message.

Switch setting

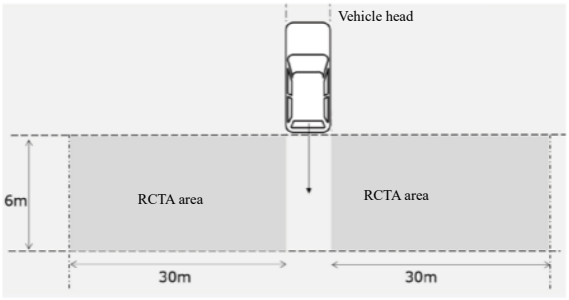


Click  [Vehicle Control] - [ADAS] - [Side Assist] - [RCTA] in the infotainment system homepage navigation bar, you can turn this function on or off

.

When the RCTA switch is turned on, the function is turned on when the vehicle is in R position and the vehicle speed is less than 15 km/h, and the crossing vehicles behind the vehicle are monitored in real time.

RCTA range



The RCTA system alarm area is 0 m to 30 m laterally on the left and right sides of the vehicle, and 6 m rearward from the rear of the vehicle, as shown in the figure. The shaded area is the early warning area, which is symmetrical on the left and right.

Function trigger

When RCTA triggers and detects a vehicle behind the vehicle When there is a collision risk when the vehicle crosses, the vehicle will be prompted in the following ways:

1. The rear side of the driving interface of the instrument cluster shows red arrow.

2. The outside rearview mirror blind spot warning lamp flashes.

3. Intermediate frequency alarm sound.

4. There is a red arrow behind the vehicle on the AVM/parking interface.

Function exit

The function exits when any of the following conditions is met:

1. The infotainment system RCTA function switch is off.

2. The vehicle is in non-READY state.

3. The vehicle is in non-R position.

4. The vehicle speed is greater than 15 km/h.

5. The system is faulty.

Caution

- The RCTA system is a driver assistance function and may not work in all cases.
- The RCTA system cannot replace safe driving and the use of inside and outside rearview mirrors.
- The driver must keep focused during the whole process of driving the vehicle, keep holding the steering wheel, pay attention to the road conditions around the vehicle at all times, and be ready to take over the vehicle at any time. It is always the driver's responsibility to reverse in a safe manner.
- RCTA is only a reminder and will not stop the vehicle. Do not rely on this function to avoid collision or reduce collision impact.
- RCTA may not respond to some non-vehicle objects.

Unnecessary, untimely or invalid warnings and omitted warnings of the RCTA system may occur for a variety of reasons, such as:

1. Radar is limited.

2. The detected object is moving too fast.

3. There are large, moving metal objects in the blind spot.

The following conditions may cause radar recognition degradation and affect the performance of the RCTA system, including but not limited to:

1. The radar is misplaced or blocked, or covered with mud, ice and snow, metal plates, tape, labels, leaves, etc.

2. The radar or surrounding area is impacted by driving due to vehicle collision, scratches, etc.

3. Rain, snow, fog, haze and other extreme weather conditions may affect the performance of the radar.

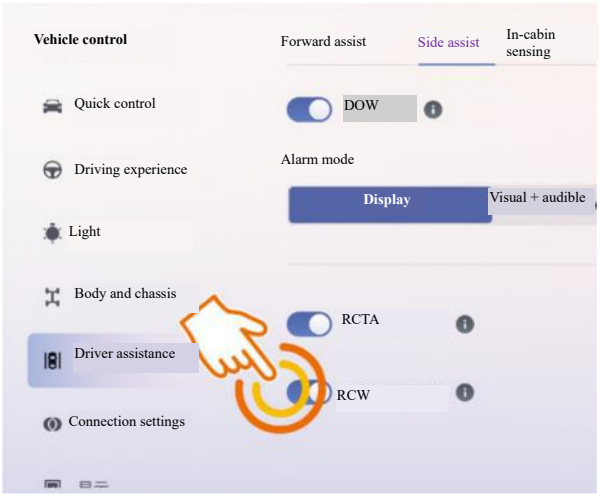
4. Due to the limitation of radar target identification characteristics, in rare special cases, false alarm may be generated for some metal guardrails, green belts, cement walls, etc.

The above warnings and limitations do not address all situations that may interfere with the RCTA system. There are many factors that can cause the RCTA system to fail. To avoid collision, the driver should be alert and always pay attention to the road conditions when driving the vehicle so that the vehicle can be reversed safely.

Rear collision warning (RCW)

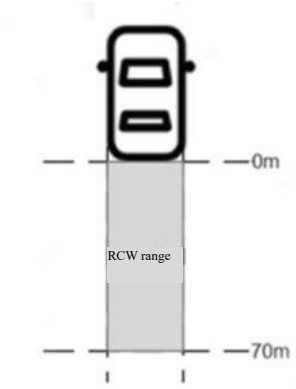
When the vehicle is driving, the RCW system will remind the driver when the vehicle behind is too close to the vehicle and there is a collision risk.

Switch setting



Click  [Vehicle Control] - [ADAS] - [Side Assist] - [RCTA] in the infotainment system homepage navigation bar, you can turn this function on or off.

RCW range



The alarm area of the RCW system is from the rear of the vehicle to 70 m behind, as shown in the figure. The shaded area is the early warning area.

Function trigger

When RCW triggers and detects that the vehicle behind is too close to have a collision risk, the vehicle will be prompted in the following ways:

1. The rear of the vehicle in the driving interface of the instrument cluster turns red.

2. The outside rearview mirror blind spot warning lamp

flashes.

3. The hazard warning lamp comes on.

Function exit

The function exits when any of the following conditions is met:

1. The RCW function switch of the infotainment system is turned off.

2. The vehicle is in non-READY state.

3. The vehicle is in R position.

4. The system is faulty.

Functional limitations

RCW does not always work in all situations. Unnecessary, untimely, invalid or omitted warnings may occur for a variety of reasons, such as:

1. Radar is limited.

2. The detected object is moving too fast.

3. There are large, moving metal objects in the blind spot.

The following conditions may cause radar recognition degradation and affect the performance of the RCW system, including but not limited to:

1. The radar is misplaced or blocked, or covered with mud, ice and snow, metal plates, tape, labels, leaves, etc.

2. The radar or surrounding area is impacted by driving due to vehicle collision, scratches, etc.

3. Rain, snow, fog, haze and other extreme weather conditions may affect the performance of the radar.

4. Due to the limitation of radar target identification characteristics, in rare special cases, false alarm may be generated for some metal guardrails, green belts, cement walls, etc.

The above warnings and limitations do not address all situations that may interfere with RCW. There are many factors that can cause the RCW system to fail. To avoid collision, the driver should be alert and always pay attention to the road conditions when driving the vehicle so that the vehicle can be reversed safely.

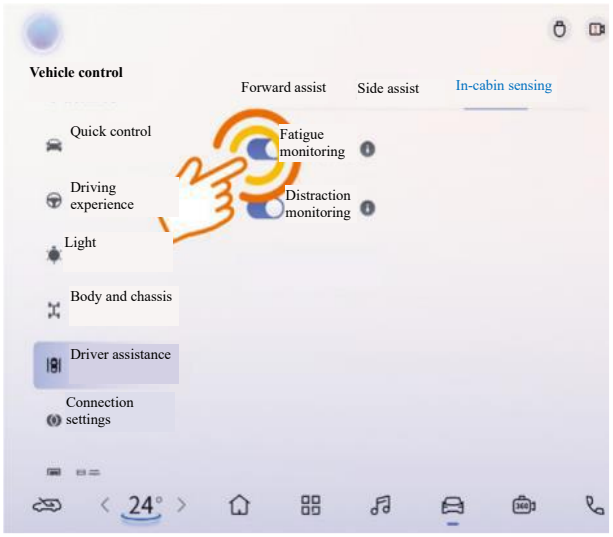
Caution

- RCW is only a reminder. Do not rely on this function to avoid collision or reduce collision impact.
- RCW is for reference only and cannot replace your visual inspection. It is always the driver's responsibility to drive in a safe manner.
- As a ADAS function, RCW cannot cope with all traffic, weather and road conditions, and may be faulty, inappropriate or untimely due to several factors.
- RCW may not be able to sense motorcycles, battery cars and tricycles. ● RCW cannot sense non-vehicle objects.

Driver monitoring*

The driver monitoring system monitors the driver's status and behavior characteristics through the camera in the vehicle, realizes the fatigue reminder and distraction reminder functions, and improves the driving experience.

Switch setting

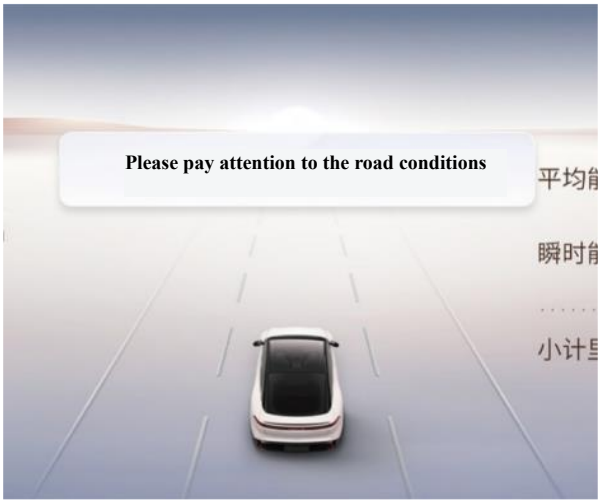


Click  [Vehicle Control] - [ADAS] - [In-Cabin Sensing] - [Fatigue Monitoring] and [Distraction Detection] in the infotainment system homepage navigation bar, you can turn the driver monitoring function on or off. After the function is turned on, the driver status will be monitored when the vehicle speed is higher than 30 km/h. This function is enabled by default when the system is delivered.

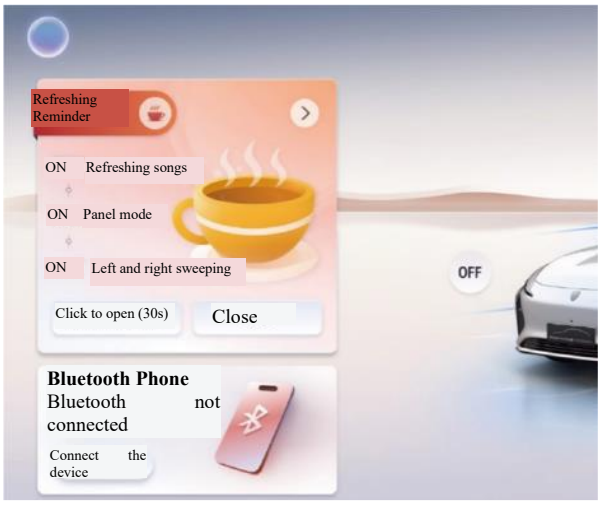
08

Function warning

Fatigue reminder



When the fatigue level is low, only the text prompt of "Please pay attention to the road conditions" is displayed on the instrument cluster.



When the fatigue level is high, the instrument cluster will prompt "You are fatigued", and the infotainment system will prompt to turn on the "Refreshing" scenario mode.

Distraction reminder

When the system detects that the driver is distracted, the text on the instrument cluster will prompt "Please concentrate on driving".

Caution

- Do not use decorative parts to block the interior monitoring camera or install any other parts and components in front of the camera to prevent the camera from being blocked and the real-time status of the driver from being detected correctly.
- If the message "DMS system fault. Related functions disabled" pops up on the instrument cluster, it indicates that the system is faulty. It is recommended to contact the Forthing Special Service Station for maintenance in time.

The driver monitoring system will not record or upload any images, videos, sounds and other information related to the driver and passengers. Intelligent sensing systems rely on clear facial images, and performance may degrade in some cases:

- Strong sunlight directly shines on the face.
- The face monitoring is lost due to the adjustment of the seat or steering wheel.
- The front passenger wears some sunglasses that may interfere with the infrared camera.
- The steering wheel blocks the camera during steering.

Care and maintenance

09

Regular Maintenance

Daily inspection items

Item	Contents of inspection
Coolant level of drive system	Regularly check whether the coolant level in the coolant reservoir is between the MIN and MAX marks.
Engine oil level	Engine oil is a consumable that ensures the normal operation of the engine. Check whether the level of engine oil is between the lower and upper marks of the engine oil dipstick regularly.
Brake pedal	Check whether the brake pedal can be operated freely before driving.
Horn	Check whether the horn is normal before driving.
Door	Check whether the liftgate and all other doors (including the rear door) can be opened and closed freely and locked firmly.
A/C system	Check the operation of the A/C unit weekly.
Washing liquid	Check the washing liquid stock once a month.
Wiper	Check the condition of the wiper once a month.
Brake	Check the brake fluid level once a month.
Tire	Check the tire pressure once a month. Check whether the tread is worn and whether it is embedded with foreign matters.
12V low-voltage battery	Check the condition of the 12V low-voltage battery and the corrosion of the terminals once a month.
Front windshield defroster	Check the air outlet of the defroster every month when the heater and A/C are used.
Lamps	Check the condition of headlamp, position lamp, reverse lamp, high-mounted brake lamp and license plate lamp once a month

Cleaning and Maintenance

External maintenance

Regular professional maintenance can keep the vehicle in good condition. The following describes how to keep the appearance of the vehicle clean, including: vehicle washing, paint, polishing and wheel, etc., as well as measures related to corrosion prevention.

Vehicle washing

Wash the vehicle frequently to help protect the appearance of the vehicle. Dust and grit can scratch the paintwork, and leaves and bird droppings can permanently damage the finish of the body surface. It is recommended to wash the body in a cool place.

Use only the solvents and detergents recommended in the User's Manual. While drying the body, check the body for paint peeling or scratches. If any, it shall be repaired with touch-up paint.

Caution

- The use of chemical solvents and strong detergents when cleaning the vehicle will damage the paint, metal and plastic parts of the body. It is recommended to rinse the vehicle thoroughly with cool water to remove floating dust.
- Check the body for asphalt, leaves and other dirt, which can be removed with asphalt remover or turpentine, and then rinse with clean water immediately to avoid damage to the surface finish of the body.
- After cleaning the entire body surface, dry it with a soft towel. Natural drying in the air will cause the appearance of the body to lose luster or form water stains.

Waxing

Vehicle waxing is beneficial to prevent adhesion of dust and road chemicals. Waxing can only be carried out after the vehicle is cleaned and dried, and waxing shall be carried out at least once every three months to help protect the vehicle body. A good quality liquid or paste

wax shall be used. When using, follow the instructions on the package.

There are generally two types of products:

1. Body wax

Body wax is a wax applied to the paintwork to protect it from damage caused by sunlight, air pollution, etc. It is recommended to use the new vehicle for about half a year before applying body wax.

2. Polishing wax

Polishing wax can restore the oxidized or tarnished paintwork to its original luster. This type of wax generally contains mild abrasives and solvents that can remove the oxidized paintwork surface. If the paintwork fails to regain its original gloss after the body wax is applied, it should be coated with polishing wax.

Caution

When cleaning agent is used to remove asphalt, insects and other dirt, it will cause dewaxing. Therefore, it is necessary to replenish wax at the dewaxing position.

Repair of paintwork

When small cracks and scratches appear on the paint coating, they shall be repaired immediately with special repair coating film or repair paint to prevent corrosion.

Aluminum alloy wheel

During the cleaning of the exterior of the body, the aluminum alloy wheel of the vehicle shall be cleaned at the same time. After cleaning, rinse the aluminum alloy wheel thoroughly with water.

Front compartment drip channel

The front compartment drip channel is integrated with the wiper cover, which is a very important waterway flow structure at the front of the vehicle.

The drainage condition of the front compartment drip channel shall be checked every 5000 km to ensure that the front compartment drip channel is clean and tidy as much as possible. If there is blockage and water accumulation, please contact the Forthing Special Service Station in time.

Maintenance method

1. Open the engine hood and clean the foreign matters on the wiper cover with a brush or wiper blade.

2. Remove the engine compartment sealing strip, engine compartment trim panel, left/right wiper trim panel and wiper cover in turn.

3. Remove the debris on the drip channel with a scraper or brush and clean it up.

4. Restore all parts after cleaning.

Vehicle sealing strip

The sealing strip is a rubber sealing part installed on the door or body. It is one of the parts to ensure the waterproof sealing of the door and belongs to other parts.

The surface of the sealing strip shall be cleaned in time during the use of the vehicle to avoid excessive wear caused by grit or hard particles on the surface of the sealing strip. If the parts and components reach the warranty period or the sealing strip surface is found to be worn and damaged, please contact the Forthing Special Service Station in time.

Internal maintenance

Carpet

The carpet shall be vacuumed frequently with a vacuum cleaner to remove dust. Excessive dust will accelerate the damage to the carpet. Regular washing with detergent can keep the carpet clean as new.

Braided fabric

The dust and dirt on the braided fabric shall be removed with a vacuum cleaner frequently. It can be washed with low-temperature neutral soapy water and then dried in the air.

Vinylon

Remove dust and dirt with a vacuum cleaner. Scrub the vinylon with a soft cloth soaked in neutral soapy water to remove stains that are difficult to be removed, or spray or foam vinylon cleaner can also be used.

Leather

It is necessary to frequently use a vacuum cleaner to remove the dust and dirt on the leather, especially at the wrinkles and seams. The leather can be cleaned with a soft cloth dipped in water, and then dried with another

soft dry cloth. If further cleaning is required, special soap for cleaning leather can be used.

Window

Clean the inside and outside of the window with glass detergent. Dry all glass and plastic surfaces with a soft cloth or paper towel.

Seat belt

If the seat belt becomes dirty, scrub it with a soft brush dipped in neutral warm soapy water. Do not use bleach, dye or cleaning solvent, as these items will reduce the durability of the seat belt. Do not use the seat belt until it is dry.

Too much dust at the seat belt outlet can cause the seat belt to retract slowly. Wipe the inside of the buckle with clean soft cloth dipped in neutral warm soapy water or isopropyl alcohol. It is not recommended to disassemble the seat belt for cleaning. If it must be cleaned by disassembling, please contact the Forthing Special Service Station.

Air freshener

If you need to use air fresheners or deodorants in the vehicle, it is recommended to use solid air fresheners. Some liquid air fresheners contain chemical components that will cause the fibers of interior trims and braided fabrics to break or fade.

If liquid air freshener is used, ensure that it is properly fixed to avoid splashing during driving.

Anti-corrosion

Salt, dirt and moisture are easy to accumulate under the vehicle. If the vehicle paint is scraped or worn by stones and gravel, it will cause the metal to lose protection and be exposed, resulting in vehicle rust. Common measures to prevent rusting include:

1. Keep the vehicle clean.

2.Keep the garage dry.

3. Keep the paintwork and decorations in good condition.

4. Carry out in-vehicle maintenance regularly.

Self-maintenance

Engine compartment

Open the engine hood

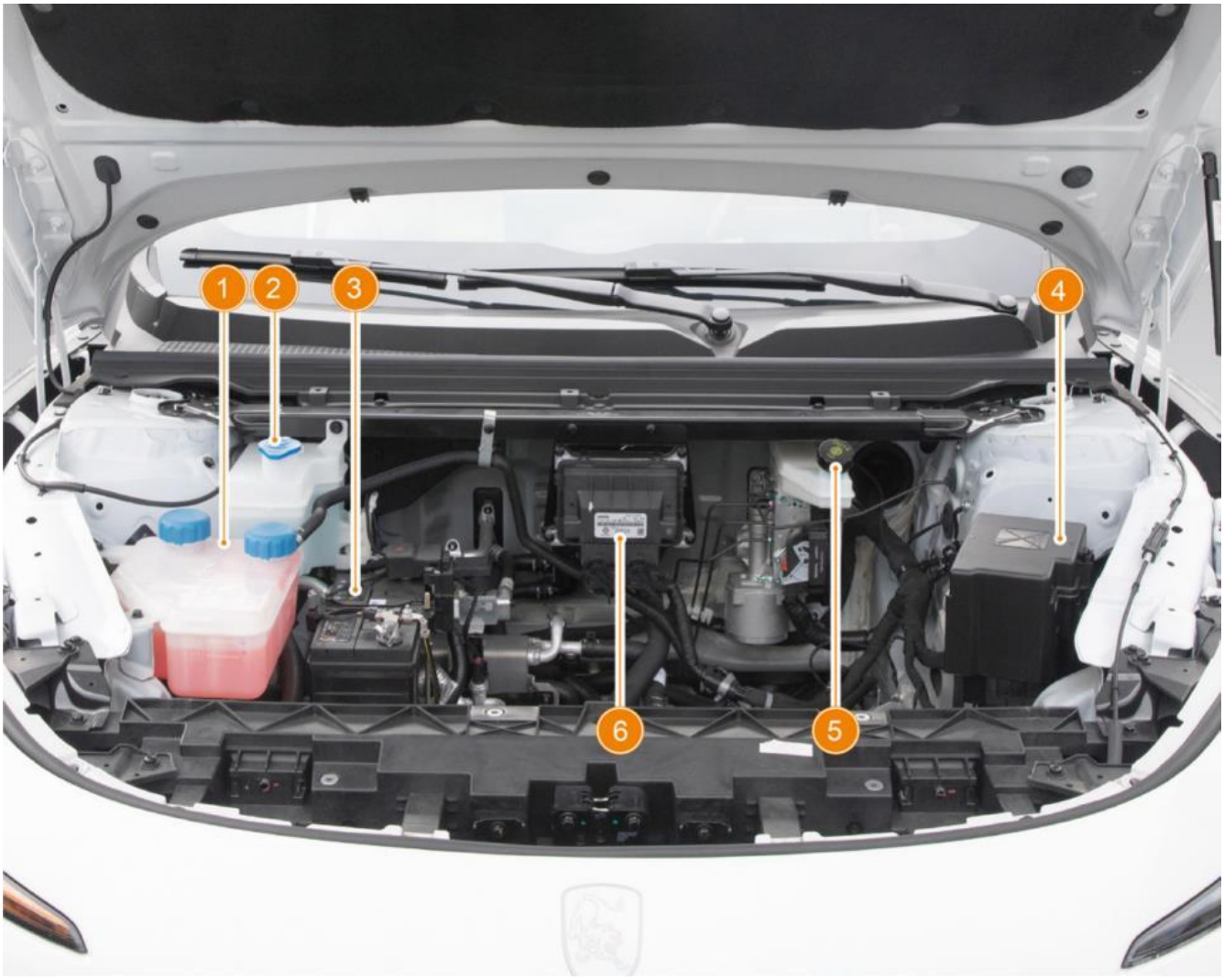
Pull the engine hood release handle located under the left side of the instrument panel twice in a row. After the engine hood pops up for a certain distance, lift the engine hood by hand to open the engine hood.

Close the engine hood

This model is equipped with an engine hood gas stay bar. Pull down the engine hood to a height of about 30 cm from the closed position, press down to close it completely, and confirm that it is locked in place. If it is not locked in place, press the front middle of the engine hood firmly until it is fully closed.

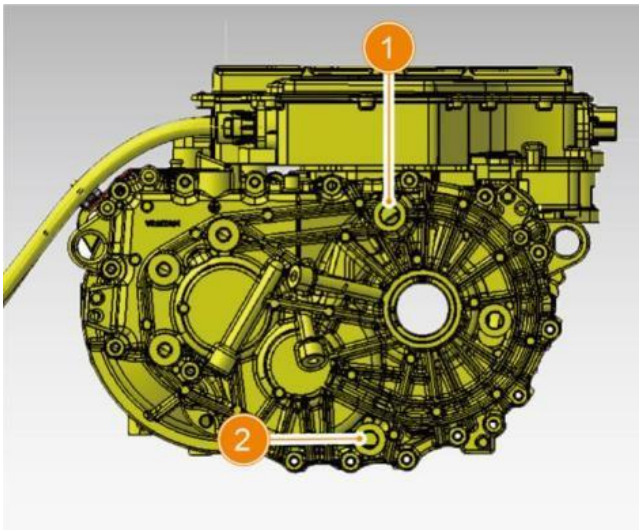
Arrangement of engine compartment

The picture is for reference only, and the actual vehicle shall prevail.



1. Coolant reservoir
2. Washing liquid reservoir
3. 12V low-voltage battery
4. Engine compartment fuse box
5. Brake fluid reservoir
6. Vehicle control module (VCM)

Reducer lubricating oil



1. Oil filling port

2. Oil drain port

The lubricating oil in the reducer shall be changed as specified. When replacing, the oil in the reducer shall be completely drained, and then new lubricating oil shall be injected.

Please select the reducer lubricating oil suitable for the vehicle. For specific specifications and filling amount, please refer to the "Fluid Specifications and Capacity" in the "Vehicle Specifications" section.

Coolant of drive system

Coolant inspection

Check whether the coolant level is between the maximum (MAX) and minimum (MIN) scale lines. If it is lower than the minimum position, add coolant to the coolant expansion tank until it is near the maximum position.

Coolant supplement

Open the coolant expansion tank cover to add coolant. Tighten the cover after adding. Coolant of different brands shall not be mixed, otherwise chemical reaction may occur, affecting the service life of the drive motor. Please use the all-season anti-freeze coolant specified by Forthing. Do not replace the all-season anti-freeze coolant with antifreeze and water.

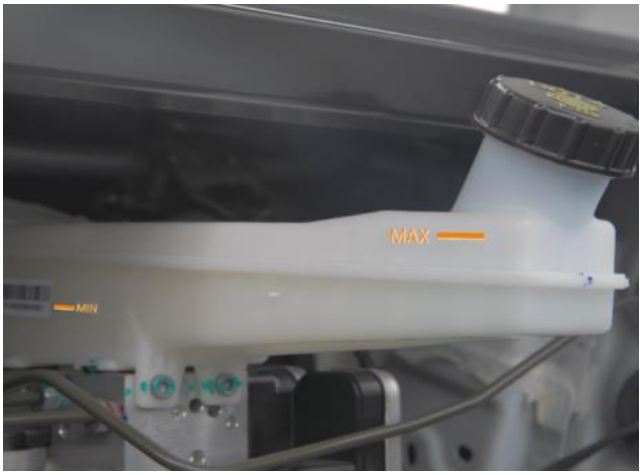
△Warning
When the drive system is not completely cooled, opening the coolant expansion tank cover may cause the coolant to spray out, causing serious burns. Before opening the coolant expansion tank cover, it must be confirmed that the drive system has cooled down.

Coolant replacement

The coolant needs to be changed regularly

Brake fluid

Checking brake fluid



1. The level in the reservoir shall be checked once a month.

2. The level shall be between the lower limit scale lines on the fluid reservoir tank wall. If the level is at or below the lower limit (MIN) scale line, please contact

the Forthing Special Service Station for inspection.

Brake fluid replacement

The brake fluid will absorb moisture in the air. Excessive moisture content will cause corrosion damage to the brake system, and the boiling point of the brake fluid will also decrease significantly. The brake fluid should be replaced in time according to the requirements of the regular maintenance table.

Please contact the Forthing Special Service Station for changing the brake fluid.

△Warning

●Be sure to use the brake fluid specified by Forthing or the DOT4 products of the same grade packaged in airtight containers approved by Forthing. Different brake fluid cannot be mixed for use.

●Do not mix brake fluid with fluids containing mineral oil, as mineral oil will damage sealing parts and sealing plugs of the brake system.

● The brake fluid is toxic and should be kept out of reach of children. In case of accidental ingestion, go to the hospital for examination immediately.

● The brake fluid is corrosive and is not allowed to contact with the paint. Once spilled on the paint, it needs to be cleaned with a large amount of water.

● Brake fluid will damage the skin. If the skin or eyes are splashed by it accidentally, a large amount of water is required for cleaning. If you feel unwell, you should go to the hospital for examination immediately.

Brake fluid maintenance and technical requirements

1. The maintenance interval for changing brake fluid is every 2 years or 40,000 km, whichever comes first.

2. The technical requirements of the brake fluid shall comply with the relevant provisions of GB 12981.

Glass washing liquid inspection

1. Check whether there is enough washing liquid in the windshield washer washing liquid reservoir at least once a month.

2. If no water is sprayed when using the wiper spray function, it indicates that the glass washing liquid is insufficient, and it is necessary to add high-quality washing liquid that can improve the cleaning ability and prevent freezing in cold weather.

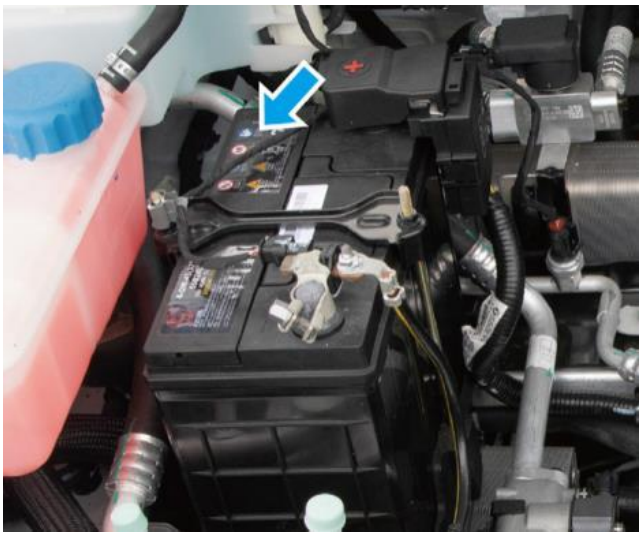
3. If ethanol-based washing liquid is used, the ethanol content of the washing liquid should not be higher than 24%.

Caution

●High-quality glass washing liquid improves stain removal and prevents freezing in cold weather.

●It is recommended to use glass washing liquid specified by Forthing. Antifreeze will damage the surface paint of the vehicle, and the vinegar solvent will damage the front windshield washer water pump.

12V low-voltage battery



This vehicle is equipped with a maintenance-free 12V low-voltage battery, which is located on the right side of the engine compartment, mainly to provide electric energy for the vehicle start-up and electrical appliances on the vehicle. If the 12V low-voltage battery is seriously short of power, the vehicle will not be able to start.

Use and precautions

1. Do not turn on lamps, audio, wiper and other electrical appliances for a long time after the vehicle stops.

2. If the vehicle is to be parked for more than five days, it is recommended to unplug the negative terminal of the 12V low-voltage battery to prevent the electrical appliances on the vehicle from consuming the 12V low-voltage battery power.

3. After the vehicle stops, pay attention to whether the lights, audio, A/C and other electrical appliances are turned off.

4. The 12V low-voltage battery condition shall be checked once a month. Check whether the terminals are corroded (white or light yellow powder). If there is corrosion, please contact the Forthing Special Service Station.

Emergency treatment of contact with electrolyte

The 12V low-voltage battery electrolyte is highly corrosive and highly toxic. If accidentally contacted, please handle it as follows:

Eye contact: Rinse with water in a cup or other container for at least 15 minutes and seek medical attention immediately.

Skin contact: Take off contaminated clothing, rinse skin with plenty of water and seek medical attention immediately.

Accidental ingestion of electrolyte: Drink water or milk and seek medical attention immediately.

△Warning

●If you need to connect the 12V low-voltage battery to other chargers, disconnect both positive and negative cables to avoid damage to the electrical equipment on the vehicle. When reinstalling, connect the positive cable first, and then connect the negative cable.

●When the vehicle is running normally, 12V low-voltage battery will produce explosive hydrogen gas. Sparks or open flames can cause the 12V low-voltage battery to explode, and the explosion energy is enough to cause serious injury. Please avoid driving near sparks and open flames.

A/C filter

The A/C filter can remove pollen and dust brought into the A/C system from the outside.

The A/C filter must be replaced during regular maintenance every 20,000 km.

Replace the A/C filter

The A/C filter is located in the glove box.

1. Open the glove box.

2. Loosen the screws on the guard and remove the guard.

3. Squeeze the upper and lower sides of the A/C filter to disengage it from the tabs on both sides, and remove the filter.

4. Insert a new A/C filter.

5. Tighten the screws on the guard, install and close the glove box.

When the A/C is not used for a long time

The A/C shall be turned on at least once every two weeks for at least 5 minutes even in cold months. This is to prevent deterioration of lubrication of the parts inside the compressor and to keep the A/C in the best operating condition.

Tire

For safe driving, the tire must be of the right model and size, with good tread and proper tire pressure.

Caution
●The use of excessively worn or underinflated tires will cause accidents and personal injury. ●All instructions on tire inflation and maintenance in this User's Manual must be followed.

Tire pressure label

The vehicle is attached with tire pressure label. The label is located under the driver door frame and indicates the front and rear wheel pressure of the vehicle.

For the tire pressure, pay attention to the following points:

1. It is recommended to visually check the tire before each driving.

2. If necessary, inflate or deflate the tire to make the tire pressure reach the recommended cold tire pressure on the label.

If the tire pressure is checked when the tire is in the hot state (after driving for several kilometers), the pressure reading will be 30 to 40 kPa higher than the reading in the cold state. This is normal. Do not deflate the tire to reach the specified cold tire pressure reading, which will result in insufficient tire pressure.

Tire inflation

Maintaining proper tire pressure can achieve the best vehicle maneuverability, driving comfort and tire tread life.

Underinflated tire can cause uneven wear, affect handling and increase power consumption.

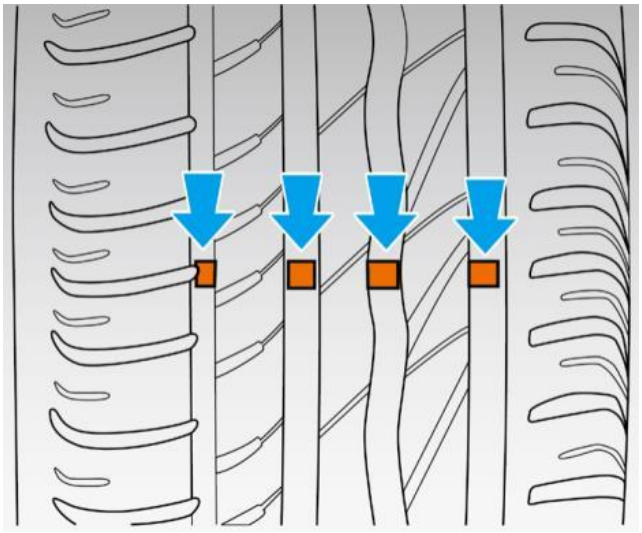
Overinflated tires will reduce the riding comfort, and are more likely to be damaged due to uneven road surface, and cause uneven tire wear.

Tire inspection

When checking the inflation state of the tire, check the tire for external damage, foreign body penetration and wear. The specific inspection is as follows:

1. Scratches, cracks or fractures on the side of the tire. If the tire fabric or cord is visible, the tire shall be replaced.

2. Excessive tread wear.



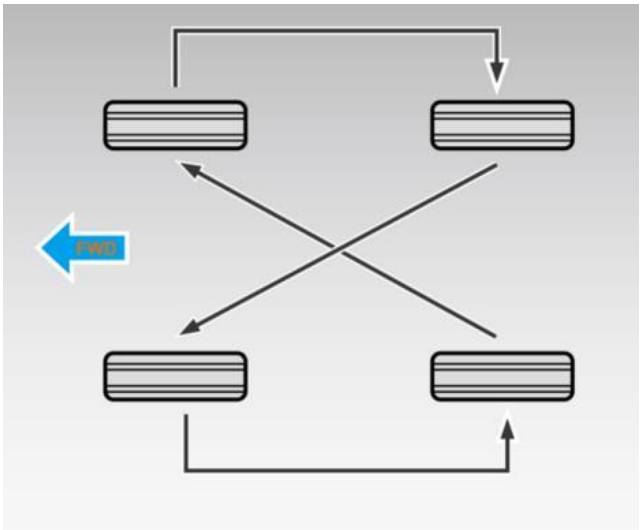
The tire must be kept in good condition, and the tire surface pattern shall be deep enough. The degree of tire

wear can be measured by the raised points in the tire driving belt. If the tire tread thickness is less than 1.6 mm, the tire must be replaced. Such tires lack adhesion when driving on slippery roads.

Tire maintenance

In addition to proper inflation, correct wheel alignment also helps to reduce tread wear. If you find uneven tire wear or feel a certain continuous vibration during driving, please contact the Forthing Special Service Station.

Tire rotation



In order to prolong the service life of the tire and make the tire wear evenly, the tire position shall be changed every 10,000 km. Each tire rotation shall be carried out according to the method shown in the figure above.

Wheel and tire specifications

Rim specifications:

18 x 7 J, 19 x 7.5 J, 20 x 8 J (not equipped with this type of rim, optional).

Tire specifications:

235/50R18, 235/45R19, 235/40ZR20 (not equipped with this type of tire, optional).

The tire size suitable for this vehicle is subject to the tire label affixed under the driver's door frame, or contact the Forthing Special Service Station.

Replacement of tire and wheel

Radial tires of the same size, load range, speed rating and maximum cold tire pressure (marked on the side of the tire) shall be selected for replacement. The mixed use of radial tires and diagonal tires will reduce the braking ability, driving force (ground adhesion) and steering accuracy of the vehicle. Using tires of different sizes or structures will cause the ABS to fail to work properly.

The ABS works by comparing the rotational speed of the wheel, so when replacing the tire, you must use a tire with the same size as the original tire of the vehicle, otherwise the rotational speed of the wheel will be affected and the system may act incoordinately. Replacing only one tire will seriously affect the maneuverability of the vehicle. If the tire needs to be replaced, it is recommended to replace the two front or rear tires in pairs, and if necessary, the four tires can be replaced at the same time.

If you need to replace the wheel, make sure that the specifications of the new wheel are consistent with the specifications of the original wheel. Please contact the Forthing Special Service Station before replacing the wheel.

Winter tire

Since summer tires have limited applicability when used in winter, it is recommended to use winter tires on ice and snow-covered roads. When installing winter tires, four wheels should be installed at the same time to ensure safe driving. Only tires of the same brand and shape can be used. When purchasing, attention should be paid to the size, load, repair force and speed rating of the tire.

If you choose winter tire with a lower rated speed, do not exceed the maximum rated speed of the tire during driving.

Tire chains

Snow tire chain can only be used in emergency situations or when it is driving through specific areas that are clearly defined by law.

The snow tire chain shall be installed on at least two driving wheels at the same time. It is forbidden to install the tire chain on only one wheel of the front or rear wheels. Do not install the tire chain on the left or right side of the two wheels. Please follow the instructions of the anti-skid chain manufacturer for specific installation

precautions. The suggestions provided in this manual are for reference only. The actual installation shall be subject to the communication results between the vehicle owner and the tire chain manufacturer.

The tire chain matching the vehicle tires shall be selected. After the tire chain is installed, the handling performance of the vehicle is poor. The vehicle shall be driven at low speed to avoid full load. Please read the component assembly drawing and other instructions of the tire chain manufacturer carefully.

TPMS

The vehicle will be equipped with direct or indirect tire pressure monitoring system according to the configuration difference. It is recommended to use Forthing's original tires; otherwise, the system may have fault alarm or abnormal performance.

When the vehicle is powered on, the system will perform a functional test. At this time, TPMS fault warning lamp will light up briefly, which is normal.

Caution

If you drive on dirt roads, gravel roads, mountain roads or icy roads for a long time or in sport mode, the TPMS alarm time may be prolonged.

△Warning

●Different tire pressures or a too low tire pressure of each tire of the vehicle may lead to tire failure, tire burst, vehicle out of control, etc., causing serious casualties. Therefore, be sure to inflate all tires to the air pressure value specified on the tire pressure label before driving to ensure the effectiveness of the TPMS.

● Under special circumstances, such as sporty driving, snowy or soft roads in winter, tire under-inflation may cause delayed recognition or false alarm.

Direct type

The tire pressure and temperature are dynamically monitored, and displayed on the combination instrument. When tire pressure and other conditions are abnormal, instrument cluster will display corresponding alarm information. For instrument cluster details, see the "Warning Lamps" in the "Combination Instrument" chapter.

Caution

● Please keep the tire pressure near the standard pressure value. When the tire pressure shows "--" and the specified tire lights up, the TPMS loses the signal. Please contact the Forthing Special Service Station in time.

●It is not necessary to re-match the tire pressure sensor due to the installation and removal of the tire. However, if the tire position is changed and the position of the tire pressure sensor is changed, the tire pressure matching needs to be performed again. Please contact the Forthing Special Service Station.

●The tire pressure information displayed under static conditions is the information when the vehicle was last operated. Therefore, after the tire is deflated or inflated, if the tire pressure data needs to be updated, the vehicle needs to be driven at a speed of more than 30 km/h for 1 minute, and the tire pressure information interface will update the data.

Indirect

The instrument cluster will not display the tire pressure and temperature during the driving process of the vehicle to monitor whether the tire is under-inflated. When one or more tire pressures are abnormal, the TPMS fault warning lamp on the instrument cluster lights up and there is a corresponding text reminder. At this time, the driver should immediately park the vehicle in a safe place, then check all tires and tire inflation pressure. Avoid violent steering or braking operations during parking. After confirming the cause of the tire pressure alarm indirect TPMS should be reset.

The following conditions may cause an alarm of the indirect TPMS:

1. The tire pressure is manually changed.

2. The inflation pressure of one or more tires is too low.

3. The tire is structurally damaged.

4. One tire is replaced on the front and rear axles

respectively.

5. The TPMS is not reset after the tire is replaced or the tire pressure is changed, resulting in heavy load on one side of the vehicle.

6. The tire load on one axle of the vehicle is large, such as when it is fully loaded.

7. Install tire chain or spare tire.

Indirect tire pressure monitoring system fault

When TPMS cannot receive a signal or the signal is invalid, TPMS fault warning lamp on the instrument cluster flashes for 60 seconds and then stays on, and the text displays and the buzzer alarms once. At this time, the vehicle has no tire pressure monitoring function. Please go to Forthing Special Service Station immediately to eliminate the fault.

The TPMS may fail when the vehicle ABS, ESC and EH B functions fail; The TPMS may fail after the tire chain is installed.

After the vehicle has a tire pressure alarm, be sure to confirm whether the tire and tire pressure are normal. If the tire pressure is normal, the resetting of the indirect TPMS will cause the TPMS to fail or the actual tire pressure will be too low when the next alarm occurs. Indirect TPMS resetting

The tire pressure shall be reset after the vehicle is subjected to the following operations:

1. Adjust the inflation tire pressure of one or more tires.

2. Replace (rotate) any tire/wheel.

3. The wheels are dynamically balanced.

4. The vehicle chassis is technically modified.

5. Since the last resetting, more than 1 year has elapsed, the vehicle has traveled more than 10,000km, or the ambient temperature exceeds 40ºC.

1. Combination instrument switch key

Indirect TPMS resetting steps:

1. Indirect TPMS reset steps: 1. Confirm that the tire pressure of the four tires of the vehicle is the standard tire pressure.

2. When the vehicle is powered on and the vehicle is in P position, if you press and hold the instrument cluster switching key for more than 10 seconds, the instrument cluster will first prompt "tire pressure resetting in progress", and then prompt "tire pressure resetting completed".

3. If the instrument cluster prompts "Resetting Fails", follow step 2 to reset after re-operating or troubleshooting the system.

Caution
When the system issues a tire under-inflation alarm, check the inflation pressure of all tires.

Engine oil plays an important role in the operation and service life of the engine. If the oil quality is not selected properly and the performance cannot meet the corresponding technical requirements, it will cause different degrees of damage to the engine and reduce the service life of the exhaust aftertreatment system.

Please select the engine oil suitable for your vehicle.

Item	Type	Filling quantity
Engine lubricating oil	Dongfeng Castrol SP and above grade 0W-20	4L

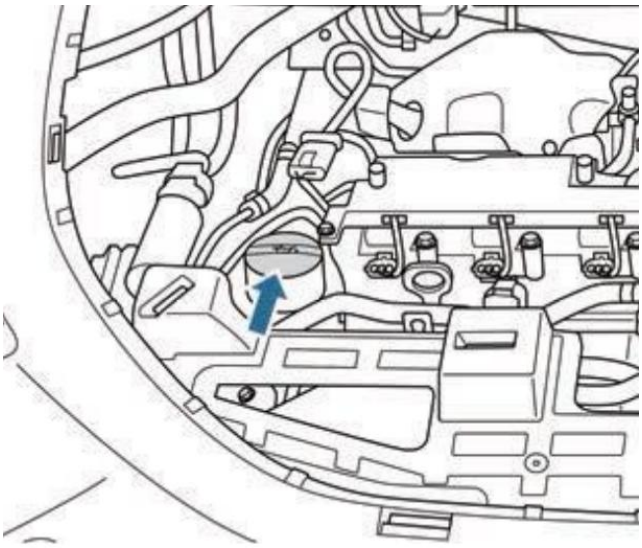
This vehicle does not require any engine oil additives. The additive cannot improve the performance of the engine.

Caution

Dongfeng Liuzhou Motor Co., Ltd. will not be liable for any adverse consequences to the engine caused by the use of additives.

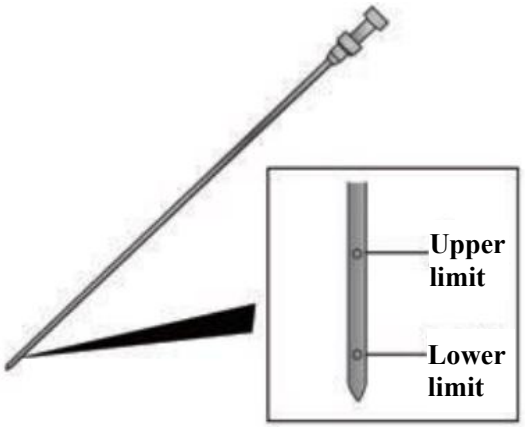
Engine oil level inspection

Engine oil is a consumable that ensures the normal operation of the engine, and its level should be checked regularly. For example, before each long trip, park the vehicle on a level road, warm up the engine for a few minutes, turn off the engine, wait for about 5 minutes, and then check the engine oil level.



1. The vehicle is shut down.

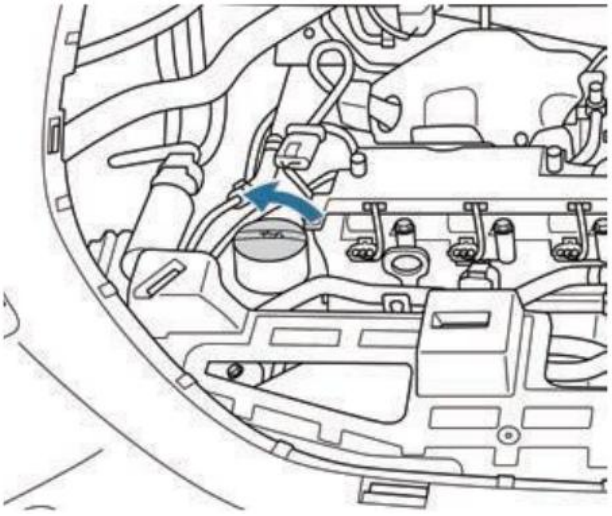
2. Take out the oil dipstick



3. Wipe the oil dipstick with a clean cloth or paper towel

4. Insert the oil dipstick back into the sleeve.

5. Take out the oil dipstick again and check the engine oil level. The level must be between the marks of the upper and lower limits. If it is lower than the lower limit mark, the engine oil should be replenished in time to keep the level within the normal range.



1. Unscrew the engine oil filler cap and add the engine oil

2. Fasten the engine oil filler cap and tighten it. After warming up the engine for a few minutes, shut down the engine. After about 5 minutes, check the engine oil on the oil dipstick again.

:

Engine oil change

Engine oil plays an important role in the operation and

service life of the engine, and must be replaced according to the specified maintenance interval. Please contact the Forthing Special Service Station for changing the engine oil.

Caution

- Pour engine oil in slowly to avoid spilling. If there is a spill, clean it up immediately to avoid damaging the engine.
- If engine oil accidentally comes into contact with your skin, wash it off thoroughly.

Warning

- Please use the engine oil of the grade specified by Forthing.
- In any case, engine oil level must not exceed the upper limit of oil dipstick, otherwise engine oil may burn in the catalytic purifier, damaging the catalytic purifier and causing carbon deposits spark plug.
- Please dispose of the used engine oil in accordance with relevant environmental protection laws.

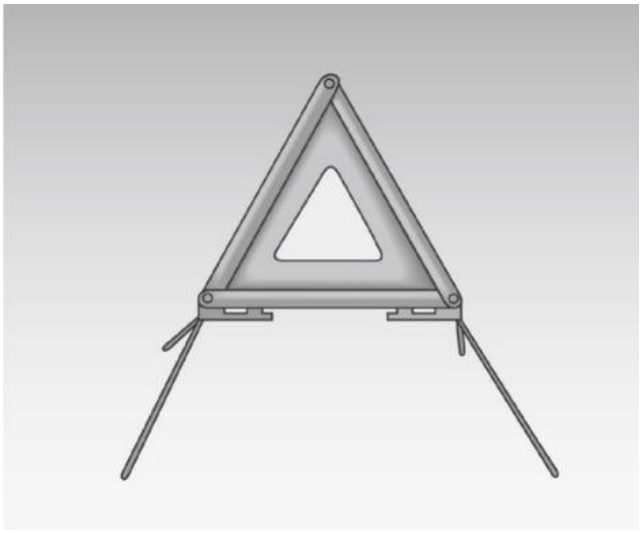
Emergency self-help treatment

Hazard warning device

Hazard warning lamp

Press the hazard warning lamp switch located above the inside rearview mirror, and the turn signal lamp outside the vehicle and the turn signal indicator lamp and hazard warning lamp on the instrument cluster will flash to remind pedestrians and passing vehicles to avoid the vehicle.

Warning triangle



The warning triangle is located under trunk lid.

When an accident occurs while driving, the vehicle should be parked as far to the right as possible. After the vehicle stops, take out the warning triangle, set the reflector with its back facing the vehicle at a location 100 to 200 meters behind the vehicle to alert oncoming vehicles, and turn on the hazard warning lamp.

Emergency rescue

SOS*

The vehicle is equipped with the SOS emergency rescue function, which can provide rescue services in time in case of emergency. If you need to call the emergency rescue service, you can press and hold the SOS button near the front interior lamp, and the system will automatically dial the Forthing customer service number, and the customer service will actively coordinate your needs.

The SOS function can only be used when the vehicle is powered on.

Caution
In case of poor communication network signal, abnormal vehicle power supply or SOS button failure, the emergency rescue function may not be available.

E-CALL

In case of a collision accident (airbag deployment), the system will automatically trigger an emergency call to Forthing customer service, who will provide you with emergency services as soon as possible.

Functional limitations

Affected by various factors, the following conditions (including but not limited to) may lead to functional failure: 1. Damage or failure of the emergency rescue system (including IoV system microphone, speaker, etc.).

2. Minor collision occurs or airbag is not deployed.

3. In an environment where the signal strength is weak, the signal is disturbed or shielded.

4. If the GPS positioning signal is weak or the equipment is damaged, the specific location of the vehicle may not be located.

5. Emergency rescue services may not be available due to force majeure factors such as natural disasters or public communication failures.

6. Other objective factors cause the emergency rescue call to be unavailable.

Driver's tools and reflective vest

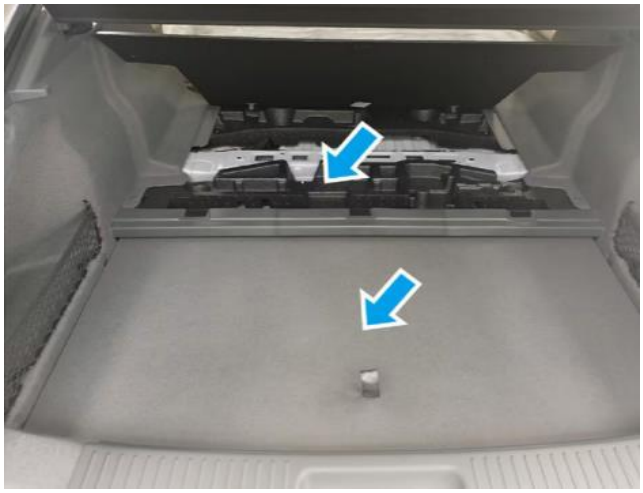
1. Warning triangle

2. Reflective vest

3. Towing hook

4. Wheel nut cover clip

5. Automatic inflatable tire repair tool



The spare tools are placed under the trunk lid, which can be seen by lifting the cover indicated by the two arrows in the above figure; The reflective vest and wheel nut cover clips are placed in the glove box.

Traffic accident handling guidelines

When the vehicle has a traffic accident, please follow the steps below:

1. Stop the vehicle in a safe place (if the vehicle can still be driven normally after the accident) and turn on the hazard warning lamp. If the vehicle needs to be towed, please contact the Forthing Special Service Station.

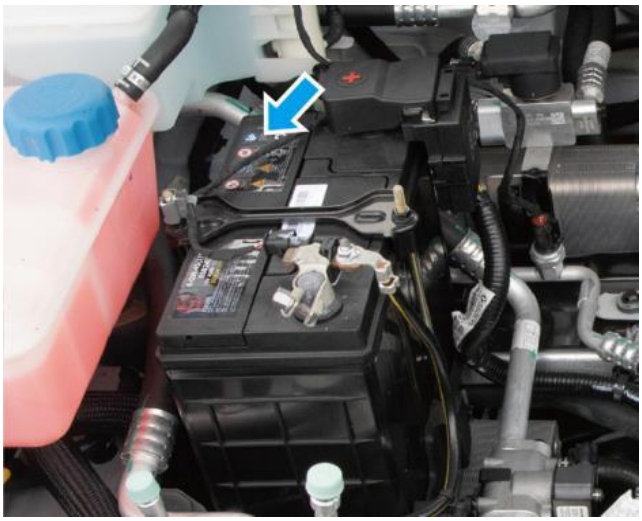
2. Take out the reflective vest from the glove box and put it on. 3. Take out the warning triangle from the lower part of the trunk lid.

4. Place the warning triangle 100~200 m behind the vehicle.

⚠ Warning
In case of an emergency traffic accident, personal injury or major fire, please contact the rescue personnel as soon as possible.

Safety warning sign

12V low-voltage battery warning sign



The 12V low-voltage battery warning sign is pasted on the surface of the engine compartment battery to remind you that the battery should be kept away from heat source and open flame, and should be ventilated during charging and use to prevent accidents.

Warning sign of A/C refrigerant and radiator

The A/C refrigerant and radiator warning labels are affixed to the upper inside of the engine hood. When replacing the coolant, use the coolant specified by Forthing. Coolants of different brands cannot be mixed. Do not touch the radiator, as the cooling fan may rotate at any time.

Tire replacement*

The original vehicle is not equipped with spare tire mounting tools such as spare tire and jack. You can refer to the following operation steps when replacing the tire.

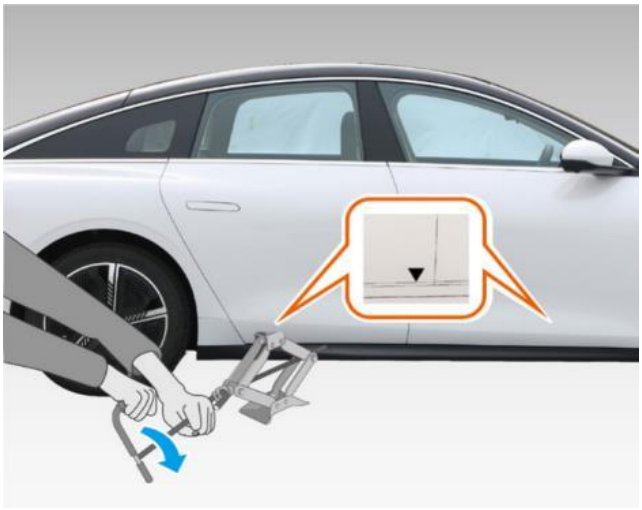
Preparation before tire replacement

Park the vehicle on a flat ground that does not affect traffic and is convenient for safe wheel replacement. Before emergency replacement of the wheel, the vehicle hazard warning lamp shall be turned on first, and the warning triangle shall be placed at an appropriate distance to avoid traffic accidents.

Take out the spare tire and the tools for replacing the tire.

Replace the spare tire

Before jacking up the vehicle, place a piece of wood plug in front and behind the wheel diagonally opposite to the replaced tire, and then loosen the replaced wheel nut by half a turn with a wrench.



There are two jack lifting position marking points on the outer panels of the left and right doors. Place the jack in the groove corresponding to the triangular marking point and then jack up the vehicle.

Caution

Do not jack the vehicle at any position other than the specified one. If the jacking position is incorrect, the bodywork may sag or an accident may occur when the vehicle falls.

Remove the wheel nuts with a wheel nut wrench, and then remove the tire. Clean all sludge from the hub surface and install the spare tire. Tighten the wheel nut in the cross sequence shown in the figure until the wheel is against the brake hub, lower the vehicle to the ground, and take out the jack. Tighten the wheel nut in the same cross pattern. The specified torque shall be used when tightening the wheel nut.

Caution

- The spare tire can only be used for emergency and is not allowed to be used for a long time.
- The spare tire is not allowed to be installed on the turning wheel (i.e. the rear wheel). If you need to replace the tire on the turning wheel, you must first replace the spare tire on the front wheel, and then install the replaced tire on the turning wheel.

Tire Repair

Automatic inflatable tire repair tool

The automatic tire inflation tool is located under the trunk lid. Instructions for use

1. The effective repair diameter of this product is ⩽6 mm, and the puncture can be pulled out for repair within this range; If the puncture is larger than this size, do not pull out the puncture after filling the tire sealant.

2. If the puncture object needs to be pulled out before the repair operation, please move the vehicle slightly before filling the tire sealant to make the tire hole face the 6 o'clock position directly below.

3. When using this product at the ambient temperature of (-40℃~0℃), please warm the product to above 0° C in the heater before use, so as to improve the charging efficiency of the tire sealant.

4. After using this product, drive for 10 km or more immediately, do not stay, and go to the Forthing Special Service Station or professional tire repair shop for tire repair or replacement as soon as possible.

5. After using this product, the vehicle can be continuously driven for more than 500km. Please drive at a speed lower than 80km/h for the first 10km, and drive at a normal speed after 10km.

6. If the tire sealant is splashed on the tire or rim, rinse it with clean water or wipe it with rag. In case of splashing

into eyes, rinse immediately with water and seek medical advice.

7. This product is used for tread puncture repair, and the damage to other parts such as tire shoulder, tire side and valve is not within the repair scope of this product.

8. The storage temperature of this product is -40° C to 70° C. Avoid placing it in direct sunlight such as the front and rear windshields of the car. Do not contact with open flame.

Method of use

The bottle of the automatic inflation tire sealant is labeled with the usage method, please read it carefully before use.

1. Shake the inflation tire sealant well before use, and then tear off the safety cover of the connecting valve.

2. Tighten the connecting valve of the inflatable tire sealant and the tire valve in clockwise direction.

3. Turn the red valve clockwise and put the bottle upside down to start the inflation and tire repair.

4. After the tire sealant is added, close the red valve counterclockwise and unscrew the connecting pipe. Immediately drive at a vehicle speed not higher than 80 km/h for more than 10 km, and then the tire repair can be completed.

Replace the Light Bulb

Replacing bulbs usually requires the removal of certain vehicle components, so professional skills are required to carry out the relevant operations, otherwise the lampshade may be damaged. If replacement is required, please contact the Forthing Special Service Station.

Bulb specifications

Description	Bulb type
High beam	LED
Low beam	LED
Daytime running lamp	LED
Front/rear position lamp	LED
Front/rear turn signal lamp	LED
Brake lamp	LED
Reversing lamp	LED
High-mounted brake lamp	LED
Rear fog lamp	LED
License plate lamp	LED
Trunk lamp	LED
Interior lamp	LED

Headlamp calibration

When a new vehicle leaves the factory, the headlamp has been calibrated. If the trunk is often used to carry heavy objects, the headlamp may need to be recalibrated. Please contact the Forthing Special Service Station for headlamp calibration. FAQ

Why does the glass surface of the headlamp sometimes appear "fogging"?

Generally, the fog observed in the headlamp is condensed due to the evaporation of moisture in the lamp body material when the temperature is low. This is a normal physical phenomenon, and the fog will eventually dissipate after each formation. The fog can be eliminated as follows: during driving, after the low beam is lit for a period of time, the fog in the effective area in front of the headlamp can be dissipated.

Caution

●When the headlamp is turned on, the surface temperature of the headlamp is very high. Do not directly contact the surface of the lamp to avoid scalding.

●To avoid damage to the lamps, do not use abrasive or chemical solvents to clean the lamps.

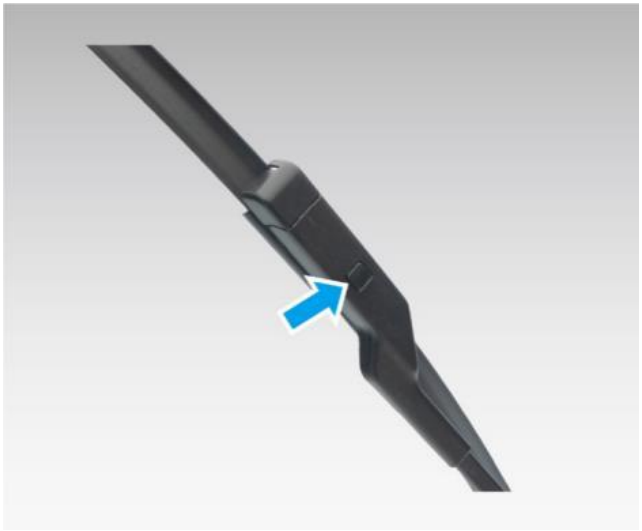
●Do not wipe or clean the lampshade with sharp objects when the lampshade is dry.

Maintenance of wiper

Wiper maintenance mode

Press and hold the hazard warning lamp switch to power off the vehicle, and then turn the wiper control handle to the "MIST" position. The front wiper will stop at a position close to the maximum height, which is convenient for maintenance and repair of the wiper blade. After the maintenance, make sure that all doors are closed (including the liftgate). Press the lock button on the smart key, then press the unlocking button again to exit the emergency power-off mode, then open the door, depress the brake pedal, and the front wiper will return to its original position automatically.

Front wiper blade replacement



1. After turning on the wiper maintenance mode, pull up the wiper arm and press the wiper blade release button.

2. Pull out the wiper blade along the opening direction of the wiper rod and remove the wiper blade.

3. Replace the wiper blade with new one and operate in the reverse order to ensure that the wiper blade is installed in place correctly.

△Warning

Please turn off the automatic wiper function when checking and cleaning the rain sensor area or replacing and repairing the wiper to avoid injury to human body.

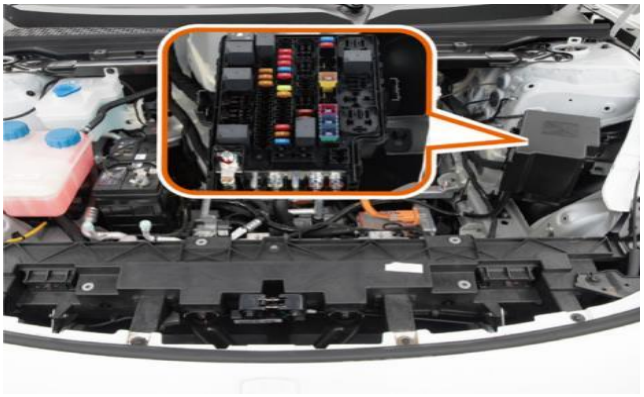
Caution

Do not open the engine hood when the wiper arm is pulled up, otherwise the engine hood and wiper arm will be damaged.

Replace the Fuse

Fuse box location

Engine compartment fuse box



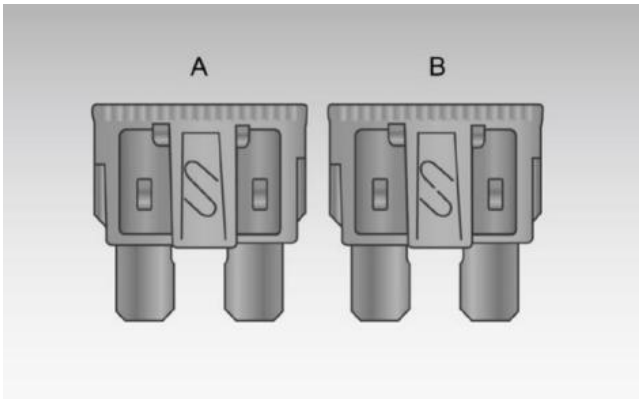
The engine compartment fuse box is located on the upper left of the engine compartment.

Undo the buckles on the left and right sides of the fuse box, and open the box cover to check the fuse.

Interior fuse box

The interior fuse box is located in the lower left corner of the instrument panel. Remove the cover to check the fuse.

Check the fuse

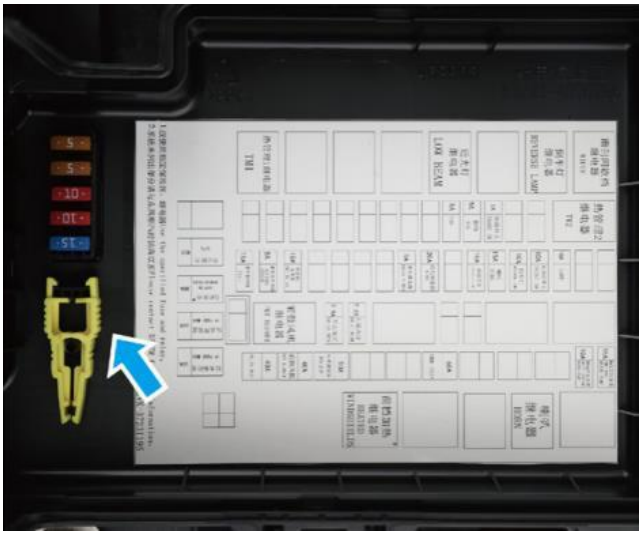


A: Normal

B: Fuse blown

The fuse protects the vehicle electrical equipment by preventing the vehicle electrical equipment from being overloaded. A blown fuse indicates that the circuit it protects is faulty and has stopped working. If you suspect that there is something wrong with the fuse, you can use a fuse puller to take it out and check whether it is blown.

Replace the Fuse



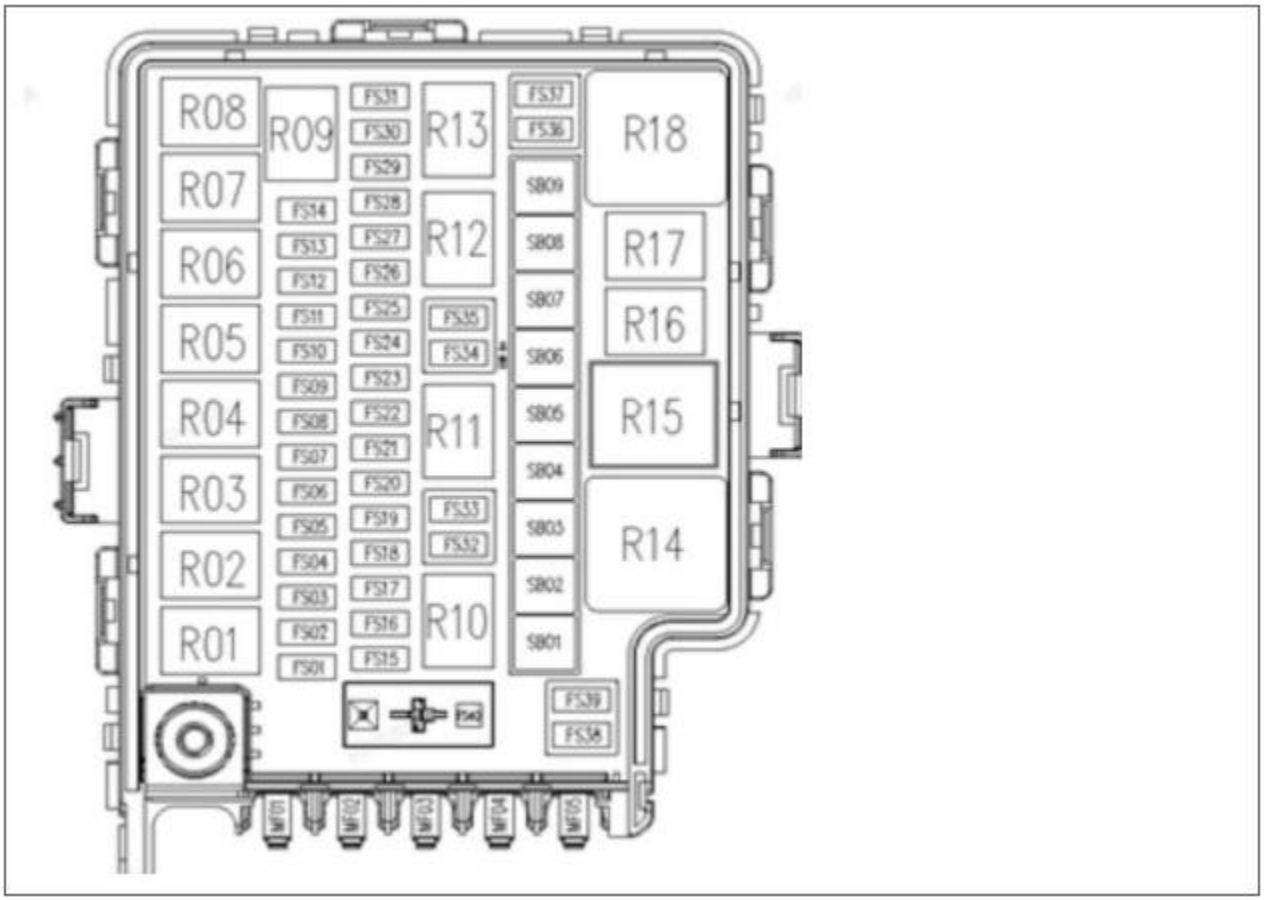
There is a fuse puller in the fuse box of the engine compartment. Pull the fuse straight out of the fuse box with a puller. If the fuse is not blown, there must be other reasons for the fault. Please contact the Forthing

Special Service Station as soon as possible.

Check the blown wire in the fuse. If it has been blown, replace it with a spare fuse with the same or lower amperage. If you use a spare fuse with a lower amperage value and it is blown again, replace it with a fuse with the same rated value.

If the alternative fuse with the same rated value is blown within a short time, it indicates that there may be a serious electrical fault in the vehicle. Please contact the Forthing Special Service Station as soon as possible.

Arrangement of engine compartment fuse box



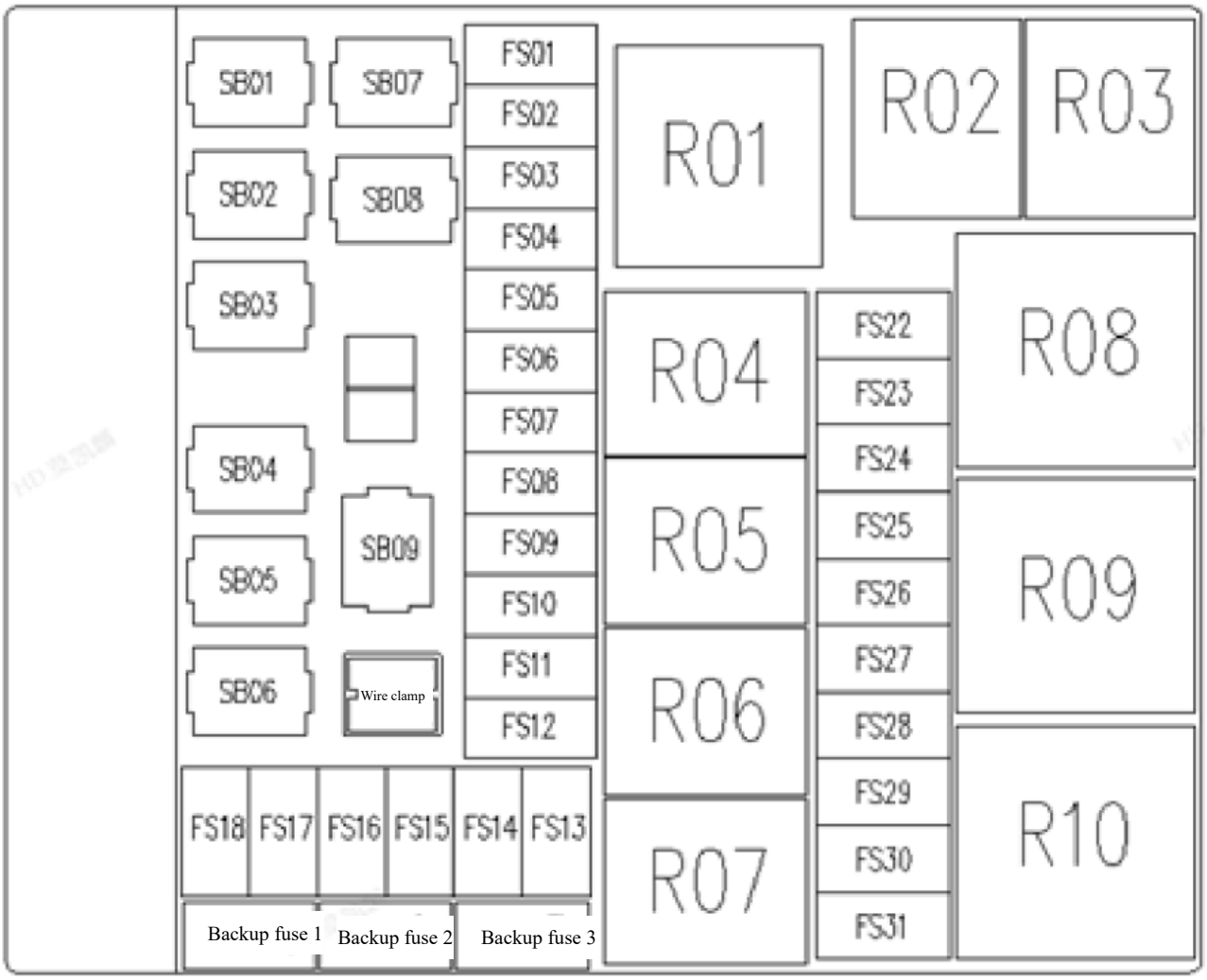
No.	Description	Rated current
MF01	Fuse of water injection pump	50A
MF02	Electric power assist fuse	80A
MF03	Electronic fan fuse	50A
MF04	Fuse of front windshield heater	80A
MF05	Fuse of instrument preservation box	50A
SB01	UB_VR BAT+ fuse	40A
SB02	Front blower fuse	40A

No.	Description	Rated current
FS19	OBC/brake switch fuse	10A
FS21	Headlamp fuse	10A
FS22	Relay coil fuse	5A
FS23	Wiper intermittent position fuse	20A
FS26	Electric horn fuse	15A
FS27	Reversing lamp fuse	10A
FS28	M/C relay fuse	
FS29	Fuse of PTC heating water pump	15A

SB06	UBB B+ fuse	60A
FS01	EFI sensor fuse	10A
FS02	Electronic fuel injector fuse	15A
FS03	ECU fuse	20A
FS08	Fuel pump fuse	15A
FS10	ECU IGN1 fuse	5A
FS11	GCU IGN1 fuse	5A
FS15	PDCU fuse	15A
FS17	GCU fuse	5A
FS18	ECU fuse	15A

FS30	Compressor fuse	15A
FS32	Left low beam lamp fuse	7.5A
FS33	Right low beam lamp fuse	7.5A
FS37	Drive water pump	15A
FS38	Audio unit fuse	30A
FS39	Bluetooth module fuse	10A
FS40	Transport mode fuse	30A

Arrangement of interior fuse box

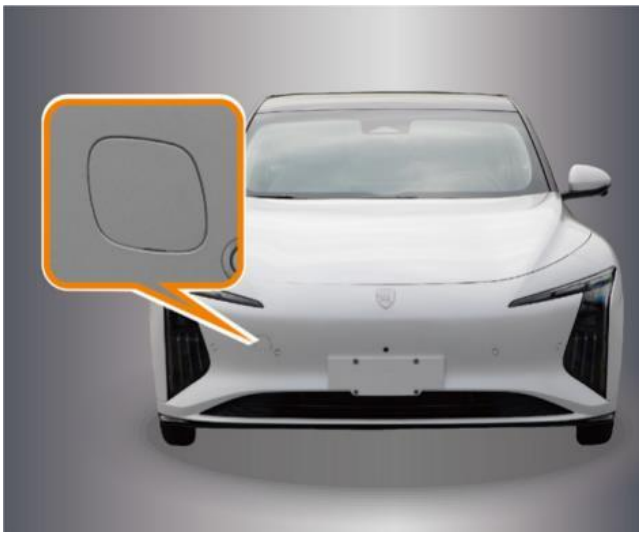


No.	Description	Rated current
SB01	Ignition switch fuse	60A
SB02	Liftgate ECU/lock power supply fuse	20A
SB03	Left door control module fuse	30A
SB04	Right door control module fuse	30A
SB05	Driver power seat fuse	30A
SB06	Rear defrosting fuse	30A
SB07	Front wiper fuse	20A
SB08	Front passenger power seat fuse	25A

No.	Description	Rated current
FS01	MCU fuse	15A
FS02	All-in-one electric drive fuse	15A
FS03	LAMP fuse	20A
FS04	OBD fuse	15A
FS05	Exterior light fuse	20A
FS06	Gateway B+ fuse	5A
FS07	Interior dome lamp fuse	15A
FS08	BMS fuse	10A
FS09	Seat heating fuse	20A
FS10	Audio power amplifier fuse	15A
FS11	A/C controller B+ fuse	7.5A
FS12	Front washer fuse	10A
FS13	Airbag IGN1 fuse	10A
FS14	A/C controller IGN1 fuse	5A
FS15	BCM IGN1 fuse	5A
FS16	Engine compartment IGN1 fuse	10A
FS17	Steering wheel heating controller fuse	15A
FS18	IGN2 fuse	5A
FS22	Backlight power supply fuse	7.5A
FS23	Fuse of right front and left rear position lamps	5A
FS24	Fuse of left front and right rear position lamps	5A
FS25	Instrument ACC fuse	10A
FS26	Wireless charging fuse	15A
FS27	USB power supply fuse	10A
FS28	12V power supply fuse	15A
FS30	Fuse of nozzle heater	10A
FS31	Fuse of rear seat heater	20A

Vehicle Traction

Front towing point



Rear towing point

Not equipped for domestic sales model, and only equipped for foreign sales model.

If the vehicle needs to be towed, contact a professional vehicle towing service department. Do not tow the vehicle only with ropes or chains.

Towing method

Flat plate unit

The vehicle can be loaded on a truck, which is the best way to transport the vehicle. When towing the vehicle in this way, both the front and rear wheels shall be firmly fixed on the trailer and the position shall be set in P position.

Wheel-lifting device

The towing vehicle inserts two support arms into the bottom of the front wheel of the vehicle, lifts the front vehicle wheel off the ground, and places the rear wheel on the small trailer (off the ground), which is a feasible method for towing the vehicle.

Precautions for towing

When wheel-lifting towing is adopted, the towing mileage should preferably not exceed 50 km, the speed should be kept below 30 km/h, and the vehicle must be in the following state:

1. Start the vehicle.

2. Set the shift lever to N position.

If any of the above conditions cannot be met, only flat plate transportation can be used or contact with the Forthing Special Service Station.

Caution

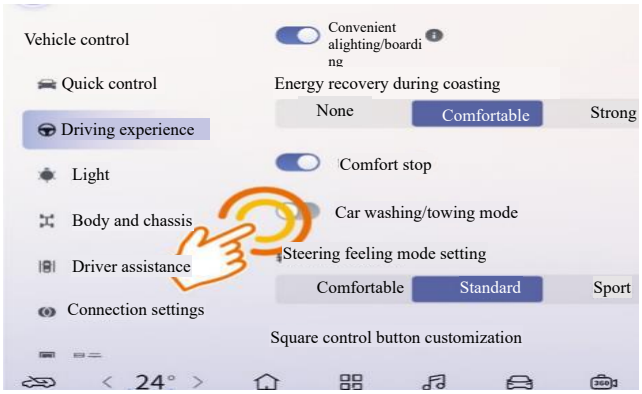
- Do not lift or tow the vehicle directly with the bumper, otherwise serious damage will be caused. When installing the towing cable, pay special attention to prevent the cable from damaging the body.
- Your vehicle is not designed to tow other vehicles. Such attempts will void your warranty rights.

△Warning

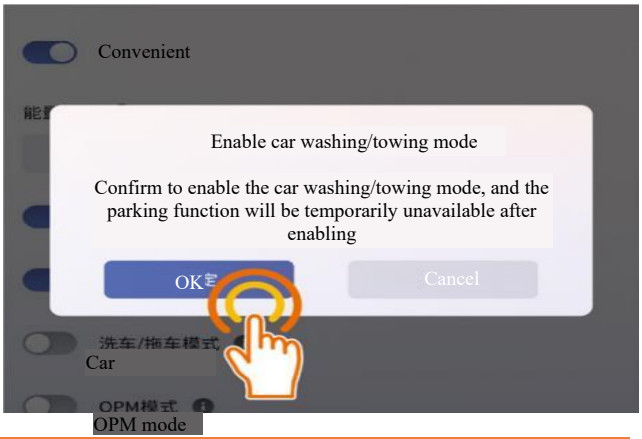
The above steps shall be strictly followed. Incorrect towing will damage the vehicle.

Car washing/towing mode

Entry



Continuously depress the brake pedal and switch the shift lever to N position, and then click the 6 [Vehicle Control] - [Driving Experience] - [Car Washing/Towing Mode] in the infotainment system homepage navigation bar to enter the interface for selecting whether to confirm to start the car washing/towing mode.



Caution

Click [OK] to enter the car washing/towing mode. During the whole process, the brake pedal shall be pressed all the time. The brake pedal can be released only after it is confirmed to enter the towing mode.

When the vehicle is pulled through the conveyor belt automatic car washer, the car washing/towing mode must be used and the operation shall be carried out in strict accordance with the requirements of the conveyor belt automatic car washer.

Caution

Do not jack the vehicle at any position other than the specified one. If the jacking position is incorrect, the bodywork may sag or an accident may occur when the vehicle falls.

Caution

Car washing/towing mode will also be used for towing and replacing battery pack.

Exit

Click [Driving Experience] → [Car Washing/Towing Mode] on the infotainment system again to exit the car washing/towing mode.

Jump start

If the vehicle needs to be jump started due to insufficient power of the 12V low-voltage battery, the jump start can be carried out with the help of the 12V low-voltage battery on other vehicles by using the jump start cable. Jumper connection is dangerous and should be handled with caution.

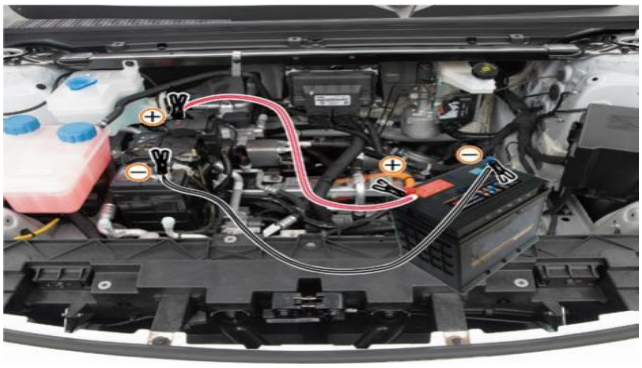
Operation steps

1. Power off the vehicle and turn off all electrical accessories of the vehicle.

2. Open the engine hood and connect the positive clamp of the jumper cable to the positive (+) terminal of the 12V low-voltage battery of the vehicle.

3. Connect the clip at the other end of the positive cable to the positive (+) terminal of the rescue vehicle battery.

4. Connect the negative cable clamp to the negative (-) terminal of the rescue vehicle battery.



5. Connect the negative clamp of the jumper cable to the negative (-) terminal of the 12V low-voltage battery of the vehicle.

6. Start the rescue vehicle and keep it running for about 5 minutes to charge the 12V low-voltage battery of this vehicle.

7. When the smart key is placed in the vehicle, depress the brake pedal to start the vehicle.

8. After the vehicle is running, please remove the jumper cable in the reverse order of connection, and contact the Forthing Special Service Station to repair the vehicle as soon as possible.

Caution
The vehicle has the intelligent power supplement function, which can automatically supplement power from the traction battery when the 12V low-voltage battery is short of power. If the traction battery SOC is low, the 12V low-voltage battery will also be exhausted, and the vehicle cannot be started by jumper cables at this time. Please contact the Forthing Special Service Station.

△Warning
When jump starting with a jumper cable from another vehicle, it is necessary to follow the instructions properly. Incorrect operation steps may cause fire, explosion or damage to the vehicle.

Drive motor overheating

If the power system fault warning lamp on the instrument cluster is on, immediately check the following steps: 1. Park the vehicle safely on the side of the road, press the P button, turn off all electrical accessories, and turn on the hazard warning lamp.

2. If the drive motor overheats due to overload, the drive motor will gradually cool down after the vehicle stops. At this time, wait until the power system malfunction warning lamp goes out before continuing driving.

3. Check for obvious coolant leakage, such as reservoir hose breakage. At this time, all components are in a heated state, so please be careful. If any leakage is found, please contact the Forthing Special Service Station as soon as possible.

4. If no obvious leakage is found, check coolant level in the reservoir. If the level is below the lower limit (MIN) mark or there is no coolant, the coolant shall be added in time.

5. Start the vehicle, set the A/C temperature control switch to the maximum temperature and the A/C air volume control switch to the maximum, add coolant to the expansion tank to keep the coolant level between the upper and lower limit scale lines, and install and tighten the coolant reservoir cover.

△Warning
Removing the reservoir cover when the drive motor is very hot can cause coolant to spray out, causing serious burns. Be sure to remove the reservoir cover after the drive motor cools down.

Vehicle specifications

Vehicle information

Vehicle identification information

There are several vehicle identification numbers (VINs) on your vehicle, which are located in different locations.

1. It is engraved on the cross beam under the front passenger seat and can be seen by lifting the carpet notch.

2. It is pasted on the dashboard body assembly.

3. It is pasted on the inside of the glove box.

4. It is pasted on the surface of the right front wall A-pillar inner panel.

5. It is pasted on the right B-pillar inner panel.

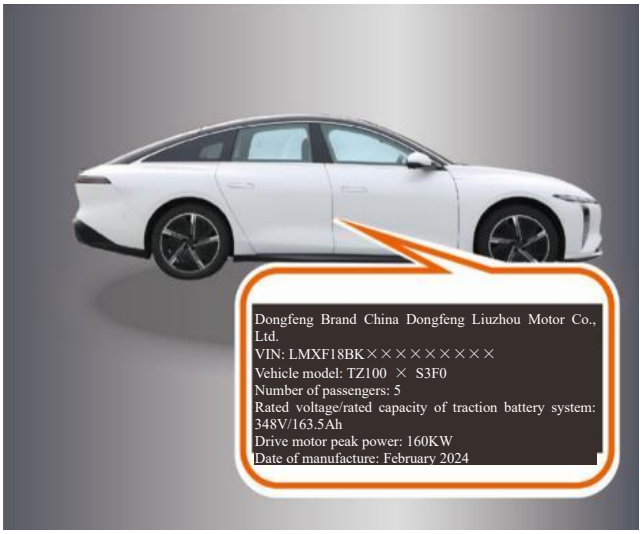
6. It is pasted on the surface of the drive unit assembly.

7. It is pasted on the inner panel of the engine hood.

8. It is pasted on the trunk inner panel.

9. It is pasted on the right front door inner panel.

Vehicle factory nameplate



The vehicle nameplate is located under the right center pillar and contains the following information:

1. Country of production

2. Manufacturer

3. Brand name

4. VIN

5. Vehicle model

6. Drive motor model

7. Rated voltage/rated capacity of traction battery system

8. Drive motor peak power

9. Max allowable gross mass

10. Seating capacity

11. Date of manufacture

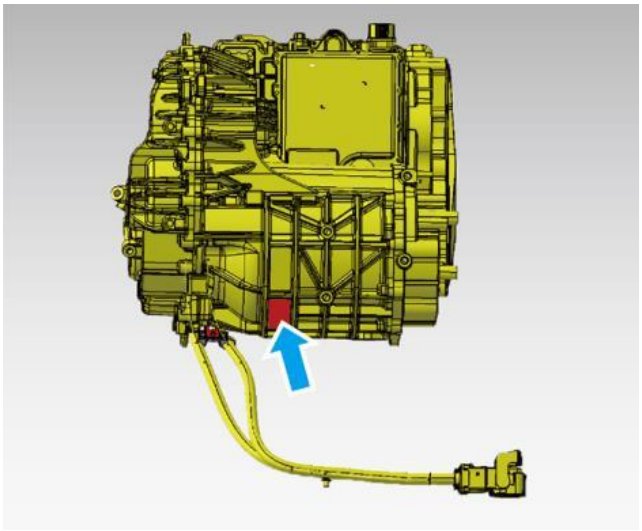
Vehicle identification code reading

Use the OBDII scan tool to read the vehicle VIN information through the OBD diagnostic interface.

Caution

The above VIN reading tools are not provided to the vehicle. If you need to purchase them, please contact the Forthing Special Service Station.

Drive motor information



The drive motor steel code is located under the motor housing.

Microwave window

The microwave window of the vehicle is located horizontally in the middle and vertically on the top of the front windshield.

The vehicle electronic identification should be installed in the left center of the microwave window. The identification contains the relevant information of the vehicle and cannot be obscured by the inside rearview mirror mounting bracket, sensor bracket, etc.

Caution

- Please keep the front windshield clean and dry.
- Do not paste film or metal materials at the microwave window position to ensure the standard installation of the vehicle electronic identification and the effective reading of the data.
- Do not cover, squeeze or remove the vehicle electronic identification! If the label is damaged, please reapply to the label issuing agency in time.

Dimension parameters

Item	Unit	LZ7150SB0REEV
Length	mm	4935
Width	mm	1915
Height	mm	1495
Front wheel track	mm	1640
Rear wheel track	mm	1650
Wheel base	mm	2915

Weight parameters

Item	Unit	LZ7150SB0REEV
Number of passengers	Person	5
Curb mass	kg	1810
Front axle kerb mass	kg	926
Rear axle kerb mass	kg	884
Maximum mass	kg	2185
Maximum mass of front axle	kg	1039
Maximum mass of rear axle	kg	1146

Engine parameters

Item	Unit	LZ7150SB0REEV
Engine model	-	DFMC15DE
Type	-	In-line 4-cylinder
Displacement	L	1.497
Bore × stroke	mm	73x89.4
Compression ratio	-	15±0.5
Rated power	Kw/rpm	77/5500
Maximum net power	Kw/rpm	74/5500
Maximum net power	N •m/rpm	132/4500
Ignition sequence	-	1-3-4-2
Overall emission level	-	China VI b

Drive motor parameters

Item	Unit	LZ7150SB0REEV
Drive motor model	-	TZ200XS3F0
Type	-	Permanent magnet synchronous motor
Rated power	kW	65
Peak power	kW	160
Rated rotational speed	rpm	4280
Maximum RPM	rpm	16000
Rated torque	N.m	145
Max torque	N.m	310
Protection class	-	IP67
Cooling mode	-	Liquid cooling

Power battery parameters

Model of power battery		0QD-S73a-28.36-160-88BF
Type of power battery		Lithium iron phosphate battery
Cell information	Rated voltage (V)	3.16
	Rated capacity (Ah)	88
Power battery information	Rated voltage (V)	322
	Rated capacity (Ah)	88
	Power battery pack mass (kg)	259
	Protection class	IP68
	Number of power battery packs	1

Seat parameters

Item	Front seat adjustment	Rear seat adjustment
Front and rear positions of seat set	200 mm forward and 20 mm backward	Not adjustable
Seat back angle state set	25°	30°
Normal use state of seat backrest	Forward 26°, backward 40°	Lower it forward by 100° from the design position

Main overall parameters of chassis

Item		LZ7150SB0REEV
Suspension system	Front suspension	McPherson independent suspension
	Rear suspension	Multi-link independent suspension
Steering system	Power-assisted form	Electric power steering
Brake system	Structural type	Dual-circuit hydraulic service brake system
	Front brake	Disc type
	Rear brake	Disc type
	Stroke of brake pedal	1 mm ~ 12 mm

	Brake clearance of vacuum booster with brake master cylinder assembly	/
	Braking clearance of front and rear brakes	0.1 Mm ~ 0.3 mm

Braking parameters

Item	Unit	LZ7150SB0REEV
Front wheel brake disc	Set value (mm)	28
	Service limit (mm)	26
Front wheel friction plate	Set value (mm)	12
	Service limit (mm)	2
Rear wheel brake disc	Set value (mm)	12
	Service limit (mm)	10
Rear wheel friction plate	Set value (mm)	10
	Service limit (mm)	2

Performance parameter

Item	Unit	LZ7150SB0REEV
Max. speed	km/h	165
Maximum gradeability	%	30

Vehicle trafficability parameters

Item	Unit	LZ7150SB0REEV
Approach angle (no-load)	°	14°
Departure angle (no-load)	°	16°
Longitudinal passing angle (no-load)	°	11.5°
Minimum turning diameter	m	< 11.5
Minimum ground clearance (full load)	mm	115

Fluid specifications and capacity

Item	Specifications	Capacity
Gasoline	92# and above	45L
Engine oil	SP 0W-20	4.8L for initial installation, 4L for maintenance
Engine + heater + battery pack circuit coolant	OAT-35	10.5±0.5L
Reducer lubricating oil (TZ200XS3F0)	MTF GL-4 75W	1.0±0.05L
Electric drive and engine coolant	OAT-35	5±0.5L
Power battery coolant	OAT-35	About 4.0 L
Brake fluid	DOT4	About 0.8 L
Front windshield washer fluid	NFC-60	About 1.8L
A/C refrigerant (If you have any doubts, please consult the Forthing Special Service Station)	R134a (National standard)	1000±20g
	1234YF (European standard)	1000±20g

Rim and tire specifications

Item	LZ7150SB0REEV
Tire specifications	235/50 R18,235/45 R19, 235/40 ZR20 (not equipped with this type of tire, optional)
Rim specifications	18×7J,19×7.5J, 20 x 8 J (not equipped with this type of rim, optional)
Tire pressure (full load)	250kPa
Tire pressure (no load)	250kPa

Four-wheel alignment parameters

Item		LZ7150SB0REEV	Remarks
Wheel toe-in	Front wheel	0.08° ± 0.08°	/
	Rear wheel	0.08° ± 0.08°	/
Wheel camber	Front wheel	-0.6° ±0.5°	The left and right difference is within 0.55°
	Rear wheel	-1.2° ±0.5°	/
Kingpin caster angle	Front wheel	6.1° ±0.5°	The left and right difference is within 0.55°
Kingpin inclination angle	Front wheel	14.21° ±0.5°	/

Fuel consumption parameters

Item	Unit	LZ7150SB0REEV
Fuel consumption parameters	L/100km	0.66

Information on key parts for emission control

Item	LZ7150SB0REEV			
Names of key parts for emission control	Engine ECU	Lambda sensor	Three-way catalyst	Front exhaust pipe assembly
Models of key parts for emission control	MG1US008	LSU/APRY-NC02C	C15DR C015-E	B200059760
Manufacturer	UAES	UAES/Ampron	Kunming Sino-Platinum Metals Catalyst Co., Ltd.	Wuxi WEIFU Lida Catalytic Converter Co., Ltd.
Effective service life	Three years or 60,000 km			