



# S7 使用手册

## S7 User Manual

英语  
English

Dear users:

Congratulations on you having a Xinghai S7, and thanks for your trust in Dongfeng Forthing. The Manual introduces Xinghai S7 in terms of drive safety, equipment operation and vehicle maintenance. Such information will help you use the vehicle correctly, so that you can really experience the driving pleasure from Xinghai S7.

The table of contents and illustrations of vehicle in the Manual can facilitate you to understand your car quickly. The following twelve chapters provide a detailed introduction to the use methods of various vehicle facilities. Before using the vehicle, please carefully read the documents delivered with the vehicle. The information provided in these documents is very important for guaranteeing the driving and property safety, please strictly observe and properly keep these documents.

When reading the Manual, you will find signs such as "Note", "Warning" and corresponding instructions. These instructions are contributive to guaranteeing the personal, vehicle and property safety, please strictly observe.

Graphs and texts in the Manual are only for the purpose of transmitting use information of main functions and facilities of the vehicle, instead of serving as the basis for the product acceptance. In case of any discrepancies from the actual vehicle, the actual vehicle shall prevail.

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Technical update instructions: IoV and electronic technology products are updated rapidly. Please update in time to guarantee user experience.

If you need to inquire about Xinghai S7 new energy vehicle, please visit our Internet website: <https://www.forthingmotor.com/> (official website)

Wish you a safe journey!

Dongfeng Liuzhou Motor Co., Ltd.

August, 2024

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Note: The cover and pictures of this manual are provided for reference only, and the actual vehicle shall prevail.



## Configuration Description

### \* Asterisk

Asterisk “\*” following the title or name indicates that described device or function is only equipped in certain models, and may not necessarily be equipped in your vehicle.

### Safety instructions

Safety label plates — Attached to the vehicle.

Safety prompt information — Identified by hazard warning symbols and words such as "Danger", "Warning" or "Note". The meanings of these words are as follows:



#### **Danger**

Used to indicate the danger that may cause serious personal injury or death.



#### **Warning**

Used to indicate the danger that may cause personal injury or other damage.



#### **Caution**

Used to indicate the danger that may cause minor personal injury or vehicle injury.

## Data safety instructions

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

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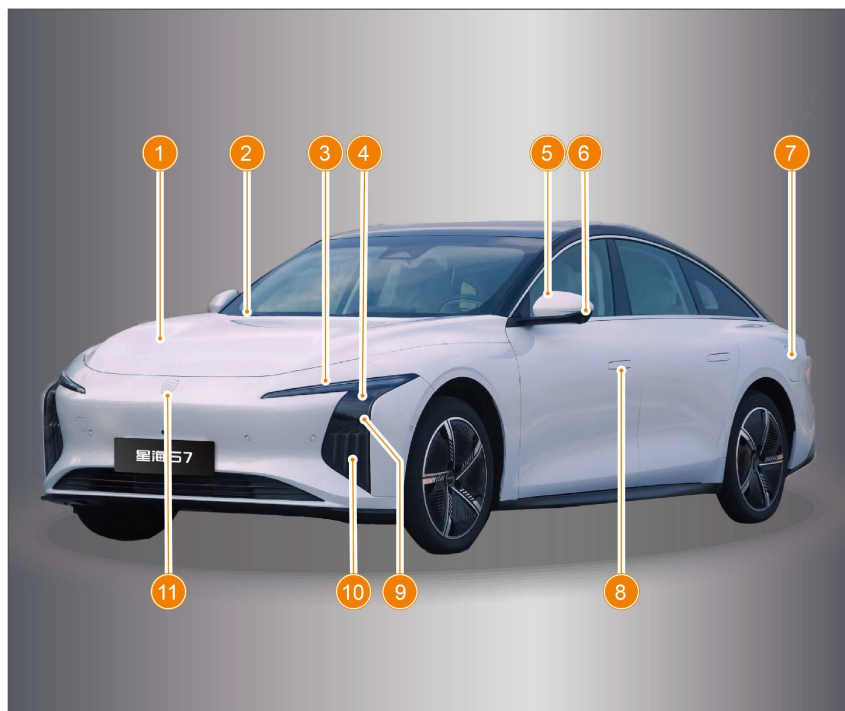
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## Exterior

### Front of vehicle



1. Engine hood

2. Front wiper

3. Daytime running light/position light/front turn signal/sequential turn signal

4. High beam auxiliary light

5. Exterior rearview mirror

6. Side turn signal

7. Charging port cap

8. Concealed door handle

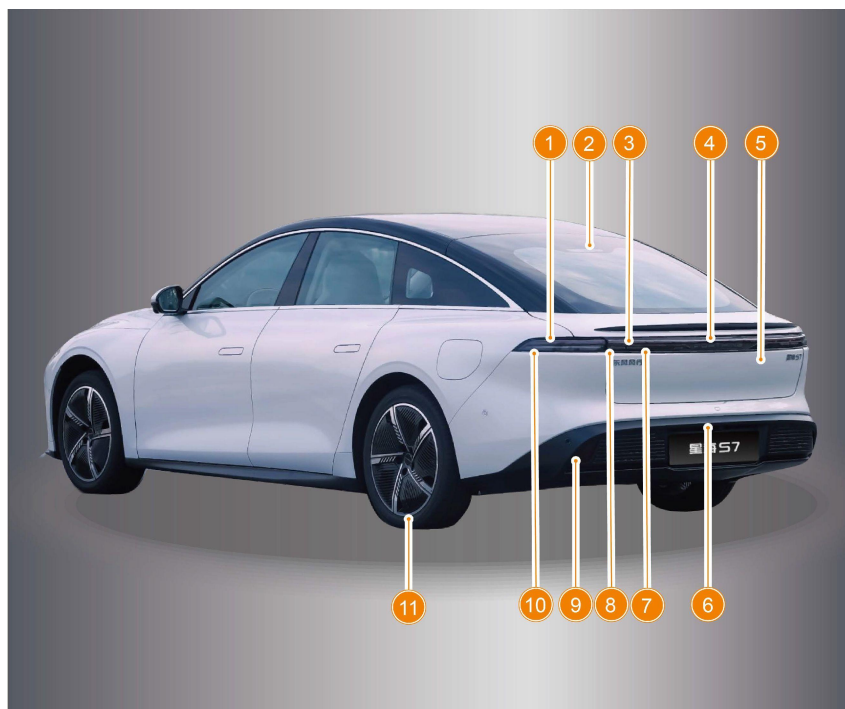
9. High/low beam

10. Daytime running light/position light

11. Front LOGO light\*

## Vehicle Illustrated Index

## Rear



1. Position light/brake light

2. High-mounted brake light

3. Position light

4. LOGO light

5. Trunk lid

6. License plate light

7. Rear fog light

8. Reverse light

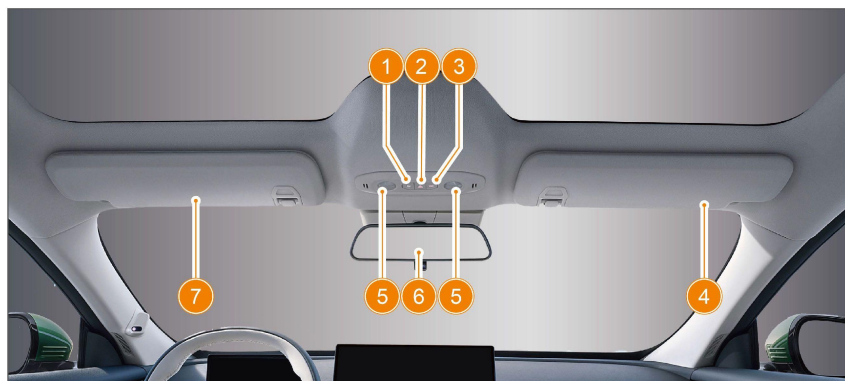
9. Retro-reflector device

10. Rear turn signal/sequential turn signal\*

11. Tire

## Interior

### Interior roof



1. A/C switch

2. Hazard warning light switch

3. SOS button

4. Right sun visor

5. Front interior light

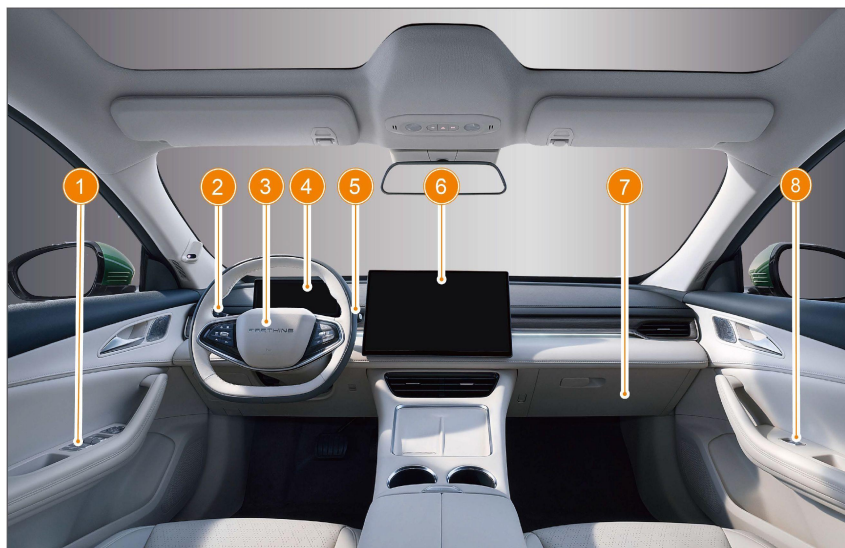
6. Interior rearview mirror

7. Left sun visor



## Vehicle Illustrated Index

### Instrument panel



- |                                              |                                                        |
|----------------------------------------------|--------------------------------------------------------|
| 1. Driver side power window regulator switch | 5. Shift lever                                         |
| 2. Light and wiper control handle            | 6. Multimedia display screen                           |
| 3. Steering wheel                            | 7. Glove box                                           |
| 4. Combination instrument                    | 8. Power window control switch of front passenger seat |

## Console



1. Central armrest box

2. Cup holder

3. Upper storage shelf of console/wireless charging\*

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## Traction battery

### Long-term parking of vehicles

If the vehicle needs to be parked for a long time, the following measures shall be taken. Proper preparation helps to prevent deterioration of vehicle conditions and makes it easy for the next use of the vehicle. If possible, please park the vehicle in a dry room and avoid parking it in a humid environment for a long time, such as a waterlogged parking lot.

1. Long-term storage of the vehicle with low SOC will cause irreversible damage to the traction battery. Therefore, if the vehicle is not used for a long time, please fully charge the vehicle before storage. It is recommended that the traction battery should be maintained every 3 months until it is discharged below 50% SOC and then fully charged by slow charging.

2. Clean the interior of the vehicle and make sure that the carpet and mat are completely dry.

3. Block the rear wheels with obstacles to prevent backward slipping.

4. Disconnect the wiring of 12V LV battery, and insulate the cable connector with insulating tape.

5. Pad the wiper with a towel or cloth so that it does not come into contact with the front windshield.

6. In order to reduce sticking, silicone lubricant shall be sprayed on all doors and trunk seals, and body wax shall be applied on the paint surface where the doors and trunk seals contact.

7. Cover the vehicle body with a breathable covering made of porous material such as cotton cloth. Non-porous materials such as plastic cloth will accumulate water vapor and damage the body surface paint.



### Caution

If the vehicle has been parked for one year

or more, it may not be able to start or its maneuverability may become poor. In this case, please contact the authorized service station of Dongfeng Forthing as soon as possible.

### Traction battery overheating

If the powertrain fault warning light on the combination instrument illuminates and the message "traction battery failure, please keep away from the vehicle as soon as possible" is displayed, carry out inspection immediately according to the following steps:

1. Safely park the vehicle at roadside, press P gear button, turn off all electrical appliance switches and turn on hazard warning light.

2. If the traction battery overheating due to overload, the traction battery will be cooled continuously when the vehicle is powered up (without locking). In this case, you should wait until the powertrain fault warning light goes out before continuing driving.

3. If the vehicle is stationary, and power system overheating still exists after being powered on (with the vehicle not locked) for more than half an hour, check for obvious coolant leakage. For example, if the expansion tank hose breaks, all components are scorching at this time, so please be careful. If any leakage is found, please contact the authorized service station of Dongfeng Forthing as soon as possible.

4. In case of no obvious leakage, check the coolant level in the fluid reservoir. If the coolant level is below the lower limit (MIN) mark or there is no coolant, please contact the authorized service station of Dongfeng Forthing in time to add coolant so that the coolant level remains between the upper and lower limits.

5. Check whether the A/C system works normally. If not, please contact the authorized service station of Dongfeng Forthing as soon as possible.

### Recycling of traction battery

According to the relevant regulations of the Interim Measures for the Administration of Recycling Traction Batteries of New Energy Vehicles issued by the state, the NEW owner shall send the vehicle to an after-sales service organization with appropriate capacity for battery repair and replacement, when necessary. When the new energy vehicle meets the scrapping requirements, it should be sent to the scrap vehicle recycling and dismantling enterprise to disassemble the traction battery. New energy vehicle owners shall hand over used traction batteries to recycling service stations. Anyone who hands over waste traction batteries to any other organization or individual or touches, removes and disassembles any traction batteries privately shall be liable for environmental pollution or safety accidents so caused.

### Charging precautions

1. For the convenience of more accurate estimation of the vehicle's range, please use AC charging method to charge the battery to 100% during the first charging after picking up the vehicle; During the use of the vehicle, it should be fully charged at least once a month.

2. After charging, please ensure that the charging interface cover is closed. Closing only the charging port cap without the charging port cap may allow water or foreign matter to enter the charging interface, resulting in charge failure.

3. Do not try to perform jump start on a 12V LV battery when charging the traction battery. Otherwise, it may cause damage to the vehicle or charging equipment and could lead to personal injury. Please refer to "Jump start" in Chapter X "Emergency Self-handling" for specific methods of the jump start.

4. Do not insert any object other than the charging plug into the charging interface; otherwise, the charging interface may be damaged.

5. Before connecting the portable

charging plug or AC charging pile, make sure that a special power supply is used for charging. It is recommended to use 220V 50Hz 10A dedicated AC line and power socket to connect the portable charging plug for charging.

6. The charging temperature range of the traction battery is  $-20^{\circ}\text{C}\sim 55^{\circ}\text{C}$ . Discharge temperature range:  $-30^{\circ}\text{C}\sim 55^{\circ}\text{C}$ . Please charge and discharge within the reasonable operating temperature range of the power battery.

7. The traction battery temperature is not equal to the ambient temperature. The traction battery can be basically consistent with the ambient temperature only after being kept stationary for about 12~18 hours.

8. The electrolyte of the traction battery is chemical material. Due to the composition and proportion of chemical materials, charging the traction battery at low temperatures easily leads to its service life attenuation, which poses potential safety hazards. Charging it at a temperature above  $0^{\circ}\text{C}$  as far as possible is recommended.

9. During operation of the vehicle, if the ambient temperature is low, the traction battery heating function will be activated. When the traction battery temperature reaches the specified temperature, the traction battery heating function will stop.

10. When the vehicle is slowly charged in a low temperature environment, and the traction battery heating system is turned on, if the charging power is too low, the A/C system cannot be used.

11. During charging, if the temperature of the traction battery is high, the vehicle will activate the cooling system to cool the traction battery. During charging in the cooling process, the vehicle will prioritize using the external power source to cool the traction battery. Therefore, it is normal that the SOC of the traction battery remains unchanged or rises slowly. When the external power supply is underpowered,

the vehicle will also use the traction battery and the external power supply to cool the traction battery at the same time. It is normal that the SOC of the traction battery decreases first and then increases.

12. Do not open or close the engine hood when charging the vehicle.

13. As a new energy vehicle, the vehicle needs electric power to operate. The traction battery is the only power source for operating the vehicle.

14. Completely running out of traction battery will cause damage to the traction battery and shorten its service life. Therefore, when the vehicle prompts that the traction battery is low, please charge it in time. When the power displayed on the combination instrument is 0%, please stop using the vehicle immediately and charge it in time.

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

16. When the weather is cold, choose warm locations such as basements for charging, as this can reduce the charging time.

17. If the power supply resumes after a short-time outage of the external power grid, the charging equipment will re-start charging automatically (the time for restarting charging may be extended). In case of multiple power failures, please stop charging and check whether the power supply is normal.

18. During vehicle charging, if the power grid fluctuates greatly, the charging power will fluctuate, and even charging may be suspended.

19. After the traction battery is fully charged, the system will automatically stop charging.

20. When using a portable household AC charging plug, pull out the AC charging

plug and then disconnect the power 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 when the charging interface cover is open.
- Do not strike any charging equipment.
- Do not drag the charging plug or charging cable.
- Do not store or use charging equipment at temperatures above 50°C.
- Do not place the charging equipment near a heater or other heat sources.
- Do not insert an AC charging plug and a DC charging plug for charging at the same time.



### Warning

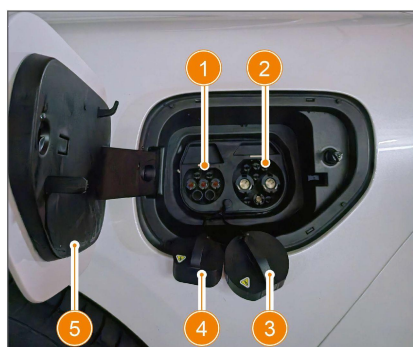
- If you have used medical equipment (e.g. implanted cardiac pacemaker or cardioverter defibrillator), before charging, the equipment manufacturer must check whether it will affect the medical equipment before use.
- When the traction battery is charged, incorrect operation may cause safety accidents such as short circuit, electric shock and fire, and even endanger personal safety in severe cases.
- Do not touch metal objects of the charging interface, charging plug or power plug.
- Do not use extension cables or electrical plug adapters.
- Do not use a charging plug, AC charging pile or DC charging pile that does not meet the requirements of national standards for charging.
- Do not disassemble or modify the



charging interface, portable charging plug and AC charging pile.

- Before starting the vehicle, make sure that the charging plug or discharging plug has been pulled out of the charging interface.
- During charging, the cooling fan may start at any time. Please ensure that hands, hair, jewelry, or clothing do not come into contact with the cooling fan.
- Do not charge outdoors during thunderstorms, as lightning strikes could damage the charging equipment. Moreover, exposure to heavy rain may lead to damage to the traction battery due to short-circuiting.
- If you detect any pungent odor or see smoke coming out of the vehicle, please stop charging or discharging immediately and keep away from the vehicle as soon as possible.
- Before charging or discharging, please make sure that there is no water or foreign matter in the charging interface, charging plug, or power plug, and that the charging equipment is not damaged or corroded. If any condition 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



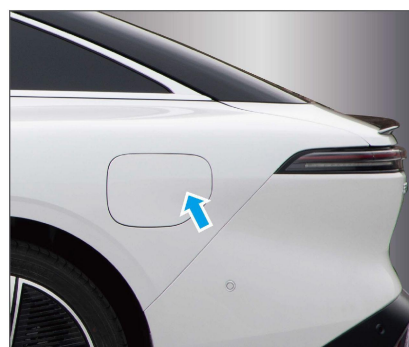
1. AC charging interface
2. DC charging interface
3. DC charging interface cover

### 4. AC charging interface cover

### 5. Charging port cap

The charging interface is located on the rear left side 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 connection equipment with its 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 connection equipment with the charging interface.

### Normally OFF

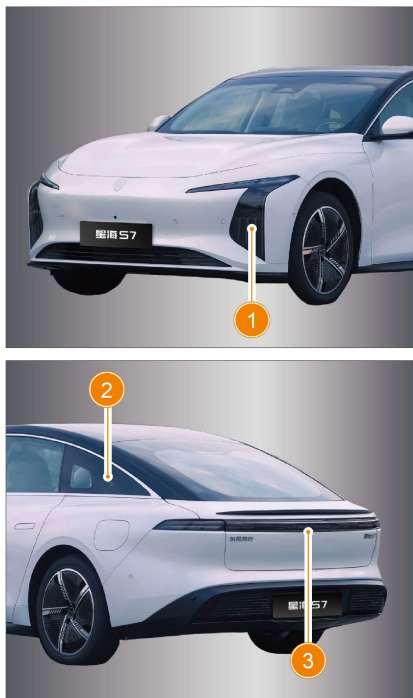
After charging is completed, pull out the charging plug, cover the charging interface cover and the charging port cap in turn, press the right side of the charging port cap to close and lock the charging port cap.

### AC charging interface lock

The AC charging interface lock is associated with whether the door is locked. After the AC charging plug is connected and normal charging starts, press the lock button on the intelligent key to lock the door, and then the AC charging interface will be locked; after pressing the unlock button on the intelligent key or approaching the vehicle with the intelligent key to unlock the door (when the automatic unlocking/locking function is activated), the AC charging interface becomes

unlocked, and the charging plug can be pulled out normally at this time.

### Charging status indicator



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

Type I: During charging, the front and rear charging indicators flash.

Type II: During charging, the front and rear charging indicators are displayed in running order. The power of the traction battery increases, and the part of the front charging indicator that is always on increases.

Type III: During charging, the front and rear charging indicators are displayed in running water, and the rear triangular window charging indicator flashes. If charging is performed when the traction battery is full, the rear triangular window charging indicator will stay on for a period of time and then go out. The discharging process is not displayed.

### AC charging with portable charging plug

The portable charging plug is not provided with the vehicle and needs to be

prepared by the owner. Please use a portable charging plug that meets the national standards GB/T 20234.1-2023 and GB/T 20234.2-2015. The following only introduces the operation method of the portable charging plug, and the specific configuration is subject to the actual vehicle.

#### Operation steps

1. After the vehicle is parked stably, press the P gear button.
2. Open the charging port cap and AC charging interface cover.
3. Take out the portable charging plug.
4. Remove the shield from the portable charging plug.
5. Check whether the three-pin socket of household power supply is reliably grounded.
6. Plug the power plug of the portable charging plug into a household power socket.
7. Connect the portable charging plug to the AC charging interface on the vehicle.
8. Press the lock button on the intelligent key to lock the door; at this moment, the AC charging interface is locked.
9. During charging, press the lock button on the intelligent key to lock the vehicle and then the charging plug will be locked. After charging is completed, press the unlock button on the intelligent key or carry the intelligent key to unlock the door (when the automatic unlocking/locking function is activated). See relevant instructions of "Opening, Closing and Locking Door" in Chapter V "Basic Function Operation" for details. Unlock the AC charging interface and remove the charging plug.
10. Pull out the portable charging plug from the household power socket, install the shield back onto the portable charging plug, wind the portable charging plug and put it back to the designated position.

11. Close 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.

### **Danger**

When charging with a household power supply, ensure that the selected socket and patch cords can handle a current no less than the rated current specified on the nameplate of the AC charging socket. Ensure that the three-pin socket of the household power supply is reliably grounded; otherwise, there is a danger of electric shock.

### Charging time

Due to the comprehensive influence of ambient temperature, power supply environment and other factors, the actual charging time shall be subject to the remaining charging time on the multimedia display screen.

### Charging with AC charging pile

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

### Operation steps

1. After the vehicle is parked stably, press the P gear button.
2. Open the charging port cap and AC charging interface cover.
3. Remove the charging plug from the AC charging pile.
4. Connect the charging 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. Press the lock button on the intelligent key to lock the door; at this moment, the AC charging interface is

locked.

7. During charging, press the lock button on the intelligent key to lock the vehicle and then the charging plug will be locked. After charging is completed, press the unlock button on the intelligent key or carry the intelligent key to unlock the door (when the automatic unlocking/locking function is activated). See relevant instructions of "Opening, Closing and Locking Door" in Chapter V "Basic Function Operation" for details. Unlock the AC charging interface and remove the charging plug.

8. Turn off the power supply of the AC charging pile, and put the charging plug on the AC charging pile back to the designated position.

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

### **Caution**

During AC charging, it is recommended to lock the door to increase the charging power.

### Charging time

Due to the comprehensive influence of ambient temperature, charging pile power, power supply environment and other factors, the actual charging time shall be subject to the remaining charging time on the multimedia display screen.

### Emergency unlocking of AC charging plug



If the AC charging plug cannot be pulled out after pressing the unlock button on the intelligent key or unlocking the door

with the intelligent key carried, open the trunk, remove the left maintenance hatch cover and pull out the emergency unlocking pull-tab for a certain distance to unlock the AC charging plug in an emergency.

#### Charging with DC charging pile

The DC charging pile is not equipped with the vehicle and needs to be provided by the owner. Please use an DC charging pile that conforms to national standards GB/T 20234.3-2023 and GB/T 27930-2023. For specific operation methods, please refer to the instructions for the purchased charging pile.

#### Operation steps

1. After the vehicle is parked stably, press the P gear button.
2. Open the charging port cap and DC charging interface cover.
3. Remove the charging plug from the DC charging pile.
4. Connect the charging plug to the DC charging interface 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's charging is complete, the automatic control system of the DC charging pile can automatically terminate the charging session. Alternatively, you can manually stop the charging according to the operating instructions of the DC charging pile.
7. After charging, pull out the charging plug and put it back to its original position.
8. Close the DC charging interface cover, press the right side of the charging port cap to close and lock it.

#### Charging time

Due to the comprehensive influence of ambient temperature, charging pile power, power supply environment and other factors, the actual charging time shall be subject to the remaining charging time on the multimedia display screen.

## 220V AC exterior discharging

The AC discharging plug is not provided with the vehicle and should be prepared by the owner. Please use a discharging plug conforming to standards GB/T20234.1-2023 and GB/T 20234.2-2015; otherwise, it may cause a vehicle fault or safety accident.

#### Operation steps

1. After the vehicle is parked stably, press the P gear button.
2. Please confirm that the power displayed on the combination instrument is greater than 20%, and the discharging function cannot be used when the power is less than 20%.
3. Remove the discharging plug shield.
4. Open the charging port cap and the AC charging interface cover, and connect the discharging plug to the AC charging interface on the vehicle.
5. Press the lock button on the intelligent key to lock the door; at this moment, the AC charging interface is locked.
6. Press the switch (if any) on the power strip to discharge.
7. If discharging has started normally, the combination instrument will display "Discharging".

#### Stop 220V AC exterior discharging

To stop 220V AC discharging, proceed as follows:

1. Turn off the electrical equipment and press the power strip switch (if any) to disconnect the power supply.
2. After the discharging is completed, if you need to remove the discharging plug, first press the unlock button on the intelligent key or carry the intelligent key to unlock the door (when the automatic locking/unlocking function is activated). For details, see relevant instructions of "Opening, Closing and Locking of Doors" in Chapter V "Basic Function Operation".



After the door is unlocked, press the release button on the discharging plug and remove the discharging plug.

3. Install the discharging plug shield, and then put it back in the designated position and fix it.

4. Close 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.

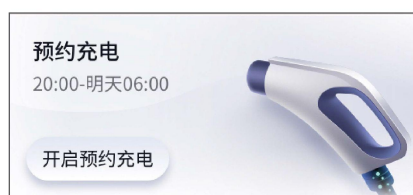


### Caution

- When the traction battery SOC is lower than 20%, it will automatically stop discharging and disable the AC discharging function.
- The charging interface for 220V AC exterior discharging is the same as that for AC charging, so the locking and unlocking operations of the discharging plug are also the same as those of the AC charging plug.

## Scheduled charging

Enter the presetting interface



Tap [App Center] - [Energy Center] - [Enable Scheduled Charging] in the navigation bar on the homepage of the multimedia display screen in turn to enter the scheduled charging interface.

Conduct presetting settings

You need to set scheduled charging before inserting the AC charging plug.



1. Tap [Scheduled Slow Charging] to enable/disable the scheduled charging function.

2. Tap [Set Time] to enter the scheduled charging time setting interface.



3. You can choose to make a reservation for one time or every day, and set the reserved charging start time and end time as required.



### Caution

Scheduled charging cannot be performed in any of the following cases:

- The vehicle is not in ON gear.
- External temperature  $< 5^{\circ}\text{C}$ .
- The multimedia system cannot receive valid external temperature signal.
- When the vehicle is charged within the scheduled time, if the charging plug is not removed but there is no AC power supply, the timing will continue.
- The start time for the scheduled charging cannot be earlier than the current time.
- The reservation for charging cannot be canceled.

## Remaining charging time



The remaining charging time can be checked through the multimedia display screen and the combination instrument.

**Caution**

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



## Common troubleshooting for charging

Symptom	Possible cause	Solution
Unable to charge or unable to discharge at 220V	The vehicle is not in P gear	Shift to the P position before charging.
	AC charging plug and DC charging plug are connected at the same time	AC and DC charging cannot be carried out at the same time, only one of them can be used.
	The charging equipment is not connected correctly	Check whether the charging equipment is connected correctly and charge in the correct way.
	Traction battery temperature too high or too low	Check the traction battery temperature to ensure that it is within the allowable range. If it's too hot or too cold, cooling or heating is required before charging.
	12V LV battery voltage is too low	If the voltage of the 12V LV battery is lower than 9V, charge it or jump-start the vehicle before charging. For details, please refer to the relevant instructions of "Jump Start" in Chapter X "Emergency Self-handling".
	Vehicle fault (s)	If the vehicle is faulty, please first confirm whether the warning light on the combination instrument illuminates or indicates a charging fault. If a warning or charging fault is displayed, stop charging and contact a Dongfeng Forthing authorized service station.
Unable to charge	The traction battery has been charged to the set charge level	If the battery has been charged to the set level, charging cannot continue. If you need to continue charging, please reset it.
	The charging power supply is not grounded	Check whether there is any relevant fault display. If the relevant fault is displayed, stop charging and contact a Dongfeng Forthing authorized service station.
	The charging source is not supplying power normally	
	The power source being used does not conform to the State Grid's requirement of 50HZ, 200V	
	The traction battery is fully charged	Unplug the charging plug, start the vehicle, and check whether the vehicle SOC is 100%. If the display shows 100%, the traction battery is fully charged, and charging stops.

	Scheduled charging is set	Check if the scheduled charging has been set and the scheduled time has not yet been reached. If it has been set, please either cancel the scheduled charging or wait until the scheduled time. Refer to the "Scheduled charging" section in this chapter.
Unable to charge	The fast charging pile is malfunctioning	Confirm whether the combination instrument prompts a charging pile fault. If "Power supply equipment stops 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 "Power supply equipment stops working" is still displayed after replacement, it is recommended to contact a Dongfeng Forthing authorized service station for inspection.
	Charging facilities do not meet the requirements of national standards	Use a portable charging plug or charging pile that meets the requirements of national standards for charging.
Unable to execute the scheduled charging function	Charging plug not connected	Correctly connect the charging plug.
	Immediate charging button is pressed	When immediate charging is selected, scheduled charging cannot be performed.
	No scheduled charging timer has been set	Set the schedule for the scheduled charging timer. Refer to the "Scheduled charging" section in this chapter.
	The scheduled charging function is not set correctly	Please perform the scheduled charging operation in the correct order. Refer to the "Scheduled charging" section in this chapter.
Charging stops halfway	The power supply is disconnected	Check whether the power supply is disconnected. If so, please connect the power supply and re-execute the charging steps for charging.
	The charging plug is disconnected	Check whether the charging plug is disconnected. If so, please connect it and re-execute the charging steps for charging.
	AC charging plug and DC charging plug are connected at the same time	AC charging and DC charging cannot be carried out at the same time, but only one of them can be used.
	The scheduled charging time has been reached	When scheduled charging has been set and the time to end scheduled charging is reached, charging will stop even if the traction battery is not fully charged.
	Traction battery	Check the traction battery temperature to ensure that it

	temperature too high	is within the allowable range. In case of overheating, please cool it for a while before recharging.
	The pause or stop button in the charging equipment has been pressed	Check whether the pause button or stop button in the charging equipment is pressed. If pressed, the charging device needs to be activated to restart charging.
	Vehicle fault (s)	If the vehicle is faulty, please first confirm whether the warning light on the combination instrument illuminates or indicates a charging fault. If a warning or charging fault is displayed, stop charging and contact a Dongfeng Forthing authorized service station.
Discharging stops halfway	The power supply is disconnected	Check whether the power supply is disconnected. If so, please connect the power supply and re-execute the discharging steps for discharging.
	Discharging plug is disconnected	Check whether the discharging plug has been disconnected. If so, please connect it and re-execute the discharging steps for discharging.
	Discharging plug and DC charging plug are connected at the same time	Do not insert the discharging plug and DC charging plug at the same time. Only one of them can be used.
	Traction battery temperature too high	Check the traction battery temperature to ensure that it is within the allowable range. In case of overheating, please cool it for a while before discharging.
	Vehicle fault (s)	If the vehicle is faulty, please first confirm whether the warning light on the combination instrument illuminates or indicates a charging fault. If a warning or charging fault is displayed, stop charging and contact a Dongfeng Forthing authorized service station.

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## Seat belt

### Introduction to seat belt

In accidents caused by emergency braking, sudden turning and collision, the seat belts will restrain the driver and passengers on the seats to prevent their bodies from moving forward, thus protecting them from secondary impacts. Correct use of seat belts can reduce injuries to passengers in the vehicle.



#### Caution

- Before driving, make sure that all passengers in the vehicle have worn seat belts correctly and always use them when the vehicle is running. Seat belts can protect the driver and passengers to the greatest extent in an accident.
- The seat belts in the vehicle are mainly designed based on the body shape of adults and not suitable for children. Please select a suitable child restraint system according to your child's age and body shape.
- If the seat belt or retractor is damaged or abnormal, please contact an authorized service station of Dongfeng Forthing immediately for confirmation and handling. Do not use the corresponding seat before handling.

### Seat belt retractor

Each seat belt is equipped with a seat belt retractor. During normal driving, the retractor keeps a certain tension on the seat belt so that the driver and passengers can still move freely on the seat. In case of an emergency, the retractor will automatically tighten to restrain the driver and the passenger on the seats to avoid injury. In case of abnormal locking function of the retractor, please contact an authorized service station of Dongfeng Forthing.

### Seat belt pretensioner\*

When the vehicle suffers from some serious frontal or side collisions, the seat belt pretensioner will automatically tighten to quickly protect the driver and passengers.



#### Caution

The pretensioner may not be activated in case of a slight frontal collision, side collision, rear collision, or overturn.



#### Warning

Users are not allowed to repair, adjust, remove and install the seat belt and retractor by themselves. If maintenance or replacement is required, please contact an authorized service station of Dongfeng Forthing.

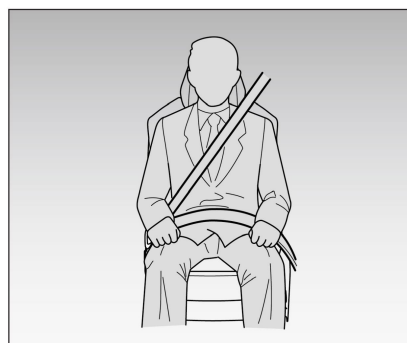
### Unfastened seat belt alarm

The vehicle is equipped with front seat belt warning. When the vehicle is powered up and not running, if it is detected that the front passenger does not fasten his/her seat belt, the front seat belt warning light on the combination instrument will illuminate; when it is detected that the front passenger does not fasten his/her seat belt during driving, the front seat belt warning light on the combination instrument will illuminate and the buzzer will keep alarming until the front passenger fastens his/her seat belt.

#### Precautions for using seat belt

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

#### Correct use of seat belt



1. Pull out the shoulder belt diagonally across the entire shoulder without contacting the neck or falling from the shoulder.

2. Wear the waist seat belt as low as possible across the hips.

3. Adjust the position of the seat backrest to make it in a relatively comfortable position.



## Caution

- Be sure to wear the seat belt correctly.
- Do not cross the seat belt across your lower abdomen. Otherwise, the seat belt will strongly press against your lower abdomen in case of an accident.
- Do not place the shoulder seat belt under your arm.
- Tighten the seat belt as much as possible. A loose seat belt will slide from a hard part of your body to a soft part (e.g., belly), increasing the risk of injury.



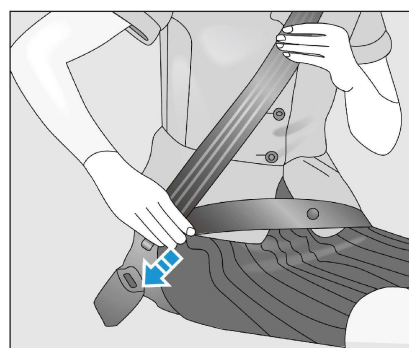
## Warning

- Incorrect wearing of seat belt may cause injury in case of accident or emergency braking or sudden driving.
- The shoulder belt must go over the middle of the shoulder without tightening the arm or neck.
- The waist belt must pass the front of the hip without tightening the abdomen. The seat belt must be flat and close to the hip. If necessary, slightly tighten the seat belt.
- Pregnant women should also, like other passengers, place the seat belt across the hip as low as possible, with the shoulder seat belt fully stretched obliquely along the shoulder, and avoid the seat belt touching the raised abdomen. If the seat belt is not fastened correctly, the pregnant woman and the 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 provide

effective protection only when the backrest angle is about 25°; otherwise, it may cause serious injuries or death in case of an accident.

- Do not adjust the seat belt height during driving.
- Do not pull the seat belt away from your body with your hands.
- Do not twist the seat belt when wearing it.
- Seat belts shall not be tied to hard or fragile objects, such as glasses, ballpoint pens or keys. Do not alter the direction of the seat belt by means of belt clamps, retaining rings or similar objects.

## Fastening and unfastening of seat belt



**Fastening:** Pull out the seat belt from the retractor, cross the seat belt across your chest and hips, and insert the latch into the buckle until you hear a "click", which indicates that the seat belt is locked.

**Unfastening:** Press the red release button at the buckle socket and pull out the latch.

## Force-limiting function of seat belt

Force limiting function of front seat belt. When the vehicle suffers from some serious frontal or side collisions, the force limit function will limit the force acting on the seat belt to a certain extent to relieve the impact on the chest of the occupant.

## Work related to seat belt

1. Regularly check the status of all seat belts.
2. Keep the seat belt clean.
3. Make sure that the seat belt, tongue



and buckle of the seat belt do not contact liquid or foreign matter.

### Airbag

#### Introduction to airbag

The Supplemental Restraint System (SRS) is an auxiliary restraint device of the seat belt. When the degree of front or side collision meets the deployment requirements of the airbag, the SRS will be inflated and deployed to reduce the impact injuries to the head and chest of the driver and passengers.

The airbag is only designed to provide extra protection. Airbags cannot replace seat belts. Seat belts must always be fastened.

#### Function and description of airbag

In case of a frontal or lateral collision accident, the airbag can restrain the passengers from moving towards the collision direction, so as to protect them.

Key factors affecting airbag deployment include the type of accident, collision angle, vehicle speed and characteristics of objects contacted by the vehicle. Therefore, the airbag may not be triggered in every collision accident.



#### Warning

- When the vehicle is running, all passengers must wear seat belts correctly and keep correct sitting posture.
- The airbag system can be triggered only once. Any airbag triggered in an accident must be replaced.
- Do not attempt to modify any component of the airbag system.
- The airbag can only provide auxiliary protection. Do not rely solely on the airbag for protection.

#### Precautions for use of airbag



1. There is an airbag warning sign on the right sun visor. Do not place a rear-facing child safety seat on the seat protected by the airbag (activated). Otherwise, the inflated frontal airbag will impact the child with great force and cause serious injury in case of a collision accident.

2. Do not place any object on the dashboard or attach to the steering wheel trim cover or other positions, as these objects may be ejected when the airbag is deployed, resulting in casualties of the driver and passengers.

3. Do not hang hangers or other hard objects on the clothes hooks. When the side curtain airbag deploys, these items may eject and cause casualties to passengers.

4. Do not carry objects on the front passenger's seat. In case of sudden braking or emergency driving, these objects may enter the expansion range of the airbag and be thrown away when the airbag is triggered, bringing life risk.

5. Do not hold objects in your hands or children and pets in your arms while the vehicle is running. Otherwise, the risk of injury will increase when the airbags are triggered.

6. The temperature is very high after the airbag is deployed. Do not touch any relevant components immediately.

7. When the airbag deploys, it will be accompanied by a loud noise, which may temporarily affect hearing.

8. If you feel breathless after the airbag has deployed, please open the door or window for ventilation or leave the vehicle

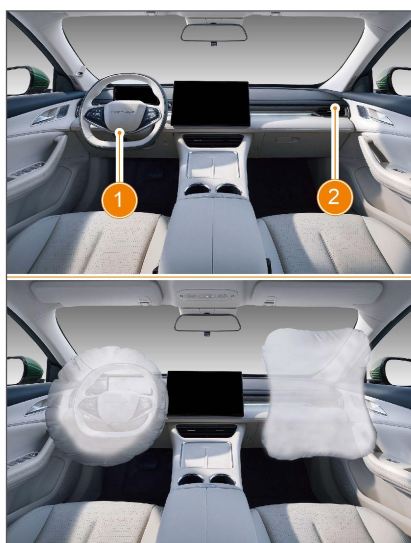
under the condition of ensuring safety, and flush the residue on the body as soon as possible to avoid skin irritation.

9. Do not use detergent containing solvent to clean the surfaces of the instrument panel and airbag module. Otherwise, the surface of airbag module will be changed, resulting in increased risk of personal injury due to falling plastic parts when the airbag is triggered.

10. If the part where the airbag is located is damaged or broken, please contact an authorized service station of Dongfeng Forthing for replacement.

### Position and deployment of airbag

#### Front airbag

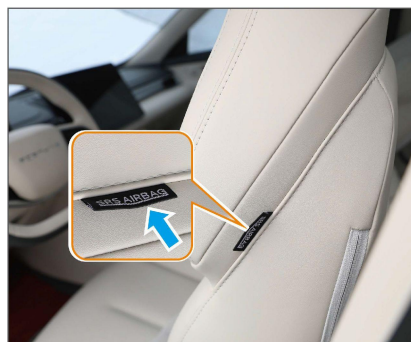


1. Driver seat airbag

2. Front passenger airbag

The front airbag helps to protect the head and chest of the driver and front passenger from the impact of interior components.

#### Front side airbags



The front side airbags are installed in the backrests of both the driver seat and the front passenger seat; the backrests are marked with the sign "SRS AIRBAG". In case of medium to heavy lateral collisions, the front side airbags will function simultaneously through inflation and seat belts to reduce the severity of personal injuries.

#### Side curtain airbag\*



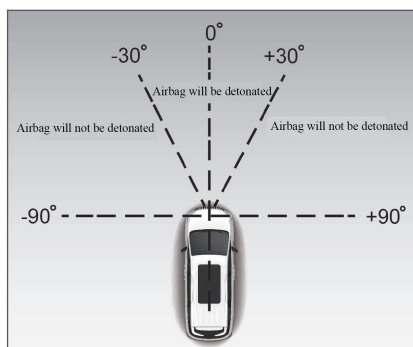
The side curtain airbags are mounted above the vehicle doors on the left and the right sides, where the signs of "SRS AIRBAG" are marked. In case of medium to heavy side collisions, the side curtain airbag will deploy to protect the heads of the driver, front passenger, middle row and rear outer passengers from hitting the inner wall of the vehicle.

#### Warning

As the front side airbags and side curtain airbags have considerable speed and force when deployed, do not place your head close to the deployment area of the side airbags and side curtain airbags when the vehicle is running; otherwise, you may be injured.

#### Deployment condition of front airbag

The front airbags are deployed when the vehicle collides with a solid wall at a speed of 25 km/h or more.



The front airbag deploys in case of a severe impact within the included angle of  $\pm 30^\circ$  from the front of the vehicle.

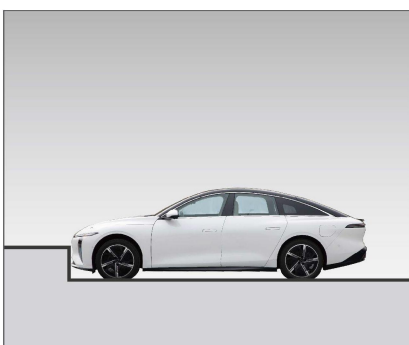
### Deployment conditions of front side airbag and side curtain airbag

When the vehicle has a moderate to severe side collision and reaches the designed action value, the front side airbags and side curtain airbags can be deployed.

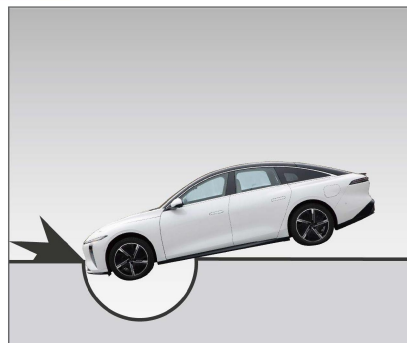
### Conditions under which front airbags may not deploy



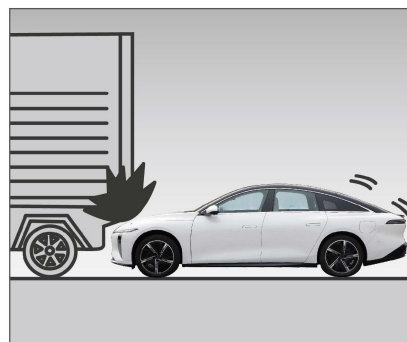
The vehicle fails to start or collides with easily deformable objects such as trees and telegraph poles.



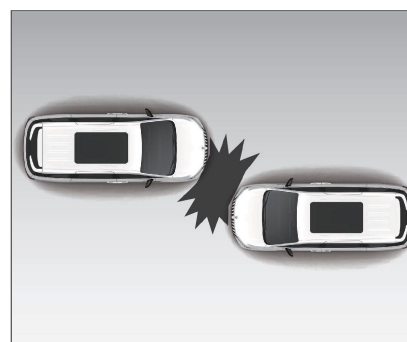
The vehicle collides violently with low objects such as steps during driving.



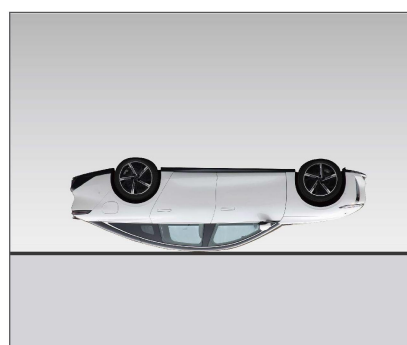
When the vehicle suddenly falls into a deep pit or ditch.



When the vehicle collides with the rear of a truck.



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



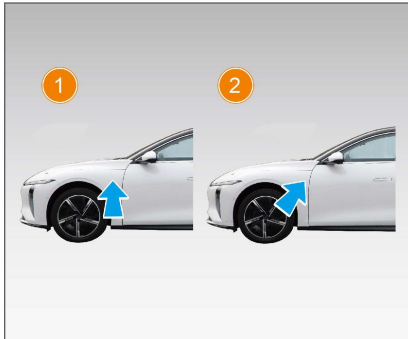
Rollover.

Side collision, rear collision, slight frontal collision.

The airbag system is faulty.

Other special circumstances.

Types of collision without deployment of front side airbags and side curtain airbags \*



1. The side collision of the body (not the passenger compartment)

2. Side collision at a certain angle to the vehicle body

The front side airbag and side curtain airbag may not be deployed if the side collision of the vehicle at a certain angle to the vehicle body, or the side collision of vehicle body is not the passenger compartment.




1. Rear collision




2. Tip-over

The front side airbag and side curtain airbag may not be deployed in case of rear collision, rollover, low-speed side collision and low-speed frontal collision.

### Airbag indicator

Before driving and after the vehicle is powered on, the SRS will conduct self-inspection. At this moment, the airbag MIL will illuminate and  then go out a few seconds later.

In case of the following situations, please contact an authorized service station of Dongfeng Forthing:

1. After the vehicle is powered on, the airbag indicator  does not illuminate.
2. After the vehicle is started, the airbag indicator  remains on.
3. The airbag indicator illuminates  or flashes when the vehicle is running.

### Event Data Recorder (EDR)

The vehicle is equipped with an event data recorder (EDR), and the recorded data can be used for collision accident analysis. See the following table for specific parameters:

S/N	Parameter name	Meaning	Unit
1	Longitudinal delta-V	Change in longitudinal speed of the vehicle.	km/ h
2	Maximum recorded longitudinal delta-V	Maximum cumulative change in longitudinal vehicle speed.	km/ h
3	Maximum recorded longitudinal delta-V time	The time when the maximum cumulative change in longitudinal vehicle speed is reached.	ms
4	Clipping sign	It indicates the time point when the EDR acquisition acceleration (horizontal and longitudinal) reaches the sensor range for the first time.	ms
5	Vehicle speed	Wheel-hub linear speed.	km/ h
6	Service brake, on or off	Used to detect whether the driver depresses the brake pedal.	/
7	Driver's seat belt status	Driver's seat belt buckled or unbuckled.	/
8	Accelerator pedal position, percentage of fully open position	The percentage of the actual accelerator pedal position to the fully depressed position by the driver.	/
9	Power-on cycle during event	Number of power cycles of the ECU for recording EDR data from the first service time of the ECU to the event occurrence time.	Cycle
10	Power on cycle when reading	Number of power cycles of the ECU for recording EDR data from the first service time of the ECU to the data reading time.	Cycle
11	Complete status of event data record	Whether the event is completely recorded.	/
12	Time interval between current event and previous event	Time interval between two events.	s
13	Vehicle identification number	Vehicle VIN.	/



	(VIN)		
14	ECU hardware No. for recording EDR data	Hardware number of the EDR device.	/
15	Serial number of ECU for recording EDR data	Product serial number of the EDR device.	/
16	ECU software No. for recording EDR data	Software number of the EDR device.	/
17	Longitudinal acceleration	Component of vector acceleration at a point on the vehicle in the X-axis direction.	g
18	Lateral acceleration	Component of vector acceleration at a point on the vehicle in Y-axis direction.	g
19	Lateral delta-V	Change in lateral speed of the vehicle. Lateral delta-V is only the component of total delta-V in the Y-axis direction.	km/ h
20	Maximum record of lateral delta-V	Maximum value of cumulative change in the vehicle speed along Y-axis direction recorded by EDR.	km/ h
21	Square of maximum recorded resultant delta-V	The maximum value of the sum of squares of longitudinal delta-V and lateral delta-V recorded by EDR.	km/ h* km/ h
22	Time elapsed for reaching maximum record of lateral delta-V	EDR records the time taken for the cumulative change of vehicle speed in Y-axis direction to reach the maximum value.	ms
23	Time for reaching square of maximum recorded resultant delta-V	The time taken for the sum of the squares of the longitudinal delta-V and the transverse delta-V recorded by the EDR to reach the maximum value.	ms
24	Yaw rate	The change of vehicle angle relative to Z-axis before and during the event, which is applicable to vehicles with electronic stability control system.	Degree/s
25	Steering angle	The angular coordinates of the steering wheel are applicable to vehicles equipped with steering angle sensors.	Degree (°)
26	Tend	It is the end point of the impact event. If the condition is not met until the end of the recording period, Tend can be defined as the time of the last recorded data point.	ms
27	Year	The year when the event occurs.	/
28	Month	The month when the event occurs.	/
29	Day	The date when the event occurs.	/

30	Hour	Time of event.	/
31	Minute	Time of event.	/
32	Second	Time of event.	/
33	Gear	It is the actual gear, which is applicable to the vehicle with this signal transmitted through the Bus.	/
34	Brake pedal position	Actual position of brake pedal, applicable to vehicles with brake pedal position sensor.	%
35	Parking system status	It is used to detect whether the parking brake is activated. It is applicable to vehicles with their parking system states transmitted through the bus.	/
36	Turn signal switch status	State indicating the turning or lane changing intent of a vehicle, which is applicable to vehicles with a bus transmitting the turning signal.	/
37	Deployment time of driver's seat belt pretensioner	The time from the start of the event to the ignition command of the driver's seat belt pretensioner.	ms
38	Deployment time of driver's frontal airbag (first stage)	The time from the start of the event to the first stage of the driver frontal airbag issuing the ignition command.	ms
39	Deployment time of driver's frontal airbag (second stage)	The time from the start of the event to the second stage of the driver frontal airbag issuing the ignition command.	ms
40	Deployment time of driver's side airbag	The time from the start of the event to the ignition command from the driver side airbag.	ms
41	Deployment time of driver's side curtain airbag	The time from the start of the event to the ignition command from the driver side curtain airbag device.	ms
42	Front passenger's seat belt status	Front passenger's seat belt buckled status, which is applicable to vehicles equipped with seat belt reminder.	/
43	Deployment time of front passenger's seat belt pretensioner	The time from the start of the event to the ignition command from the front passenger seat belt pretensioner.	ms
44	Suppression status of front passenger's frontal airbag	It is the suppression state displayed by the front passenger front airbag, and the state is applicable to vehicles with a front airbag suppression switch.	/
45	Front passenger's front airbag	The time from the start of the event to the first	ms

	deployment time (first stage)	stage of the ignition command of the front passenger frontal airbag.	
46	Front passenger's front airbag deployment time (second stage)	The time from the start of the event to the second stage of the ignition command of the front passenger frontal airbag.	ms
47	Deployment time of front passenger's side airbag	The time from the start of the event to the ignition command from the front passenger side airbag.	ms
48	Deployment time of front passenger's side curtain airbag	The time from the start of the event to the ignition command from the front passenger side curtain airbag device.	ms
49	Passenger protection system alarm state	Fault status of passenger protection system, which is applicable to vehicles with a bus transmitting passenger protection system alarm state.	/
50	Alarm status of tire pressure monitoring system	Alarm status when the on-board tire pressure monitoring system monitors low pressure of one or more tires, which is applicable to vehicles with a bus transmitting this alarm status.	/
51	Brake system alarm status	Fault status of brake system, which is applicable to vehicles with a bus transmitting this alarm status.	/
52	Cruise control system status	Operating status of cruise control system.	/
53	Adaptive cruise control status	Operating status of adaptive cruise control.	/
54	ABS status	The operating status of anti-lock brake system, which is applicable to vehicles with a bus transmitting the anti-lock brake system status.	/
55	Automatic emergency braking system state	Operating state of automatic emergency braking system.	/
56	Electronic stability control system status	Operating status of electronic stability control system.	/
57	Traction control system status	Operating status of traction control system.	/
58	Pre-event synchronous timing period	The relative time from the last data sampling point before T0 to T0, which is applicable to vehicles with pre-event synchronization timing function. It is used for time alignment of different data.	ms



The EDR system is integrated in the airbag controller, and the recorded data can be extracted through the special diagnostic equipment of the authorized service station of Dongfeng Forthing.

The vehicle speed recorded by the EDR system comes from the wheel linear speed of the anti-lock brake system (ABS) equipped on this vehicle.

The data recorded by the EDR system is divided into unlocked event data and locked event data. Among them, the former refers to the data recorded when the EDR recording conditions are met but the airbag system deployment conditions are not met. The latter is the data recorded when the airbag system deployment conditions are met. The unlocked event data overwrites the previous unlocked event data in chronological order; the locked event data cannot be overwritten by the data of subsequent events, and a total of three event data can be recorded.

### Children Protection Measures

#### Safety instructions for children

When a child is in the vehicle, please be sure to read this chapter.

Children should use appropriate protective devices.

If a child is too young to wear the seat belt, he/she shall be placed in a rear approved child restraint system.

Older children must wear a three-point seat belt for protection, and if necessary, an auxiliary cushion shall be installed.

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

#### Warning

- Do not leave a child alone in the vehicle, which may cause injuries or deaths of children in an airtight vehicle due to excessively high temperature.

- Do not allow any child to kneel on the seat or stand in the vehicle when the vehicle is running.
- Do not allow children to carry or use the intelligent key.
- Children may start the vehicle or put the shift lever to gear N. A child may also hurt himself/herself when playing with windows or other vehicle equipment.
- 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 an infant under one year old is very fragile. If you ride facing forward, it is easy to cause neck injury in case of a frontal collision. Therefore, it is recommended to use a rear-facing child restraint system.

#### Protective measures for young children



According to the weight and height requirements specified by the manufacturer of child restraint system, children over one year old should use forward-facing child restraint system when riding.

#### Protective measures for older children



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

CRS (Child restraint system) (provided by

the user)

CRS needs to be provided by the user. Please use a CRS that complies with the GB27887-2011 standard.

#### Applicability of child seat

In addition to the three-point seat belt system for child protection, the rear seats in this vehicle also provide two CRS with standard "ISOFIX" interfaces. You can choose the appropriate child restraint system as needed.

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

Mass group	Seating position			
	Front passenger	Rear-row left	Rear-row right	Rear-row 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 (22KG ~ 36KG)	X	U	U	X

The meanings of the keywords in the above table are as follows:

U: Applicable to universal child restraint system certified by the mass group.

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

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

Mass group	Size category	Fixing module	ISOFIX Position in vehicle			
			Front passenger	Rear-row left	Rear-row right	Rear-row middle
Carrycot	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 13KG)	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
Group II (15KG ~ 25KG)		(I)	X	IL	IL	X
Group III (22KG ~ 36KG)		(I)	X	IL	IL	X

The meanings of the keywords in the above table are as follows:

IUF: Applicable to universal ISOFIX forward-facing child restraint system certified by the mass group.

IL: Applicable to special ISOFIX child restraint system. These restraint systems may be special vehicle, restricted or semi-universal.

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

A—ISO/F3: Full-height forward-facing toddler CRS.

B—ISO/F2: Reduced-height forward-facing toddler CRS.

B1—ISO/F2X: Reduced-height forward-facing toddler CRS.

C—ISO/R3: Full-height rearward-facing toddler CRS.

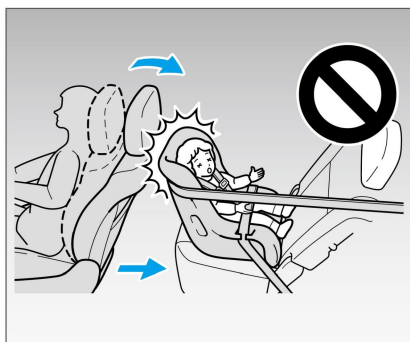
D—ISO/R2: Reduced-height rearward-facing toddler CRS.

E—ISO/R1: Rear-facing CRS for infants.

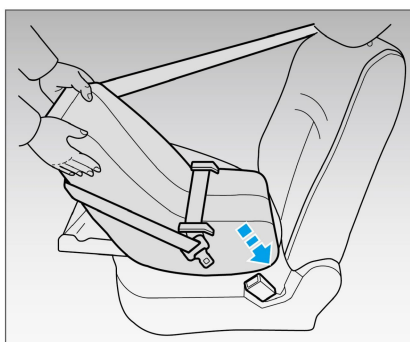
F—ISO/L1: Left-side facing child restraint system (carrycot).

G—ISO/L2: Right-side facing child restraint system (carrycot).

## Installation of rear-facing child restraint system



If the rear-facing child restraint system is obstructed by the driver's seat and thus cannot be installed correctly, the rear-facing child restraint system 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 restraint system, and then insert the tongue into the buckle to ensure that the seat belt is not twisted and remains tight. Make sure that the tongue and buckle are firmly locked, and shake left and right to ensure that the child restraint system is firmly fixed.

## Installation of forward-facing child restraint system



According to the instructions provided by the manufacturer, pass the seat belt

through the forward-facing child restraint system and insert the latch into the buckle, ensuring the seat belt is not twisted and remains tight. Confirm that the tongue and buckle are firmly locked, press the child restraint system against the seat cushion and seat backrest to fully retract the seat belt, so that the child restraint system is firmly fixed, and shake it left and right to ensure that the child restraint system is firmly fixed.

## Installation of auxiliary seat cushion



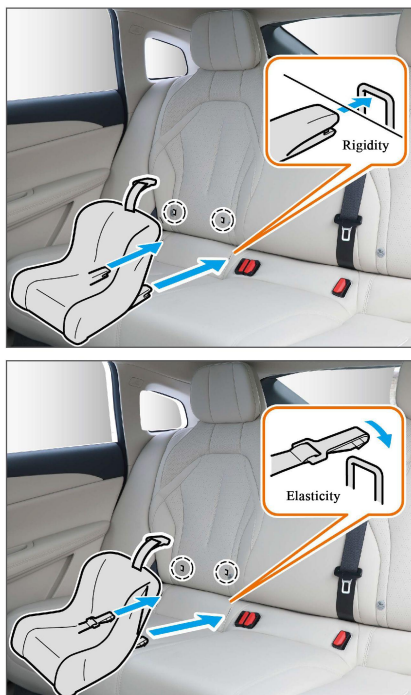
Place the auxiliary cushion on the seat and let the child sit on the auxiliary cushion. According to the instructions provided by the manufacturer, correctly cross the seat belt over the child's shoulder, lower the lap belt as low as possible to the child's hip position, and then insert the latch plate into the buckle to ensure that the seat belt is not twisted and kept tight.

## Installation of ISOFIX interface

Child restraint system complying with standard ISO specifications can be fixed by ISOFIX interfaces. Please follow the operating instructions and safety tips of the child restraint system manufacturer during installation and use, otherwise the protective effect may be compromised.



1. Find the ISOFIX interface position in the opening on the rear seat cushion.



2. Align the ISOFIX interface of the child restraint system with the corresponding ISOFIX interface at the bottom of the seat cushion, inserting the rigid interface and buckling the elastic interface.



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

### Warning

- The inflating front airbags will generate huge impact force, which may cause serious injury or death if the child hits them. Therefore, please select, install and use child restraint

system correctly and ride the vehicle safely according to relevant requirements. In any case, observe the laws and regulations of the country where you drive.

- Do not hold a baby in your arms and share the same seat belt. Otherwise, it is easy to cause death of the baby in case of an accident.
- Please install the appropriate child safety device on the rear seat according to the instructions provided by the manufacturer. Improperly installed child safety seat may cause injury.
- When the vehicle is running, all passengers, especially children, must always keep the correct sitting posture and fasten seat belts.
- Do not allow two children to share a child seat.
- Make sure that there are no hard or sharp objects such as toys on the child seat.
- Have an older child sit in the rear seat as much as possible and wear the seat belt. If necessary, add an auxiliary seat cushion.
- If no child restraint system is installed, children below 1.5m shall not use conventional seat belts. Otherwise, the abdomen and neck of children may be injured in case of emergency braking or accidents.
- Do not twist the seat belt, or make it get stuck somewhere or rub against sharp edges.

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## Warning light and indicator

Warning light and indicator remind the driver of the status of various systems in the vehicle.



### Warning light

The warning light prompts the driver that some systems of the vehicle may be faulty.

#### Tire pressure monitoring system (TPMS) fault warning light (yellow)



This light will illuminate when the tire pressure and temperature are abnormal or the tire pressure monitoring system (TPMS) fails.

1. For vehicles equipped with direct TPMS, if this indicator illuminates because the tire pressure is too high or too low, please adjust the tire pressure to the standard tire pressure in time. If this indicator is still on after adjustment, please contact an authorized service station of Dongfeng Forthing in time.
2. For vehicles equipped with direct TPMS, if this indicator illuminates because the TPMS is not matched or the sensor is activated, please contact the authorized service station of Dongfeng Forthing in time.
3. For vehicles equipped with indirect TPMS, if this indicator illuminates because of low tire pressure or system failure, please adjust the tire pressure to the standard one in time. If this indicator is still on after adjustment, please contact the authorized service station of Dongfeng Forthing in time.

#### EPB system fault warning light (yellow)



This light will illuminate when parking system is faulty. This indicator flashes when the EPB system signal is lost. please contact the authorized service station of Dongfeng Forthing in time.

#### Battery charging fault warning light (red)



This indicator will illuminate when the battery is charging abnormally.

At this time, please turn off all unnecessary electrical equipment and contact the authorized service station of Dongfeng Forthing in time.

#### Power steering system fault warning light (yellow)



When there is a minor fault in the EPS system, this indicator will illuminate; when there is a serious fault in the EPS system, this indicator will turn red. If this indicator illuminates when the vehicle is running, please reduce the speed in time and park the vehicle safely on the roadside. Turn off the power supply for a period of time and restart the vehicle. If this indicator no longer illuminates, the vehicle can run normally. If this indicator still illuminates continuously, please contact the authorized service station of Dongfeng Forthing as soon as possible.

#### ABS system fault warning light (yellow)



If this light illuminates during driving,

indicating that the anti-lock brake system (ABS) is faulty. At this time, although the vehicle can still be braked normally, the anti-lock brake function is not available. Please drive carefully and contact the authorized service station of Dongfeng Forthing as soon as possible.

#### Brake system fault warning light (red)



This light will illuminate when the brake fluid level drops to a low level. If this indicator illuminates when the vehicle is running, the brake system may be faulty. Please drive the vehicle away from the road carefully and stop the vehicle safely, and contact the authorized service station of Dongfeng Forthing in time.

#### Airbag system fault warning light (red)



If this light continues to illuminate during driving, indicating that the SRS is faulty. Please contact an authorized service station of Dongfeng Forthing.

#### Front seat belt warning light (red)



After the vehicle is powered on, if the driver or front passenger does not fasten his/her seat belt, this indicator will illuminate and an alarm will sound. When all the driver or front passengers fasten their seat belts, this indicator will go out and the alarm will be cleared.

#### Forward collision assist system fault warning light (yellow)\*



When the forward collision assist system fails, this indicator will be normally on.

#### Main warning light



When this warning light illuminates, it indicates that some functions of the vehicle are abnormal. If the alarm cannot be cleared after handling, please contact an authorized service station of Dongfeng Forthing.

#### Powertrain fault warning light



When the vehicle power system fails, this indicator will illuminate and the text alarm on the combination instrument will prompt the cause of the fault. If the fault cannot be eliminated, please contact the authorized service station of Dongfeng Forthing in time.

#### Intelligent high beam fault indicator (yellow)\*



When the intelligent high beam control function fails, this indicator will illuminate.

#### ADAS malfunction indicator\*



This indicator will illuminate when the ADAS has a fault alarm.

#### Indicator

The indicator is used to inform the driver of the activation status of various systems of the vehicle.

#### System READY indicator (green)



This indicator illuminates when the brake pedal is depressed after the vehicle is powered on.

#### SPORT mode indicator (orange)



This indicator will illuminate when the vehicle is in SPORT mode (SPORT).

#### Sports+ mode indicator (red)



This indicator will illuminate when the vehicle is in Sport+ mode (SPORT+).

#### ECO mode indicator (green)



The indicator will illuminate when the vehicle is in economy mode (ECO).

#### Standard mode indicator (blue)



The indicator will illuminate when the vehicle is in NORMAL mode (NORMAL).

#### Parking status indicator (red)



After the vehicle is parked stably,

press the P button to turn on this indicator. If the indicator does not illuminate or flashes continuously after parking, it indicates that there may be a fault in the parking brake or there is a risk of parking. Please contact an authorized service station of Dongfeng Forthing.

#### AUTO HOLD on indicator (gray)



This indicator illuminates when the automatic parking function is enabled but not activated.

#### AUTO HOLD activation indicator (green)



When the automatic parking function is activated, this indicator will always be on.

#### Hill descent control (HDC) system activation indicator (green)



When the hill descent control function is enabled but not activated, this indicator stays on. This indicator flashes when the HDC system works.

#### Adaptive cruise control ON indicator (gray)\*



This indicator illuminates when the adaptive cruise control is enabled but not activated.

#### Adaptive cruise control activation indicator (blue)\*



This indicator illuminates when adaptive cruise control is activated. When the cruise speed is set, the speed in the indicator changes with the setting. After the setting is completed, it will be displayed as per the last set speed.

#### Advanced cruise control function ON indicator (gray)\*



When the advanced cruise control function is enabled but not activated, this indicator will illuminate.

#### Advanced cruise control function activation indicator (blue)\*



After the advanced cruise control function is activated, this indicator will illuminate.

#### Turn and hazard signal indicator (green)



The corresponding light illuminates or goes out when operating the turn signal. This indicator and the left and right turn signals will flash at the same time when the hazard warning switch is pressed. If the light does not flash or flashes quickly at this time, it indicates that the turn signal bulb may be faulty. Please contact an authorized service station of Dongfeng Forthing for inspection or replacement.

#### Position light indicator (green)



This indicator illuminates when the position light is turned on.

#### Low beam indicator (green)



This indicator illuminates when the low beam is turned on.

#### High beam indicator (blue)



This indicator illuminates when the high beam indicator is turned on.

#### Rear fog light indicator (yellow)



This indicator illuminates when the rear fog light is turned on.

#### Electronic stability program (ESP) activation/malfunction indicator (yellow)



This indicator flashes when the ESP system is working. If this indicator continues to illuminate during driving, indicating that the ESP system may be faulty. Please contact an authorized service station of Dongfeng Forthing in time.

#### Electronic stability program (ESP) OFF indicator (yellow)



This indicator will illuminate when the ESP system is turned off.

Forward collision assist system OFF indicator (yellow)\*



This indicator illuminates when the forward collision warning system switch is turned off.

Intelligent high beam ON indicator (gray)\*



When the intelligent high beam function is enabled but not activated, this indicator will illuminate.

Intelligent high beam activation indicator (blue)\*



This indicator will illuminate when the intelligent high beam function is activated.

Charging connection indicator (red)



This indicator will illuminate when the charging plug is inserted. If the charging plug is connected abnormally, the combination instrument will display a text alarm and this indicator will illuminate. This indicator flashes during charging and discharging.

Limp mode indicator (yellow)



When the vehicle enters the limp (limited power) mode, this light will illuminate. At this time, drive carefully, slow down or stop the vehicle for inspection, and continue driving only after the fault is cleared.

Traction battery low indicator (yellow)



This indicator illuminates when the traction battery SOC is low.

TSR indicator\*



It indicates the currently identified traffic sign.

## Overview of combination instrument

The combination instrument display may vary due to different vehicle configurations and function settings. The pictures are for reference only, and the actual vehicle state shall prevail.



### 1. Left information display area

(1) Real-time driving status: Display the current vehicle speed, current gear and power meter.

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

### 2. Right information display area

Display the current vehicle state, direct TPMS tire pressure information and vehicle information.

### 3. Total mileage

Indicate the total mileage of the vehicle, ranging from 0 to 999999 km. If it exceeds this value, the total mileage will not be calculated any more.

### 4. Driving modes

Display the current driving mode of the vehicle. Including standard mode, ECO mode, sport mode and sport+ mode. After switching the driving mode on the multimedia display screen, the combination instrument will switch synchronously. See the relevant instructions of "Driving Mode Switching" in Chapter VIII "Comfortable Driving".

### 5. Text alarm display area/driver assistance display area\*

(1) Display text prompt.

(2) Display the vehicle model, lane line, and other Driver assistance related

information. See relevant instructions in Chapter VIII "Comfortable Driving" for details.

### 6. Endurance mileage

It shows the endurance mileage under relevant endurance standard (CLTC/WLTC, etc.) conditions. After the endurance standard is switched on the energy center interface of the multimedia display screen, the combination instrument interface will update the endurance standard synchronously.

### 7. SOC indicator

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

## Combination instrument control



1. Combination instrument switching button

The tire pressure information and



vehicle information of the direct TPMS can be switched circularly by short pressing the combination instrument switchover button, and the tire pressure of the indirect TPMS can be reset by long pressing for more than 10s.

## 2. Up and down selection /OK button

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

(2) Short press the OK button to confirm or close the currently displayed text prompt interface.

## Left information display area

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

### Real-time driving status



### 1. Speedometer

Indicates the current vehicle speed.

### 2. Current gear

According to the gear currently selected by the driver, it is displayed as R, N and D. When the vehicle is in P position, the gear will be displayed on the speedometer.

### 3. Power meter

Display the current output power and recovery power of the drive motor.

If the power value is positive, it indicates that the drive motor is consuming electric energy to output power; if the power value is negative, it indicates that the drive motor is recovering energy.

### Charging and discharging status



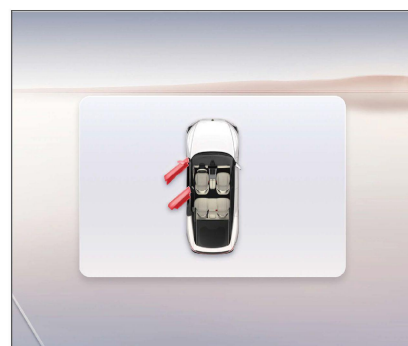
### 1. Current SOC

### 2. Current driving mileage

## Right information display area

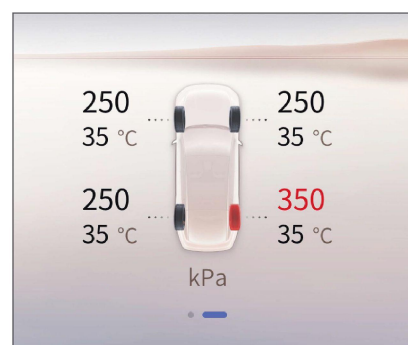
On this interface, you can check the vehicle state and switch between the direct TPMS tire pressure information and the vehicle information by pressing the combination instrument button on the steering wheel.

### Vehicle state



This interface displays the service status of doors (including trunk lid), engine hood and seat belts.

### Direct TPMS tire pressure information



When the tire pressure value is abnormal, the display interface will give a corresponding reminder.



Caution



- As long as the tire pressure sensor is not replaced or damaged due to tire repair, tire removal and other reasons, it is not necessary to re-match the tire pressure sensor. However, if the tire position is changed or the tire pressure sensor in the tire is replaced, it is necessary to re-match the tire pressure. Please contact an authorized service station of Dongfeng Forthing.
- Please keep the tire pressure near the standard pressure value. When the tire pressure is displayed as "--" and the designated tire position is on, it indicates that the TPMS has lost the sensor at this position. Please contact an authorized service station of Dongfeng Forthing in time.

to reset the trip mileage. It can also be reset without logging in to the personal account.

### Vehicle information



#### 1. Average energy consumption



It indicates the average energy consumption of current vehicle subtotal mileage, ranging from 0 to 30 kWh/100km.

#### 2. Instantaneous energy consumption

It indicates the current instantaneous energy consumption of the vehicle, ranging from -20 to 60 kWh/100km.

#### 3. Subtotal mileage

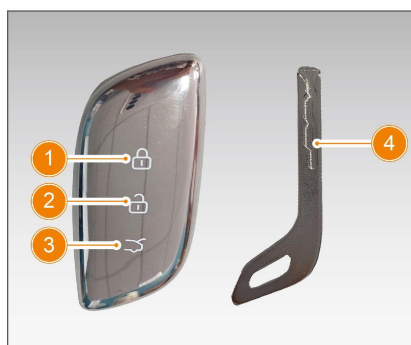
It indicates the subtotal mileage of the vehicle, ranging from 0 to 9999.9km, which will be reset automatically if it exceeds the range.

Tap  [App Center] - [Personal Center] on the navigation bar on the homepage of the multimedia display screen or tap  [Personal Center] on the homepage of the multimedia display screen

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## Key information

### Intelligent key



1. Lock button
2. Unlock button
3. Trunk lid unlock button
4. Mechanical key

### Replace the intelligent key battery

If the intelligent key battery is low, the remote control distance may become shorter or the vehicle cannot be remotely controlled, or even the vehicle may fail to recognize the intelligent key. In this case, the battery in the intelligent key needs to be replaced.

### Bluetooth key\*

"Bluetooth key" is a function to control the vehicle by using mobile phone Bluetooth when it is close to the vehicle. For specific operations and functions, please refer to the relevant instructions of "Bluetooth key" in Chapter VI "IVI system".

### Immobilizer system

The vehicle cannot be unlocked if an incorrectly coded key is used. When the door handle is pulled or other actions are taken to trigger the anti-theft function, the vehicle horn will give an alarm, indicating that the anti-theft function is enabled. When the locking system cannot identify the key code, please contact an authorized service station of Dongfeng Forthing.

## Opening, closing and locking of door

Unlock and lock door from the outside

Keyless entry (inductive)



Tap [Vehicle Control] - [Body and Chassis] - [Door] - [Automatic Locking/Unlocking] on the navigation bar on the homepage of multimedia display screen in turn to enable or disable automatic locking/unlocking.



### Unlocking

When the automatic unlocking/locking function is activated, carry the intelligent key and get close to the vehicle for about 2 m or get close to the vehicle for about 3 m with the Bluetooth key. When sensing that the key is approaching, the concealed door handle will automatically pop up and all doors will be unlocked.

### Locking

When the automatic unlocking/locking function is activated, all doors (including the trunk lid) are closed; there is no person on the driver's seat or no heavy object placed on it; there is no valid key in the vehicle. If you take the intelligent key and leave the vehicle for about 3 m or the Bluetooth key for about 4 ~ 10 m, when sensing that the key is moved away, the concealed door handle will automatically retract and all doors will be locked.



**Caution**

- When the trunk lid is not fully closed, it cannot be automatically locked when leaving the vehicle.
- After the vehicle is locked with intelligent key or mobile phone APP, passengers in the vehicle can still open the door to get off through the inner handle of the door, 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 intelligent key separately, so as not to interfere with the signal of intelligent key, resulting in abnormal conditions.
- The automatic locking/unlocking function cannot work normally under all conditions. For example, the intelligent key signal may be interfered near a charging pile. Please confirm that the vehicle is locked before leaving the vehicle.

#### Unlocking and locking with intelligent key



#### Unlocking

Short press the unlock button on the intelligent key, and the four vehicle doors will be unlocked. The concealed exterior door handle will pop up, and the turn signal will flash twice; long press the unlock button on the intelligent key, and the glass of the four vehicle doors will open.

#### Locking

Short press the lock button on the intelligent key to lock the four vehicle doors. If the "Vehicle Locking Feedback" on the multimedia display screen is set as [Lights and Horn], the turn signals will flash once

and the horn will sound once during vehicle locking; meanwhile, the audio-visual entertainment system will be turned off and the four door glasses will be closed.

#### Unlocking and locking with mechanical key

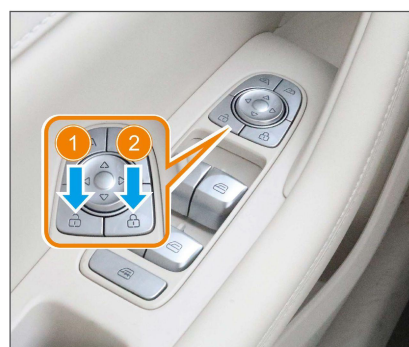
1. Take out the mechanical key.
2. After the door is closed, press the front end of the driver's door handle and pull the rear end to the maximum opening.



3. Insert the mechanical key into the lock cylinder hole, and turn the key clockwise to unlock the door; turn the key counterclockwise to lock the door.

#### Internal door unlocking and locking

#### Central door lock unlocking and locking



1. Unlock button
2. Lock button

With all doors (including the trunk lid) locked, press the lock button to lock all doors.

With all doors (including the trunk lid) locked, press the unlock key to unlock all doors.

#### Unlocking and locking of front passenger door and rear door



If the vehicle is powered off, press the inner white switch of the door lock to close the door, and then the door can be locked. Pull the inner door handle from the inside of the vehicle twice to unlock the door.

### Open the door with interior door handle



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

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



### Caution

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

### Rear door child safety lock



1. Unlocking

2. Locking

After the rear door child safety lock is

set, children cannot open the rear door from inside, which helps to prevent children from accidentally opening the rear door.

### Automatically locking of door

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

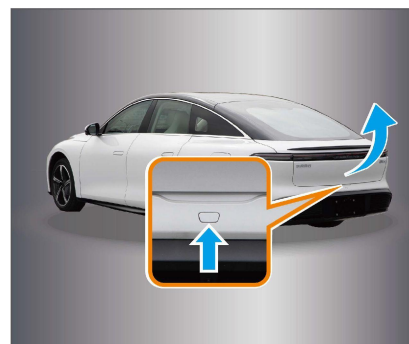
### Forced unlocking on collision

When the car doors are locked and the vehicle is powered on, if the vehicle is subjected to a strong impact, all doors will automatically unlock. Depending on the intensity of the impact or the type of accident, the system may not function.

### Open and close the trunk lid

#### Open the trunk lid from the outside

#### Keyless opening of trunk lid



#### Normal trunk lid

Carry the intelligent key to the side of the trunk lid, press the microswitch and manually open the trunk lid.

#### Power trunk lid\*

Carry the intelligent key to the side of the trunk lid and press the microswitch to automatically open the trunk lid.

#### Opening trunk lid with intelligent key





### Normal trunk lid

When the trunk lid is closed, press and hold the trunk lid unlock button on the intelligent key to unlock the trunk lid, and then manually open the trunk lid.

### Power trunk lid\*

When the trunk lid is closed, press and hold the trunk lid unlock button on the intelligent key, and the trunk lid will open automatically.

Close the trunk lid from the outside

Keyless closing of trunk lid

### Normal trunk lid



Push down the back door to close it.

### Power trunk lid\*



Press the trunk lid shield switch to automatically close the trunk lid. When the trunk lid is moving, press this switch again to stop the movement of the trunk lid.

Closing trunk lid with intelligent key\*

In addition, the trunk lid can be closed automatically by pressing and holding the trunk lid unlock button on the intelligent key.

Open and close trunk lid from inside the vehicle



Tap the trunk lid control button on the homepage of the multimedia display screen to open or close the trunk lid from inside the vehicle.

Interior emergency opening of trunk lid



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

Set trunk lid opening height\*



Set the opening height of trunk lid

The opening height of the trunk lid can be set through the trunk lid shield switch:



## Basic Function Operation

1. Manually open the trunk lid to the required height.

2. Press and hold the trunk lid shield switch until a sound signal is heard, indicating that the opening height is set successfully.

3. Close the trunk lid and reopen it to the set height.

### Restore the maximum opening height

1. Manually open the trunk lid to the highest position.

2. Press and hold the trunk lid shield switch until a sound signal is heard, indicating that the maximum opening height is restored successfully.


3. Close the trunk lid and reopen it to the maximum height.

#### Warning

- Do not open or close the power trunk lid manually unless necessary.
- When the power trunk lid needs to be operated manually in case of power failure or fault, it should be opened or closed at a constant speed for not less than 2s; otherwise, the power stay bar or controller may be damaged.

### Set the opening angle of trunk lid through the IVI system



1. Tap  [Vehicle Control], [-Body and Chassis], [-Door], [-Liftgate Angle Adjustment] on the navigation bar on the homepage of a multimedia display screen in turn to select low, medium or high.

2. According to the actual needs, after tapping the required opening height value of the trunk lid on the setting page, the

system will provide an audible prompt, indicating that the setting is successful.

#### Caution

The opening height of the trunk lid in the IVI system is for reference only. Please set the specific height according to the actual operation.

### Anti-pinch protection

When the trunk lid opens automatically, if an obstacle is detected, the trunk lid will stop opening; when the trunk lid closes automatically, if an obstacle is detected, the trunk lid will stop closing and return to the preset maximum opening height.

#### Warning

Make sure that there is no one nearby when opening or closing the trunk lid automatically. When operating the trunk lid, do not interfere with its movement in any form unless necessary.

## Seat adjustment

### Front seat

#### Manual adjustment of driver's seat



1. Seat forward-backward adjustment pull rod

Lift the pull rod to adjust the seat to move forward and backward. After adjusting to the appropriate position, release the pull rod and make sure that the seat does not move forward or backward.

2. Seat height adjusting handle

Lift or press down the handle to raise or lower the seat. After adjusting to the appropriate position, release the handle.

### 3. Backrest angle adjustment handle

Sit in the seat, lift the handle, and lean forward or press back against the backrest. After adjusting the backrest to the appropriate position, release the handle, and shake back and forth a few times to ensure that the backrest is locked in place.

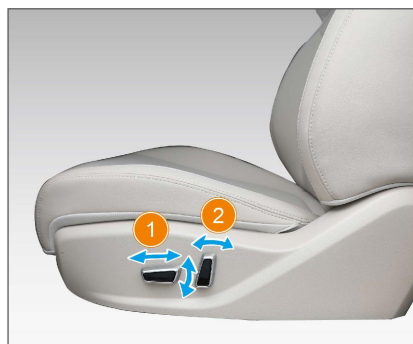
#### Manual adjustment of front passenger's seat



1. Seat forward-backward adjustment pull rod
2. Backrest angle adjustment handle

The manual adjustment of front passenger's seat is the same as the manual adjustment of driver's seat.

#### Electric adjustment of driver's seat\*



1. Seat forward-backward and height adjustment button

Push this button forward and backward to adjust the seat forward and backward; pull the rear end of this button up and down to raise or lower the seat. After adjusting to a proper position, release the button.

2. Backrest angle adjustment button

Push the button forward and backward gently to adjust the seat backrest angle. After adjusting to a proper position, release

the button.

#### Learning function of the driver's seat\*

Seat learning may be required after the following three operations are performed:

1. Replace the seat.
2. Power off the vehicle during seat adjustment.
3. Manually move the seat position.

Specific methods are as follows:

Adjust the seat backrest to the foremost end for more than 5s, then adjust the seat forward and backward to the rearmost end for more than 5s, and finally adjust the seat up and down to the bottom end for more than 5s. The seat learning is completed.

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

Adjust the seat backrest to the rearmost end and then to the forefront to complete the backrest position correction. Adjust the seat forward/backward to the rearmost end and then to the forefront to complete the front-rear position correction. Adjust the seat up/down to the bottom and then to the top to complete the vertical position correction.

#### Electric adjustment of front passenger's seat\*



1. Backrest angle adjustment button

Push the button forward and backward gently to adjust the seat backrest angle. After adjusting to a proper position, release the button.

### 2. Seat forward-backward adjustment button

Push the whole button forward and backward gently to adjust the seat forward and backward. After adjusting to a proper position, release the button.

#### Adjustment of driver's and front passenger's seats with multimedia display screen\*

The seat setting page can be entered through the A/C setting page. See relevant instructions of "Seat Setting" in Chapter VI "IVI system" for details.



#### Caution

- Be careful when adjusting the seat to ensure that it will not hurt other passengers when moving the seat.
- When adjusting the seat, do not put your hands under the seat or near moving parts to avoid injury.
- If the seat adjustment fails through the multimedia display screen, check whether the seat is adjusted in place or stuck by any object.
- Please do not place objects under the seat and clean up small objects in the seat sliding rail in time to prevent abnormal phenomena such as jamming during the seat sliding process.



#### Warning

- When a child is in the vehicle, the seat must be adjusted by an adult to prevent the passenger's body from sliding forward due to unfixed cushion or similar objects on the seat and causing accidental injury in case of emergency brake or accident.
- Before driving, please adjust the driver's seat to a correct driving position, which can reduce incorrect operation and effectively protect the seat belt, airbag, headrest and other equipment.
- The driver shall not adjust the seat

during driving.

- Do not tilt the seat excessively; otherwise, the waist seat belt may slip over the hip and directly strangle the abdomen, or make the shoulder seat belt touch the neck, which will cause serious injury or even increase the risk of death in case of an accident.

#### Rear seat

##### Rear seat backrest folding



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

##### Rear seat backrest unfolding



Turn back the backrest and push it hard to lock it.



#### Warning

- Do not fold the seat backrest during driving.
- Be careful not to get your hands stuck when laying flat the rear seats.
- Do not fold the rear seat backrest when a passenger sits on the rear seat or the

luggage is placed on the seat.

- When restoring the rear seat, gently shake the seat and backrest forward and backward to ensure that it is firmly locked in place.
- Check and confirm that the seat belt is not twisted or stuck in the seat backrest.

### Seat heating and ventilation

#### Control through multimedia display screen

Refer to Chapter V "Seat Settings" of "IVI System" for specific operation methods.

#### Warning

If the body cannot sense pain and temperature due to medication, paralysis, or other medical conditions, do not use the seat heating function, otherwise it may cause body burns.

#### Caution


- Do not kneel on the seat or make the seat bear concentrated load, so as not to damage the seat heating element.
- Do not clean the seat with wet cleaning method.
- Do not place the seat cushion when the seat heating function is turned on.

### Seat memory and convenient boarding and alighting\*

#### Seat memory

The driver's seat of some models has a memory function. For specific operation methods, please refer to "Personal Center" - "Personal Memory" in Chapter VI "Entertainment System".

#### Convenient boarding and alighting

Tap  [Vehicle Control] - [Driving Experience] - [Convenient Boarding and Alighting] on the navigation bar on the homepage of the multimedia display screen in turn to enable or disable this function.

After the convenient boarding and

alighting function is enabled and the seat memory position setting is completed, open the driver's door to get in the vehicle, and the driver's seat moves backward at the memory position for a certain distance; when opening the door to get off the vehicle, the driver's seat moves backward at the current position for a certain distance. When the door state changes from on to off, the driver's seat moves to the set memory position.

### Headrest



The seat headrest is an integrated fixed headrest, which is not adjustable.

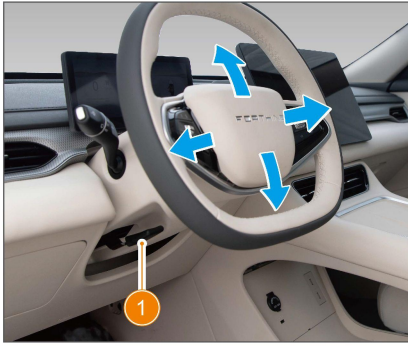
#### Caution

- Do not place a cushion or any other similar object between your back and the backrest during the driving. Otherwise, the headrest will be out of its protective role in an emergency.
- Make sure the driver's seat is adjusted to a correct position before driving. Otherwise, it is not only prone to misoperation, but also unable to give full play to the safety efficiency of seat belts, airbags, headrests and other equipment, which may even lead to accidents.

### Steering wheel

#### Steering wheel adjustment





### 1. Steering wheel adjustment handle

Adjust the steering wheel to a proper position through the following steps:

1. Turn the steering wheel to the straight forward driving position, i.e. the steering wheel return position.
2. Pull the steering wheel adjustment handle downward to unlock the steering wheel.
3. Adjust the steering wheel back and forth to a proper position as indicated by the arrow.
4. After adjustment, pull up the steering wheel adjustment handle and confirm that it is locked in place.

### Warning

Do not adjust the steering wheel when the vehicle is running, so as to avoid personal injury or death caused by loss of control of the vehicle.

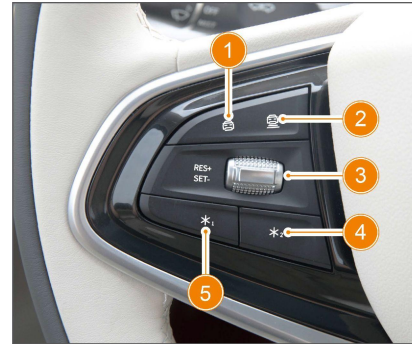
### Horn



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

### Steering wheel button on the left side

#### Type I



1. Distance decreasing button
2. Distance increase button
3. Cruise control button

(1) Pull down this button to set the vehicle speed or decelerate.


(2) Push the button upward to restore or accelerate cruise control.

4. Custom button 2
5. Custom button 1

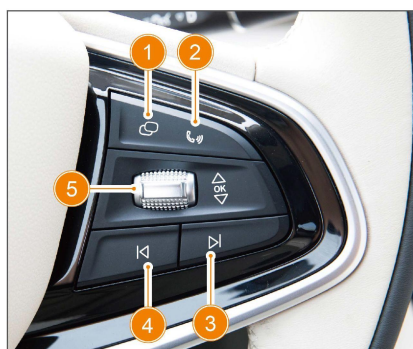
#### Type II



1. Custom button 1
2. Custom button 2

Tap  [Vehicle Control] - [Body and Chassis] - [Steering Wheel] - [Customization of Steering Wheel Control Button] on the navigation bar on the homepage of the multimedia display screen in turn to set the custom buttons.

### Steering wheel button (right)



1. Combination instrument switching button
2. Voice assistant button\*
3. Next song
4. Previous song
5. Up and down selection /OK button

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

(2) Short press the OK button to confirm or close the currently displayed text prompt interface.

### Interior rearview mirror



Hold the right side of the interior 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 interior rearview mirror, please adjust the interior rearview mirror gently and slowly to prevent the exterior rearview mirror body from coming off due to over-adjustment.

### Anti-dazzling adjustment of interior rearview mirror



Gently pull the tab at the bottom edge of the interior rearview mirror to switch the mirror reflection state to prevent dazzling. When the interior rearview mirror is illuminated by strong light from behind, the influence of strong light on the driver can be reduced.



### Warning

- Do not hang a heavy object on the interior rearview mirror or shake or drag it hard.
- Do not adjust the interior rearview mirror during driving; otherwise, severe injury and death may occur due to the accident resulting from misoperation.

### Exterior rearview mirror

Electric adjustment of exterior rearview mirror



1. Electric adjustment switch for lenses of left exterior rearview mirrors
2. Electric adjustment switch for lenses of right exterior rearview mirrors

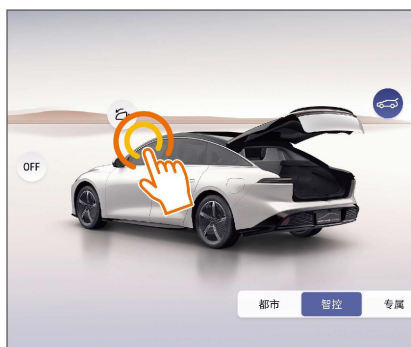
Select the exterior rearview mirror adjustment switch on the corresponding side to adjust the mirror angle.






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

### Folding and unfolding exterior rearview mirror




Tap the rearview mirror folding switch on the homepage of the multimedia display screen to control the folding or unfolding of exterior rearview mirrors.

### Automatically folding and deploying\*

Tap  [Vehicle Control], [-Body and Chassis] and [-Window] on the navigation bar of homepage of multimedia display screen in turn to enable the function of [Locking Rearview Mirror Folding]. When the vehicle is powered off and four doors are closed, press the lock or unlock button on the intelligent key to fold or unfold exterior rearview mirrors automatically.

### Exterior rearview mirror auto-tilt in reverse\*



Tap  [Vehicle Control], [-Body and Chassis] and [-Window] on the navigation bar of homepage of multimedia display screen in turn to enable the function of [Tilting Down Rearview Mirror in Reversing]. When the vehicle is reversing, the exterior rearview mirror can automatically tilt down at a certain angle to facilitate the driver to check the road conditions.

### Heating & defrosting of exterior rearview mirror

After the vehicle is powered on, press the rear windshield defrosting button on the A/C control panel to turn on or off the defrosting function, which can remove the fog, frost and thin ice on the exterior rearview mirrors.

### Outside rearview mirror memory function

The specific operation mode of the exterior rearview mirror memory function is detailed in "Personal Center" - "Personal Memory" under Chapter VI "IVI system".

- Before driving, in order to ensure driving safety, it is necessary to ensure that the exterior rearview mirror is reset before adjusting the mirror angle.
- Do not adjust the exterior rearview mirror during driving.
- If the exterior rearview mirrors are not folded or unfolded, it may be that the exterior rearview mirrors are not reset after collision. In this case, manually push the lens forward until a "click" sound is heard, and then fold or unfold the exterior rearview mirrors for two

or three times.

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

## Power windows



1. Window lock switch
2. Rear left window regulator switch
3. Front left window regulator switch
4. Front right window regulator switch
5. Rear right window regulator switch

### Manually opening/closing windows

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

### Automatically opening/closing windows

Pull up or short press the window switch downward to automatically raise or lower the window. If you need to stop halfway, pull up or press this switch again.

### Remotely opening/closing windows

After the vehicle is powered off, the charging port cap, trunk lid and vehicle doors are closed, press and hold the unlock button on the intelligent key, and the four windows will descend at the same time until they are fully opened. Press and hold the lock button on the intelligent key, and the four windows will ascend at the same time until they are fully closed.

### Window lock switch

To prevent children from accidentally opening or closing the window, pressing the window lock switch can disable the

operation of the front passenger side window and the rear window. At this time, the window can only be controlled by the driver. If it needs to be restored, press this switch again.

### Window thermal protection

If the window is operated repeatedly in a short time, the motor protection function will be triggered and the power window control switch will fail. To resume window operation, wait for a while and then operate again.

### Auto window closing during rain\*

After the vehicle is powered off and the anti-theft function is activated, the windows will be closed automatically when rain is sensed.

### Window anti-pinch protection

The window will stop closing and move in the opposite direction for a distance if it encounters an obstacle with certain resistance during closing. The automatic anti-pinch function will also work in case of impactor similar conditions to window obstacles.

### Anti-pinch power window activation conditions

The power window should first complete initialization learning. When the power window has automatic ascending function, the anti-pinch function is activated.

### Window initialization

It is necessary to conduct initialization learning of the power window with anti-pinch function for normal use.

1. After the vehicle battery is disconnected, undervoltage and recharged.
2. After the door control module flashes the software.
3. After the window mechanism is replaced, such as replacing parts and components that affect the window lifting stroke, such as regulator, rubber strip, glass, weather strip and guide slot.

4. After the door shield and door control module are replaced.

### Steps of initialization learning

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

2. Press and hold the window switch downward until the window is completely opened, and then hold it for more than 2 seconds.

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

4. Initialization learning ends.

The above steps need to be operated in a coherent manner to ensure successful learning. If the power window still cannot work normally after the above operations, please contact an authorized service station of Dongfeng Forthing.



### Caution

- When operating the window, make sure that no part of the passenger's body is pinched.
- Do not allow children to operate power windows.
- Do not deliberately test the anti-pinch function by pinching any part of the body.
- If an object is clamped when the window is about to be fully closed, the anti-pinch function may not work.
- When the door is opened, the window will have an automatic slight-down function. Before closing the door, if you need to manually lift the window, please make sure that the window is in the slight-down position. If the window is at the highest point when closing the door, it may cause the glass position to shift or the rubber strip to wear. Please contact an authorized service station of Dongfeng Forthing.
- Do not lean on the top of the window or press down the window when the door is open, which may cause the glass to sink or deflect, resulting in

failure to open and close the door and window normally. Please contact an authorized service station of Dongfeng Forthing.

- In cold and humid environments, power windows may not work normally due to freezing.

## Sunroof

### Panoramic sunroof



The panoramic sunroof is made of integral glass and cannot be opened.



### Caution

- There are decorative rubber strips around the sunroof glass and front and rear windshields. Please avoid the position of rubber strips when pasting film or washing the vehicle to avoid scratching the rubber strips.
- Do not use sharp objects to scratch the glass or rubber strips around the glass.

## Lighting

### Exterior lighting



1. Light and wiper control handle

### Light and wiper control handle adjustment



1. Right turn signal
2. Left turn signal
3. High beam

### Turn Signal Adjustment

Pull up the light and wiper control lever to Gear I, and the right turn signal will flash three times; pull up it to Gear II, and the turn signal will flash continuously. Pull down the light and wiper control lever to Gear I, and the left turn signal will flash three times; pull up it to Gear II, and the turn signal will flash continuously.

### Daytime Running Light

The daytime running light is mainly used in the daytime and can be automatically turned on, so that other drivers can see your vehicle more clearly and ensure driving safety.

### Multimedia display screen adjustment



Tap [Vehicle Control] - [Lighting] - [Lighting] - [Lighting Level] on the homepage navigation bar of the multimedia display screen to select the light.

### Switching between High/Low Beam

Tap [Light] - [Light Level] on the multimedia display screen to select the low beam. Push the light and wiper control lever

forward to the limit position to turn on the high beam, and the lever will automatically return to its original position; push it forward to the limit position to turn off the high beam.

### Automatic Lighting\*

Tap the [Light] - [Light Level] interface of the multimedia display screen to select AUTO. The position light and low beam will be turned on and off automatically according to the ambient brightness.

### Position light

When the light switch is in ATUO position and the system detects that the ambient light intensity is dark, press the unlock button on the smart key to unlock the door, and the position light will automatically illuminate; after locking, starting the vehicle or sleeping, the position light will go out. The position lights can also be turned on or off directly on the multimedia display screen.

### Rear fog light

When the low beam light is turned on, tap [Light] - [Rear Fog Light] on the multimedia display screen to turn on or off the rear fog light.

### Headlight height adjustment

When the vehicle is heavily loaded, the rear part of the body will sink, which will raise the beam of low beams and affect the driver's vision, causing potential safety hazards. In this case, stop the vehicle at a safe place and then adjust the headlight height.


The specific method is as follows:

1. Turn on the headlights when the vehicle is powered up.
2. Tap [Vehicle Control] - [Lighting] on the navigation bar on the homepage of multimedia display screen in turn to find [Headlight Height Adjustment].
3. Select the headlight height adjustment option according to the actual situation. There are 4 gears in total.



## Exterior Light Signal\*



Tap  [Vehicle Control] - [Lights] - [Lights] - [Exterior Lights] on the navigation bar on the homepage of the multimedia display screen in turn to turn on or off the exterior lights.

After the function is enabled, the exterior lights of the vehicle can flash or illuminate according to different scenarios, including: key proximity welcome\*, unlocking welcome, farewell light, parking waiting and light show.

The specific light signal mode is as follows:

Light signal mode	Triggering mode	Description of light signal
key proximity welcome *	The Bluetooth key or smart key is carried into the automatic unlocking area.	Exterior lights illuminate according to certain rules, and drivers are welcome to use the vehicle.
Unlocking welcome	Open the driver's door.	The external lights illuminate according to a certain rule.
Farewell light	The vehicle is locked by pressing the lock button on the smart key or through the Dongfeng Forthing APP.	The external lights are turned on according to a certain rule to send off the driver and passengers.

Parking waiting	The vehicle is in the "READY" state and the shift lever is at P position or autohold takes effect for 3s.	The external lights are lit according to a certain rule to greet the surrounding vehicles.
Light show	With the vehicle started and the position lights or high/low beams turned off, select a preset song on the multimedia display screen. After tapping "Play", the four window glasses will automatically descend and the multimedia display screen will play the preset song.	The external lights are lit according to certain rules, realizing a "light show".

## Interior Lights

## Interior light

The interior lights have the off-delay function.

## Front interior light



1. Front left interior light
2. Front right interior light


Touch the front-row left/right interior light to turn on or off the interior light at the

corresponding side of the front row.

### Rear interior light




The rear interior light is located under the rear handle. Press the left/right interior light switch to turn on or off the interior light at corresponding side of the rear row.

Tap  [Vehicle Control] - [Lighting] - [Lighting] - [dome light] on the navigation bar on the homepage of multimedia display screen in turn to turn on or off the interior light courtesy switch. After this switch is turned off, the interior lights will illuminate or go out along with the opening and closing of four doors.

### Interior ambient light\*



Tap  [Vehicle Control] - [Lighting] - [ambient light ] on the navigation bar on the homepage of multimedia display screen in turn.

[Ambient light ]: Turn on or off the atmosphere light. Drag the brightness bar to adjust the brightness of ambient light .

### Trunk light



Open the tailgate, and the trunk light will be on automatically. Close the tailgate, and the light will turn off automatically.

### Wiper



1. Light and wiper control handle

### Front manual wiper



### Front automatic wiper\*



**HI:** high-speed wiping. Pull the wiper control handle upward to HI position for



high-speed continuous wiping.

**LO:** low-speed wiping. Pull the wiper control handle upward to LO position for low-speed continuous wiping.

**INT:** Intermittent wiping. Turn the light and wiper control handle upward to INT position, and the wiper will wipe intermittently. The intermittent time can be adjusted on the multimedia display screen.

**AUTO\*:** automatic wiping. Turn the light wiper control handle upward to AUTO position, and the wiper will wipe automatically. The sensitivity of the wiper can be adjusted on the multimedia display screen.

**OFF:** Turn off the wiper. When the wiper control handle is at OFF position, stop wiping. This is the default gear. **MIST:** inching. Pull the wiper control handle downward to wipe the wiper once, and the handle will automatically return to its original position after release.



### Caution

When the wiper control handle is turned to AUTO position and the automatic wiping function of wiper is activated, the wiper may wipe under the following conditions, which is normal:

- Areas where the light changes significantly, such as woods and overpasses.
- Foreign matters, such as leaves, fall on the sensor area.
- Vehicles pass through dusty areas, such as following large vehicles or passing through construction sections.

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

- Foreign matters are attached to the surface of the rain sensor.
- If other electronic equipment is added or connected to the vehicle, the system function may also be affected during use.

Adjust the intermittent time through IVI system



Tap the multimedia display screen [Vehicle Control] - [Body and Chassis] [-Window] [-Wiper Intermittent Time Adjustment] to adjust the intermittent time of wiper. The larger the value is, the longer the intermittent time will be and the lower the wiping speed will be.

Automatic Wiping Sensitivity Adjustment\*



Tap [Vehicle Control] - [Body and Chassis] - [Window] - [Wiper Sensitivity Adjustment] on the navigation bar of homepage of multimedia display screen to adjust the automatic wiping sensitivity. The larger the value is, the higher the sensitivity will be and the wiping speed will gradually increase.

Front windshield washer



When the front wiper spray button is pressed, the front windshield washer will

spray water and the wiper will wipe at the same time.

### Type-C power interface

Type-C interface at lower part of console



Type-C interface at the rear of console



The Type-C power interface supports the charging of mobile phones, tablets and laptops (the charging equipment interface shall be a Type-C interface).

#### Caution

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

### 12V On-board Power Supply

The 12V on-board power supply can only work when the vehicle is in "ON" or "READY" state.

Front on-board power supply of console



The 12V on-board power supply is located under the console.

#### Caution

- When the on-board power supply is not used, please cover the dust cap tightly.
- The maximum output power of the 12V on-board power supply is 120W. Do not insert high-power electrical appliances to avoid fire.
- The 12V on-board power supply is only used for power supply. Do not insert the cigarette lighter into the 12V on-board power socket to avoid fire caused by short circuit.
- Do not allow children to use or contact with the 12V on-board power supply to avoid electric shock.
- Do not insert metal foreign matters into the power interface to avoid fire caused by short circuit.

### USB media source interface



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

### Wireless charging\*



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

Before charging, make sure that there is no interference from other objects in the wireless charging area. When the vehicle is in "ON" or "READY" state, place the portable charging equipment to be charged at the rear position of the charging area, and judge whether the charging is successful according to the charging status indication of the portable charging equipment.

After charging is completed, it will automatically stop. If it is necessary to stop charging midway, remove the portable chargeable device being charged from the surface of the wireless charging device.



### Caution

- The portable device to be charged, both the device itself and its external wireless charging case, must comply with national wireless charging standards.
- The wireless charging device can only support one portable chargeable device for charging at a time.
- The maximum supporting power of wireless charging is 50W.
- Place the portable charging equipment in the center on the bottom of the wireless charging panel on the console.

### DVR\*

#### Insertion and removal of USB flash disk



The USB interface of the vehicle travelling data recorder is located under the console. Before using it for the first time, please confirm whether a USB flash disk has been inserted into the recorder.

It is recommended to format the new USB flash disk in the settings of vehicle traveling data recorder on Dongfeng Forthing APP. After the vehicle is powered off, unplug and plug in the USB flash disk of recorder.

#### Function

##### ON

When the vehicle is powered ON or in READY state, the vehicle travelling data recorder will start to work and enter the video recording state.

##### Close



When the vehicle is powered off, the driving recorder will be turned off automatically.

#### Status display

The video recording status of the dash cam can be viewed on the status bar of the multimedia display screen.

Meanings of icons are as follows:

	The device is normal. Loop video recording is in progress
	The device is normal, and emergency video recording is in progress
	VTDR fault
	Driving recorder U disk fault

	Vehicle traveling data recorder USB flash disk is full
	USB flash disk not inserted

### A/C system

#### Automatic A/C



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

#### Turning on and off A/C

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

#### Automatic or manual control mode selection

Press the AUTO button to switch the control mode.

#### Temperature adjustment

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

#### Adjust the air volume

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

#### Blowing mode switching

Tap the blowing mode switch button to select the required blowing modes, which are: face, face/foot, foot, foot/defrosting, face/defrosting, face/foot/defrosting.

#### Rear defrosting/exterior rearview mirror heating

Tap the rear defrosting/exterior rearview mirror heating button to activate or deactivate this function, which can remove fog, frost and thin ice on the rear windshield and exterior rearview mirrors.

#### Front windshield defogging

Tap the front defrosting button to turn on or off the front windshield defrosting/defogging function. After this function is turned on, the fog or frost on the front windshield can be removed.

#### Circulation mode

Tap the circulation mode switch button to switch between different circulation modes. It is



recommended to select the fresh air mode when passing through areas with lots of smoke and dust.

### A/C setting

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

### A/C energy saving

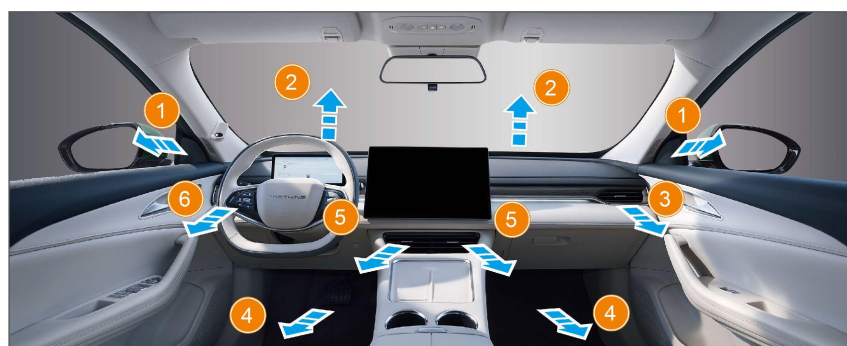
When the A/C energy-saving function is turned on, the temperature drops by 5°C when the A/C works in heating mode and rises by 3°C when the A/C works in cooling mode. In ventilation mode, the temperature remains unchanged.

### Bluetooth reduces air volume

Turn on the Bluetooth blower speed reduction function. After the multimedia display screen is connected to the Bluetooth phone, the air volume of the A/C will automatically decrease to ensure the call quality: if the air volume of the A/C is greater than level 3, it will automatically decrease to level 3; if the air volume of the A/C is at levels 1, 2 and 3, the air volume remains unchanged.

### Position of air outlet

#### Front air outlet



- |                                                  |                              |
|--------------------------------------------------|------------------------------|
| 1. Air outlets on both sides of front windshield | 4. Front footwell air outlet |
| 2. Front windshield center air outlet            | 5. Central air outlet        |
| 3. Right air outlet                              | 6. Left air outlet           |

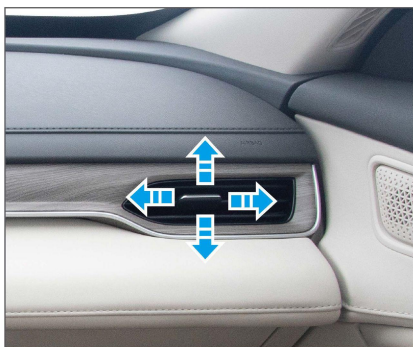
#### Rear air outlet



1. Rear-row middle air outlet

### Adjustment of airflow and direction





The air direction can be changed by moving the grille in the middle of the air outlet up and down, left and right.



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

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




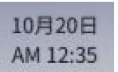
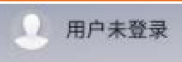
1. When using the IVI system (hereinafter referred to as "system"), please carefully read the relevant operating instructions. If the system is damaged due to failure to follow the operating instructions, you will not be eligible for warranty service.
2. Different vehicle configurations and system version updates may result in slightly different operating instructions. Please refer to the actual vehicle for accuracy.
3. Do not operate the multimedia display screen when the vehicle is running; otherwise, there may be an accident, causing personal injury or death.
4. When using this system, the driver must comply with relevant laws and regulations. The vehicle shall be parked in a safe place before operation, such as entering or changing the destination. In addition, according to laws and regulations, in order to ensure your driving safety after a certain speed is reached, the system will not display some functions.
5. If the operation is too frequent, the system may take some time to react. Please be patient and do not repeat the operation.
6. If the system is abnormal, please do not repair it yourself. Please contact an authorized service station of Dongfeng Forthing for maintenance in time.
7. When the vehicle is not started, do not use the system for a long time to avoid using up the 12V LV battery.
8. Do not use sharp objects to touch, rub or tap the display screen, and do not splash liquid onto the display screen, as this may cause damage to the display screen.
9. Do not apply metal film on the surface of the front windshield, as this may cause certain functions in the network and navigation to fail.
10. In remote areas, mountainous areas, tunnels, or underground parking lots with weak network signals, the use of navigation and network functions may be affected. After the vehicle leaves these areas, network signals will automatically recover.

## Home Screen



### 1. State area:








Icon	Description
	Voice assistant. For details, please refer to "Voice Assistant*".

	USB inserted
	Mute, not displayed in non-mute state
	Display the vehicle traveling data recorder status*. Tap "Audio recording during video recording" or tap "Go to the vehicle traveling data recorder" to enter the vehicle traveling data recorder interface
	Bluetooth
	WIFI signal intensity
	4G Network signal strength
	Datetime
	Personal center

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2. Content area: There are three themes to choose from, namely City, Intelligent Control and Exclusive. Tap the theme name in the lower right corner of the content area to switch the theme display.

3. Navigation bar:

Icon	Description
	Display and quickly adjust the temperature. Tap to enter the A/C application interface
	Tap to return to the homepage
	Tap to display all applications
	Tap to enter the multimedia page
	Tap to enter the vehicle setting page
	Tap to enter the 360° panoramic view interface
	Tap to enter Bluetooth phone interface



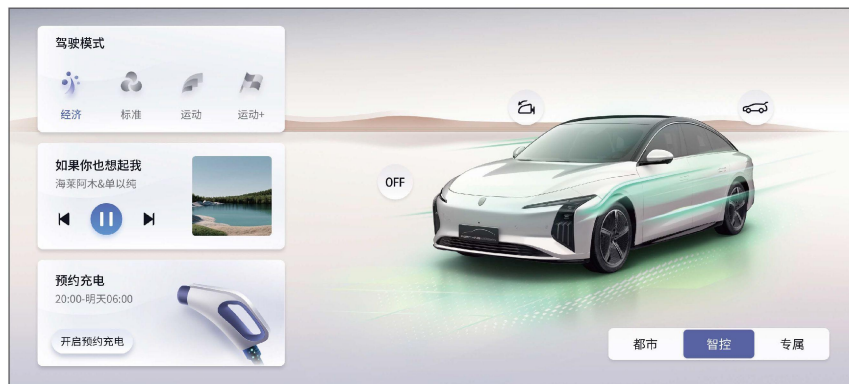
## Theme Introduction

### Urban themes



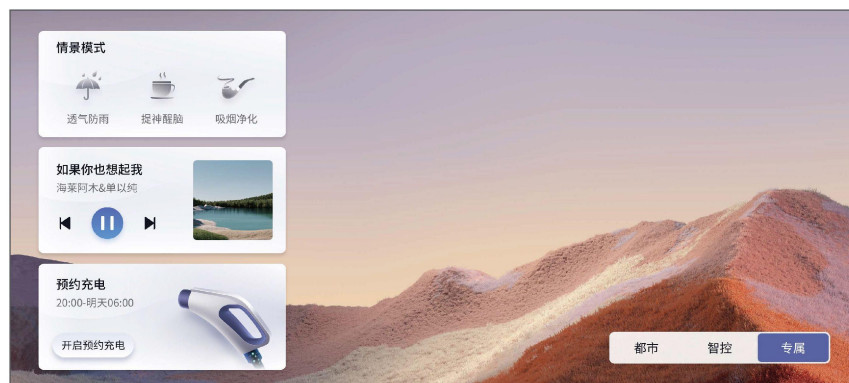
Display the current location in real time with a map as the background. It supports quick navigation, multimedia player, scheduled charging and other functions.

### Intelligent control theme



With the 3D vehicle model as the background, it displays the current status of lights and trunk. It supports driving mode switching, multimedia player, scheduled charging and other functions.

### Exclusive topics



Customizable wallpaper, supporting scenario mode switching, multimedia player, scheduled charging and other functions.

Long press the [Scheduled Charging] card to enter the editing state, and switch to other

function cards that need to be displayed.

## Shortcut menu in drop-down bar

Slide down at the top of the multimedia display screen to bring up a shortcut menu in drop-down bar.



### 1. Quick switch control area

Hill Descent Control: Tap to enable/disable the hill descent control function.

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

ESC OFF: Tap to turn on/off the electronic stability control system.

Screen off: Tap it to quickly turn off the screen.

Rear fog light: Tap it to turn on/off the rear fog light quickly.

Dome light: Tap it to turn on/off the dome light.

Night mode: Tap it to switch between night and day modes.

Automatic locking/unlocking: Tap this button to quickly enable or disable the automatic locking/unlocking function.

AUTO HOLD: Tap this button to enable/disable the automatic parking function.

Comfortable parking: Tap to enable/disable the comfortable parking function.

### 2. Sound and brightness adjustment area

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

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


Brightness adjustment of central control: Swipe left and right to quickly adjust the brightness of multimedia display screen.

### 3. Message area

All messages are displayed.

### 4. Tap to view the message details.


## App Center

Tap  the icon in the navigation bar on the homepage of the multimedia display screen to enter the App Center, and tap the icon to enter the corresponding function interface.






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This vehicle is equipped with abundant third-party applications and mini programs. Some of them rely on the network, so they can only be used when the network is available. Tap  the navigation bar icon at the bottom of the homepage to enter the App Center. The application content is provided by a third-party service provider and does not represent our position. Due to system updates and third-party application content updates, the quantity, content and form of third-party applications may be inconsistent with those shown in the schematic diagram. Please refer to your actual vehicle.

## A/C setting

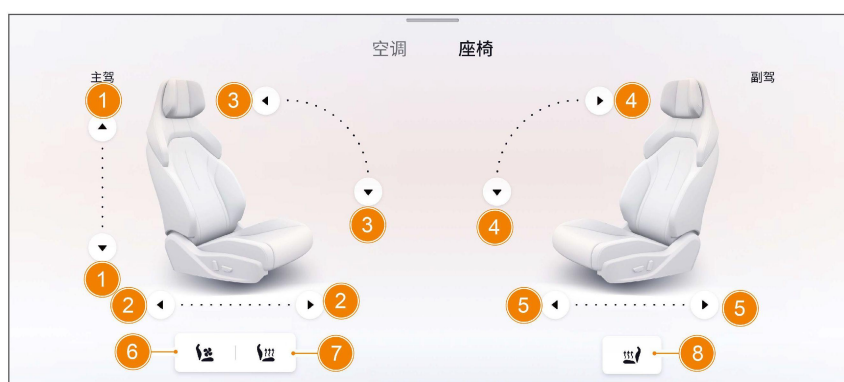
Tap  the icon in the navigation bar on the homepage of the multimedia display screen to enter the A/C setting interface.



Due to different vehicle configurations, the A/C details page may be different. See relevant contents in Chapter V "Basic Function Operation" for details.

## Seat Setting\*

You can enter the seat setting page through the A/C setting page. On this interface, you can adjust the seat height, backrest angle, seat ventilation and seat heating.



1. Driver's seat height adjustment button
2. Driver's seat front and rear adjustment buttons
3. Driver's seat backrest angle adjustment button
4. Front passenger's seat backrest adjustment button
5. Forward/backward adjustment button of front passenger's seat
6. Driver's seat ventilation opening/closing and level adjustment
7. Driver's seat heating ON/OFF and level adjustment
8. Front passenger's seat heating ON/OFF and level adjustment


## Voice assistant\*

For models equipped with Future-Link IoV function, you can press the voice wake-up button on the right of steering wheel or say "Forthing Forthing" in the vehicle to wake up the voice assistant. The voice assistant will be able to navigate, make calls, order online music, control A/C and other functions for you to free your hands. For example, you can say:

- "How can I get to Tiananmen Square?"
- "I want to listen to rock songs."
- "How is the weather in Beijing?"
- "How is the air quality today?"
- "What's the date of the lunar calendar today?"
- "Adjust the A/C to 26 degrees."

For the position of voice assistant buttons, please refer to the relevant description of "Right Side Button of Steering Wheel" in Chapter V "Basic Function Operation".

## Energy center

Tap  the icon in the navigation bar on the homepage of the multimedia display screen to enter the App Center. Find the energy center and tap it to enter.



1. Display the remaining charging time.
2. Coasting energy recovery setting: None, comfortable and strong can be selected.
3. Charging limit setting.
4. Switching of endurance standard: CLTC and WLTC can be selected.
5. Heat preservation reservation setting: The heat preservation reservation can be enabled and the time can be set.
6. Scheduled slow charging: The scheduled slow charging can be enabled and the time can be

set.

## Bluetooth Phone

Tap the icon in the navigation bar on the homepage of the multimedia display screen to enter the Bluetooth phone interface.

### Recent calls



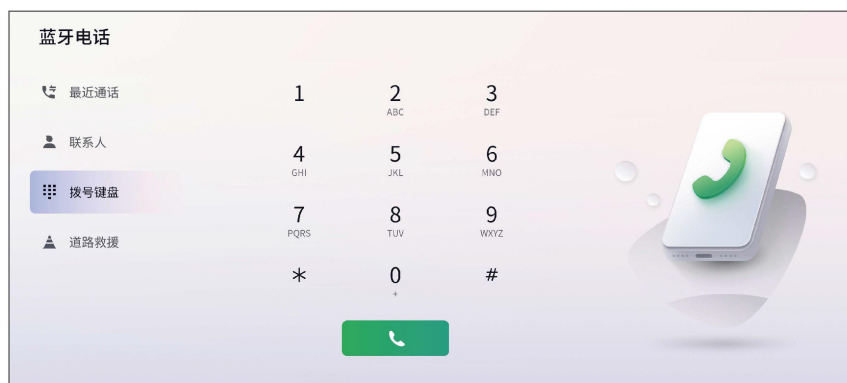
1. Tap to switch to view recent calls, contacts, dial keypad and roadside assistance, and use related functions.
2. Tap to switch between all calls/missed calls records.
3. Tap to view details of the contact's call records.
4. Call record list, scroll up and down to view the call records, and tap any contact to make a call.

### Contacts Interface



1. Address book search function: Tap and enter keywords to search for saved contacts.
2. Contact details: It displays the contact's head portrait and number. Tap the phone button behind the number to make a call.
3. Contact list: Swipe up and down to view the address book, and Tap on any contact to display detailed information.

### Dial keypad



Dial keyboard: support direct dialing and dialing to search for contacts.

### Roadside assistance

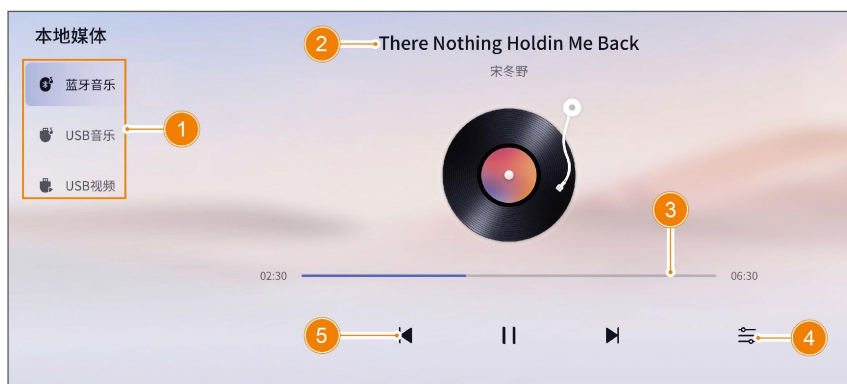


Roadside assistance: In case of emergency requiring road rescue, tap [Emergency Road Rescue] to directly call Dongfeng Forthing after-sales service hotline for road rescue.

## Multimedia

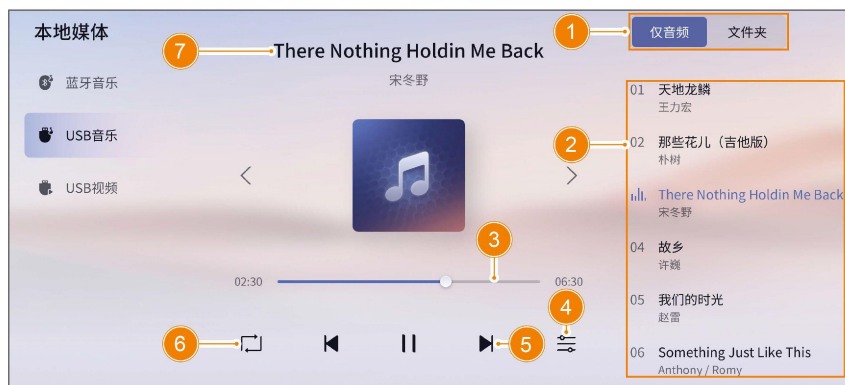
Tap the icon in the navigation bar at the bottom of the multimedia display screen to enter the multimedia interface.

### Bluetooth music



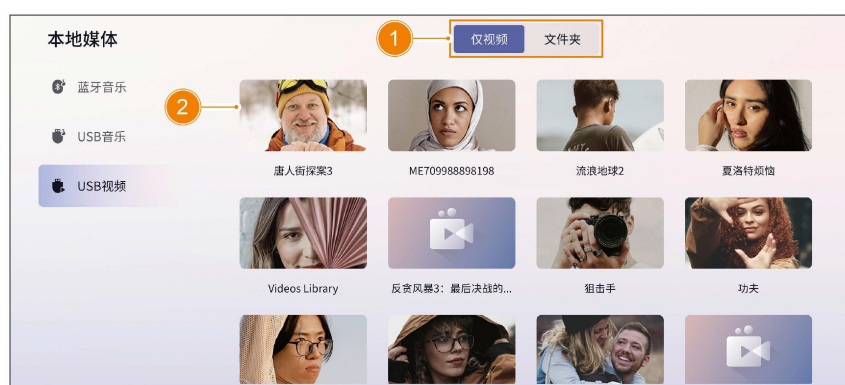
1. Tap to switch among Bluetooth music, USB music and USB video functions.
2. Bluetooth music information display area: Display song name and singer name.
3. Progress bar control: Swipe left and right to adjust the play progress bar.
4. Sound effect adjustment: Tap it to enter the sound effect adjustment interface.
5. Bluetooth music play control: Play/pause, previous and next song switching.

### USB music



1. List switching: Tap it to switch between the audio list and folder list.
2. Music list: Scroll up and down to view the list, and tap the music file to play it.
3. Progress bar control: Swipe left and right to adjust the play progress bar.
4. Sound effect adjustment: Tap it to enter the sound effect adjustment interface.
5. USB music play control: Play/pause, previous and next song switching.
6. Circulation mode switching: Tap to switch single cycle, list cycle, random play mode.
7. USB music information display area: display song name and singer name.

## USB video



1. List switching: Tap it to switch between video list and folder list.
2. Video list: Scroll up and down to view the list, and tap the music file to play it.

## Radio




1. FM/AM switching: Tap to switch FM/AM frequency band.
2. List switching: Tap to switch all stations and save stations.
3. Radio station list: Display the list of all radio stations and favorite radio stations.



4. Search: Tap to search your favorite radio station.
5. Play control: from left to right: switch to previous frequency band, pause/play and switch to next frequency band.
6. Add a radio station to favorites: Tap it to add the current radio station to favorites.
7. Radio frequency band bar: Swipe left and right to switch frequency band.
8. Radio station information: display the frequency band of the current radio station.

## Personal center

Tap  [App Center] - [Personal Center] in the navigation bar on the homepage of the multimedia display screen to enter the personal center interface.

### Main Interface

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1. Tap to switch among Personal Center, Personalized Memory, Scenario Mode and Message Center.
2. The account information such as profile photo and name is displayed. A QR code will be displayed when you are not logged in. Follow the prompts to scan the QR code for login.
3. Logout: Tap to log out the current account.
4. Tap or drag the card area to view more applications.
5. Energy consumption information.
6. Subtotal mileage: display the subtotal mileage information.
7. Remaining flow: Display the remaining flow information.
8. Tap details to view the data package and purchase history.
9. Tap "Clear" to select whether to clear the trip mileage data.

### Face recognition\*



1. Find the [Face ID] application in the main interface of Personal Center, and tap [Enter] to enter face recognition information. After logging in for the first time, you need to scan the QR code and a pop-up window will appear. Select [Yes] to determine whether to enter face.

2. The entry prompt pops up. Tap [OK] to start entering the face. Please keep your face facing the steering wheel during entry. At the same time, a pop-up window will be displayed on the combination instrument.

If the entry is successful, the multimedia display screen will prompt "Face recording has been completed. Scan the face and log in automatically when using the vehicle next time", and tap OK; if the entry fails, the multimedia display screen will prompt "Face entry failed, re-entry?", and tap [Retry].

### Personalized memory\*



1. Tap "Save Memory".
2. Tap to apply this mode.
3. Tap to enter the setting interface.
4. Tap to add new memory.
5. Tap to delete the memory.

### Scenario mode




1. Tap to view more scenarios.
2. Tap Cancel. If there is no operation for more than 5 seconds, the selected scenario mode will be enabled.
3. Display scenario mode. Tap to apply this mode, and slide the card leftward or rightward to view more modes.

### Message center



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

### DVR\*

Tap  the icon in the navigation bar on the homepage of the multimedia display screen to enter the App Center, and tap the vehicle traveling data recorder to enter the vehicle traveling data recorder interface.

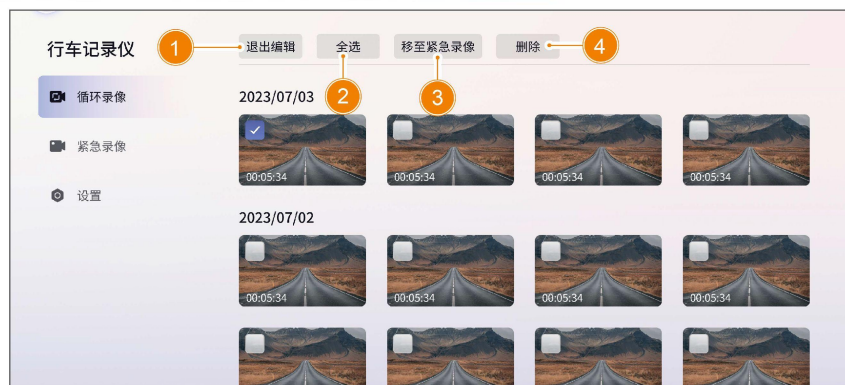
### Main Interface



1. Tap to switch between the loop recording album, emergency recording album and setting interface.
2. Tap to edit the video.
3. Tap to enter the filtering date pop-up window.
4. Tap the scroll bar of the list to view more videos.
5. Shooting date.
6. Take a screenshot of the video. Tap to play the video.
7. Video recording duration.

### Edit the video

Tap "Edit" on the main interface of the driving recorder to enter the video editing interface.




1. Tap to exit the editing interface.
2. Tap to select all videos.
3. Tap to move the selected video to the emergency video album, and there will be a relevant pop-up prompt whether the movement is successful.
4. Tap to delete the selected video and display a pop-up window for confirming whether to delete it.

### Settings



1. Tap to select the loop recording duration, which can be 1 min, 3 min or 5 min. The default value is 3 min.
2. Tap to enable or disable the audio recording function, which is disabled by default. When the system detects that the airbag deploys and the anti-theft alarm is activated, the emergency video recording will be triggered, and the audio recording will be automatically turned on. After the emergency video recording is completed, it will return to the close state.
3. Display the storage space of USB flash disk and the memory occupied by video files.
4. Tap "USB flash disk formatting", and a pop-up window will prompt you whether to confirm this operation. Tap OK to start the formatting action.

### Smartphone interconnection

Tap  the icon in the navigation bar on the homepage of the multimedia display screen to enter the App Center, and then tap [Smartphone Interconnection] to enter the smartphone interconnection interface.



Smartphone interconnection supports WIFI connection and USB connection, which can be connected according to the interface prompts.

The functions available for smartphone interconnection include map, music and application management.


### Description of special circumstance for smartphone interconnection

To ensure the connection reliability, when using WiFi for smartphone interconnection, please set the AP frequency band from 2.4 Ghz to 5.0 Ghz in the mobile phone hotspot settings. If the mobile phone frequency band does not support the 5.0 GHz, it is recommended to use USB connection for smartphone interconnection.


**⚠ Caution**

- In order to ensure the stability and smoothness of smartphone interconnection function, USB connection is preferred. It is recommended to use the original USB cable matched with the mobile phone.
- The smartphone interconnection function may change due to the update of connected application software version, and the specific functions shall be subject to the actual vehicle.

## Vehicle control

Tap  the icon in the navigation bar on the homepage of the multimedia display screen to enter the vehicle control interface.



1. Tap to switch and view, enter the shortcut control, driving experience, lighting, body and chassis, driving assistance, connection setting, display, maintenance reservation, factory and upgrade interfaces and make settings. Tap  the button behind the setting item to view the function configuration description, so as to understand the specific functions of each setting item.



Scene name	Included function setting name
Driving experience	Driving mode, brake pedal force adjustment, ESC OFF, automatic parking, hill descent control, convenient boarding and alighting, sliding energy recovery, comfortable parking, car washing/towing mode, steering hand feeling mode setting, direction button customization
Lighting	Light level, headlight height adjustment, rear fog light, dome light, pedestrian alarm, light dance show, ambient light *, ambient light mode*, ambient light brightness*
Body and chassis	Vehicle locking feedback, liftgate angle adjustment*, automatic unlocking/locking, wiper sensitivity adjustment*, automatic window closing in rainy weather*, rearview mirror folding after vehicle locking*, rearview mirror tilting-down during reversing*, window raising after vehicle locking, and exterior rearview mirror folding
Driver assistance*	Forward collision assistance, lane departure assist, intelligent pilot assist, intelligent high beam control, traffic sign recognition, lane change assistance, door opening warning, forward cross traffic warning, rear cross traffic warning, rear collision warning, fatigue monitoring and distraction monitoring
Connection settings	WI-FI, Hotspot, Bluetooth
Display	Instrument brightness, central control brightness, day/night mode, time system, wallpaper setting and driving video warning
Sound	Volume adjustment, sound effect setting, prompt tone, atmosphere sound effect and low-speed driving sound
Voice setting*	Voice wake-up, wake-up free duration, speaker, sound source localization, voice to text, active greeting
Maintenance reservation	Vehicle detection and surrounding service stations
Delivery and upgrade	Check for updates, reserve upgrades, restore factory settings, and reset wireless terminals

2. Driving mode setting: economic, standard, sport and sports+ can be selected.

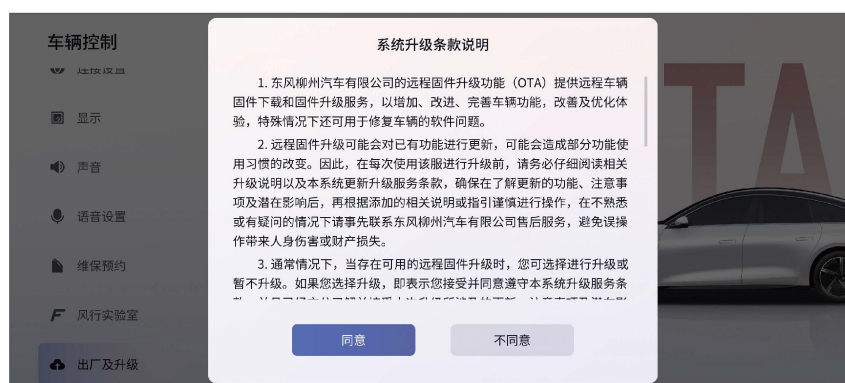
3. Energy recovery setting: None, Comfortable and Strong can be selected.


4. Common function settings: Tap to turn on or off the automatic headlight, automatic parking, hill descent control and ESC.

5. 3D vehicle control: Tap to turn on or off the rear fog light and tail door, and fold or unfold the exterior rearview mirror.

## OTA update

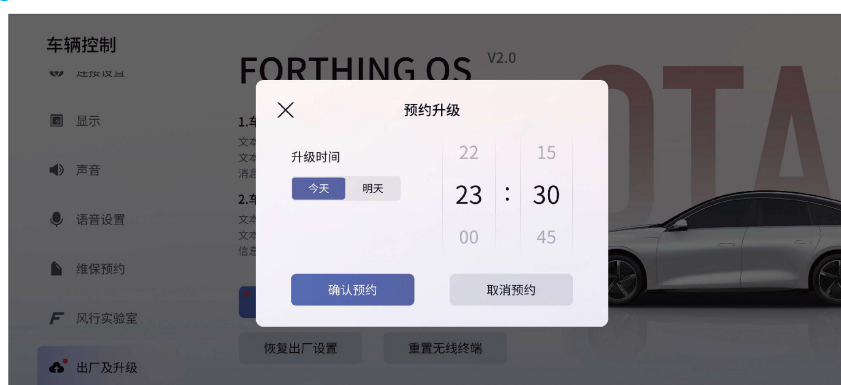
### Description of system upgrade terms



Tap  [Vehicle Control] - [Factory and Upgrade] on the navigation bar of homepage of multimedia display screen in turn, popping out [System Upgrade Term Description], tap [Agree] to perform the system upgrade.

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### Scheduled upgrade



In the factory and upgrade interface, tap [Reservation Upgrade] to set the time for reservation upgrade. The reservation result will be displayed on the multimedia display screen.


### Precondition check



Before upgrading, the system will detect the charging state, power supply state, gear position, vehicle speed and other vehicle states. The upgrade will be started after all detection conditions are met. Do not start the vehicle or perform any operation during the update process.

### Caution

- When there is already a scheduled charging task, the scheduled upgrading is not supported.

- 
- When the vehicle is in use, the current scheduled upgrade will become invalid.
  - After the scheduled upgrade, if scheduled charging is performed again, the scheduled upgrade task will be invalid.
  - If the upgrade fails, please try again or go to an Dongfeng Forthing authorized service station for handling.

## Bluetooth key\*

### Precautions for using Bluetooth key

1. Before activating and using the Bluetooth key service, please read carefully to ensure that you have fully known and understood the instructions on this page.

2. After the Bluetooth key service is activated, please use it according to the instructions in the User's Manual. In case of any software or hardware failure, please go to an Dongfeng Forthing authorized service station for inspection.

3. Some models of smartphones may have incompatibilities with Bluetooth keys, which may be due to differences in support for digital key services among smartphone manufacturers in their operating systems. We will continue to optimize the compatibility of Bluetooth key with different models of mobile phones, but we cannot guarantee that all smartphones, operating systems and other factors are compatible. Compatibility is not within the scope of our service commitments.

4. Factors such as smartphone compatibility and environmental interference (such as electromagnetic interference) will affect the keyless entry and vehicle control functions of the Bluetooth key. When unlocking or locking with the Bluetooth key fails, try to change the distance between the mobile phone and the door/exterior rearview mirror. When the keyless start with Bluetooth key fails, try to make the mobile phone as close to the center console as possible. Mobile phones logged in using the car owner's account can support keyless entry and start functions after the mobile phone is connected to the vehicle via Bluetooth, but its performance is greatly affected by mobile phones and environmental interference factors.

5. When the vehicle is in any gear other than OFF position, Bluetooth vehicle control function cannot be used.

6. If the remote control key or other Bluetooth key (such as authorized Bluetooth key) is in the vehicle, the functions of automatic unlocking/locking, passive opening or closing trunk lid will not take effect.

7. When the Bluetooth key fails to be connected with the vehicle, you can operate as per the following steps:

(1) Turn on the mobile phone Bluetooth and APP again, tap [Bluetooth Key] switch of APP to reconnect.

(2) Confirm whether there is any other mobile phone connected to the vehicle. If so, disconnect the other phones and reconnect.

(3) If the connection of mobile phones around cannot be confirmed, and there is no available device starting with "DFM" in the list of devices connected by mobile phone Bluetooth, you can use the owner's account to tap [Reset Bluetooth Key] switch in [Car]-[Settings] of APP to release the Bluetooth pairing relationship between mobile phone and vehicle, and then re-tap [Bluetooth Key] to complete pairing.

(4) If the above steps still cannot solve the problem of connection failure between Bluetooth key and vehicle, please contact an authorized service station of Dongfeng Forthing.

## Using Bluetooth key

When the Bluetooth key is used for the first time, it needs to be activated, paired and calibrated.

### Activate

Bluetooth key activation needs to meet all of the following conditions:

1. The Bluetooth at the vehicle end is paired with the mobile phone successfully and in a connected state.
2. The mobile phone needs a good network connection.
3. The vehicle is in the starting state.

Bluetooth key activation steps:



1. With network connected, enter the mobile APP and tap [Car]-[Bluetooth Key]-[Go to Activate].



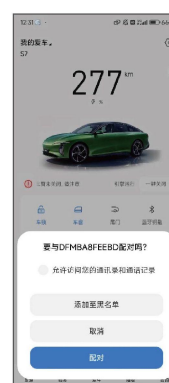
2. Read the Bluetooth Key Activation Protocol, check "I have read and agreed to this protocol" and tap "OK".



3. Activate the Bluetooth key according to the operation instructions of mobile phone APP.

### Pair

Just like the first pairing scenario of Bluetooth headset and mobile phone, it is also necessary to pair the vehicle Bluetooth with the mobile phone Bluetooth when they are connected for the first time. Users can complete Bluetooth key pairing according to the operation instructions of mobile phone APP, and the name of vehicle Bluetooth key device will pop up during pairing.



### Calibration

For a better experience, the Bluetooth key shall be calibrated before use. The calibration steps are as follows:

1. Open the mobile phone APP, and tap [Settings] -> [Bluetooth Calibration].



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

3. Setting of Bluetooth key connection function: Some Android phones need to turn on the Bluetooth setting item "Input Device" switch, while iPhones do not have this setting. Memorize the device name of vehicle Bluetooth key during pairing.

#### Bluetooth key vehicle control



When your Bluetooth is paired successfully, the functional identification of "Bluetooth key" will be highlighted, and the vehicle control functions such as "lock", "window", "liftgate" and "A/C" will change from remote vehicle control to Bluetooth vehicle control.

1. Door lock: locking and unlocking.
2. Window: fully open the window, close the window and slightly open the window.
3. Liftgate: Open and close the liftgate.
4. A/C: remote cooling, remote heating and shutdown.
5. Seat (if equipped): Turn on seat ventilation, turn on seat heating and turn off.



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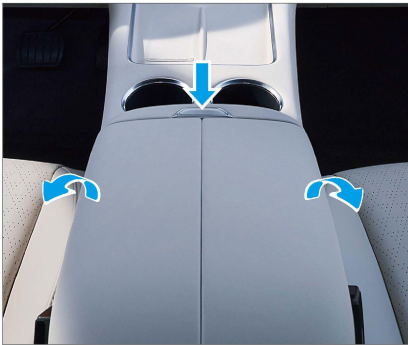
## Storage device

### Door storage slot



The interior trim panels of the front and rear doors are provided with door storage slots for storing mobile phone, keys, water bottles and other items.

### Central armrest box



Press the front lock of the center armrest box and the center armrest box will automatically open.

### Storage of console



There are upper and lower storage positions in the front of the console. For some models, there is a wireless charging device on the left side of the upper storage groove for mobile phone charging. The lower storage groove can be used to store large items such as books.

### Glove box



The glove box is located on the right side of the dashboard and can store the documents and data delivered with the vehicle. Pull the glove box handle outward to open it, and push it forward to close it.

### Stores in front engine compartment



The front engine compartment is provided with a storage groove, which can be used after the front engine hood is opened.

### Magazine back of seat back



The magazine bag is located on the back of the front seat for placing 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 hold drinks such as water cup and beverage.



### Caution

Do not place an open beverage cup on the holder when the vehicle is running. Otherwise, the hot drink splashed out from the cup will scald the driver and passengers or damage the vehicle and electrical equipment in the vehicle.

## Other devices

### Sun visor



Turn the sun visor downward to block the front sunlight. To block the side sunlight, disengage the left/right support rod from the clip, and then turn the sun visor to the side.

### Vanity Mirror



The inner side of the sun visor is equipped with a vanity mirror, and some models are equipped with fill-in lights. Turn down the sun visor, and push up the cover plate of make-up mirror to use it.

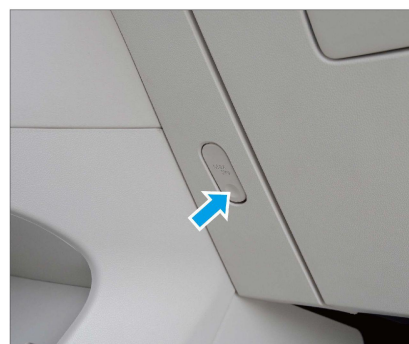
### Top handle



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

### Hook

#### Instrument panel hook



The left side of the glove box is designed with a dashboard hook, which can be unfolded by pressing the groove and retracted by pressing the rib.

#### Clothes hook



The top handle on the right side of the rear seat is equipped with a clothes hook.



**Caution**

- Do not hang hangers or other hard objects on the clothes hooks. When the side curtain airbag deploys, these items may be ejected and cause injuries to passengers.
- The maximum load capacity of the hook is 3 kg. Do not hang overweight objects.

### Luggage Compartment Cover\*



#### Removal

1. Take down the lanyards of luggage cover on both sides of trunk.
2. Push both ends of luggage cover backward until the fixing clips on both sides are separated from the slots.
3. Place the luggage cover flatly in the trunk.

#### Installation

The luggage cover shall be installed in an order reverse to its removal.



#### Caution


The retractable curtain is a decorative component, which can cover the trunk. To ensure your safety, do not place anything on it.



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## Starting the vehicle

### Vehicle power-on/power-off

Tap  [Vehicle Control] - [Body and Chassis] - [Door] on the navigation bar on the homepage of multimedia display screen in turn to enable [Automatic Unlocking/Locking].

**ON:** When the intelligent key is carried into the vehicle sensing range, the vehicle will be unlocked automatically. After the door is opened, the combination instrument and multimedia display screen will illuminate and the vehicle will be powered up.

**READY:** After carrying the intelligent key into the vehicle, depress the brake pedal and "READY" will be displayed on the combination instrument. At this time, the vehicle is in a drivable state. After placing the shift lever in D/R position, release the brake pedal to start driving.

**OFF:** After the vehicle is parked stably, press the P gear button to unfasten the driver's seat belt. The driver's seat is not occupied, all doors are closed, and the vehicle will be powered off automatically after being locked with the intelligent key. The vehicle can also be powered off after keeping away from the vehicle for a certain distance by locking the vehicle with the Bluetooth key or activating the automatic unlocking/locking function.



### Caution

- After the READY indicator lights up, the vehicle is in a driving state. Please ensure that the vehicle is in P or N gear when not driving.
- If the READY indicator flashes, it indicates that a door is not closed properly. Please check the door closing condition.
- The distance traveled by the vehicle is related to factors such as 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 are improved before driving. In this case, the vehicle cannot be started and the READY indicator will not illuminate. If the vehicle is used in an extremely low temperature environment, please park it in an indoor environment first.

- The discharging capacity of the traction battery will be greatly limited at extremely low temperature. In order to avoid difficulty in starting the vehicle after parking, please keep the traction battery high when parking the vehicle.
- Please confirm that the vehicle is successfully locked before leaving.

08

### Start failure of vehicle

If the emergency power-off mode has been exited and the brake pedal is depressed after the vehicle is powered on, the READY indicator light does not illuminate, indicating that there may be a power fault affecting the starting of the vehicle or the starting conditions are not met. Please check according to the prompts on the combination instrument.

1. If the combination instrument prompts "Battery power is low, please switch to READY" or the combination instrument cannot light up, it indicates that the 12V LV battery may have run out of power. Try to start the vehicle by jumper connection. See "Jump Starting" in Chapter X "Emergency Self-handling" for details.

2. If the combination instrument indicates "powertrain fault", please contact an authorized service station of Dongfeng Forthing in time.

### Emergency Start

When the vehicle records a DTC and the corresponding fault indicator on the combination instrument illuminates, the vehicle cannot be started. In this case, try to

use the emergency start mode.

1. Open the engine hood, unplug the negative cable of 12V LV battery and then plug it in 30s later.

2. If the corresponding fault indicator on the combination instrument disappears, depress the brake pedal and the READY indicator on the combination instrument will illuminate.

3. If the corresponding fault indicator light on the combination instrument does not disappear and the engine fails to start, please contact an Dongfeng Forthing authorized service station as soon as possible.

### Emergency Power-off

Press and hold the hazard warning light switch for more than 4s to turn off the power supply of the whole vehicle. After turning off the power supply of the whole vehicle in this way, press the lock button and unlock button on the intelligent key in turn or press and hold the hazard warning light switch for 4s again to exit the emergency power-off state.



### Caution

- In the process of pressing and holding the hazard warning light switch for emergency power-off, relevant prompts will pop up on the multimedia display screen. At this time, press and hold the hazard warning light switch for a period of time to turn off the power supply of the whole vehicle.
- The vehicle cannot be started before exiting the emergency power-off state. If the brake pedal is depressed, the vehicle will enter the low power consumption mode.
- In the emergency power-off state, the vehicle uses the 12V LV battery. Please close the door in time and exit the emergency power-off state as soon as possible to avoid running out of the 12V LV battery.

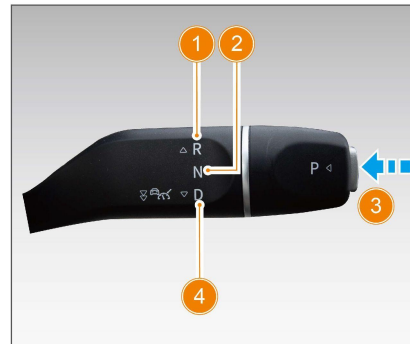
### Intelligent key low battery start

When the intelligent key battery is too low, you can use the mechanical key to open the door, put the intelligent key into the cup holder of the console, and start the vehicle while depressing the brake pedal.

### Gear shifting

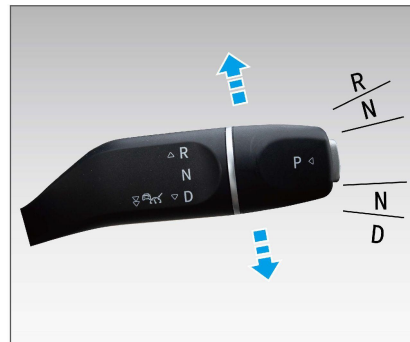


The shift lever is located on the right side of the steering wheel.



1. Gear R (Reverse)
2. Gear N (Neutral Gear)
3. Gear P (Parking Gear)
4. Gear D (Driving Gear)

The combination instrument will display the gear of the vehicle.



The gears are arranged from top to bottom in the order of R-N-D. Push the shift lever upward or downward in a direction parallel to the steering wheel to shift to R, N

and D positions. The shift lever will automatically return to its original position after each shift operation.

### Gears Introduction

#### Gear P (Parking Gear)

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

#### Gear D (Driving gear)

After the vehicle is started (the combination instrument displays "READY"), use this gear to drive forward.

#### Gear R (Reverse)

After the vehicle is started, use this gear when reversing. Be sure to stop the vehicle completely before shifting to R position.

#### Gear N (Neutral Gear)

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

### Driving operation

#### Shift to P position

Press the brake pedal, and press the "P" gear button after the vehicle has come to a complete stop.

#### Shift to R gear

Depress the brake pedal, and push the shift lever upward to R position.

#### Shift to N gear

Depress the brake pedal, and push the shift lever upward or downward to N position and hold it for about 1s.

#### Shift to D gear

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

### Description of gear shifting conditions

1. When the vehicle is not started, it can only be shifted between P and N.

2. To disengage from P gear, the driver side door shall be closed or the driver seat belt shall be fastened. Depress the brake

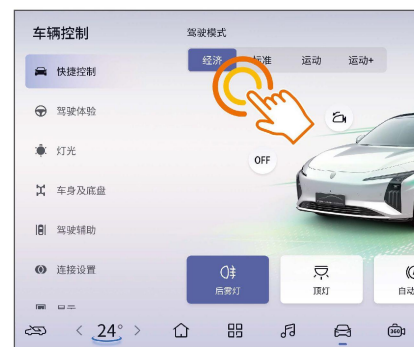
pedal and operate the shift lever at the same time to disengage from P gear and enter other gears.


3. The combination instrument shall display "READY" when the R or D gear is engaged. Depress the brake pedal and operate the shift lever at the same time to engage the R or D gear.

4. When the actual gear is D or R, operate the shift lever to switch to N and hold it there for about 1s before switching to N.

### Driving mode switch

The vehicle has four driving modes: ECO, STANDARD, SPORT and SPORT+.



Tap  [Vehicle Control] - [Shortcut Control] - [Driving Mode] in the navigation bar on the homepage of the multimedia display screen to select.

You can also select through the multimedia display screen: [Vehicle Control] - [Driving Experience] - [Driving Mode].

When the vehicle is started, the driving mode defaults to economical mode.

#### Economy mode (ECO)

Press the [ECO] button on the multimedia display screen to allow the vehicle to enter the ECO mode. In this mode, the vehicle power performance will decrease, the A/C power will be limited and the endurance mileage will increase. In this case, the vehicle runs in a relatively economical and energy-saving state.

#### Normal mode (Normal)

Press the [Standard] button on the

multimedia display screen, and the vehicle will enter the Normal mode. This mode takes into account the balance between energy consumption and power to obtain driving comfort.

### Sport mode (SPORT)

Press the [SPORT] button on the multimedia display screen to allow the vehicle to enter the SPORT mode. In this mode, the vehicle power performance is maximized, the A/C power will not be limited, and the endurance mileage will decrease slightly.

### Sport + mode (SPORT+)

Press the [SPORT+] button on the multimedia display screen to allow the vehicle to enter SPORT+ mode, in which the acceleration response and performance release of the vehicle are the fastest.

### Energy recovery

#### Coasting energy recovery



Tap [Vehicle Control] - [Shortcut Control] / [Driving Experience] - [Coasting Energy Recovery] on the navigation bar on the homepage of multimedia display screen in turn to set coasting energy recovery as one of three gears: None, Comfortable and Strong according to driving habits. This gear can be memorized automatically.

With the coasting energy recovery set in the [None] gear, the vehicle has a weak sense of dragging during coasting; with the [Stronger] gear, the vehicle has a strong sense of dragging during coasting.

### Limp mode

When some specific faults occur to the vehicle, the power of the vehicle will be

limited, the limp mode indicator on the combination instrument will illuminate, and the maximum speed of the vehicle will decrease.

### Start-up requirements

1. Do not continue to start after several startup failures. Please contact a Dongfeng Forthing authorized 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. If the power drops during driving, please contact a Dongfeng Forthing authorized service station as soon as possible.

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

5. Make sure that the combination instrument has no fault alarm signal before driving.

6. When the combination instrument indicates that the traction battery is low, do not drive for a long distance and charge it as soon as possible.

### Parking

Depress the brake pedal. After the vehicle stops stably, press the P button to complete manual parking.

### Noise and vibration

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

The following noises and vibrations are normal:

1. Noise of drive motor and transmission system during operation.

2. Noise and vibration caused by relay switching when starting and shutting down the high-voltage system.

3. The working sound of the audible

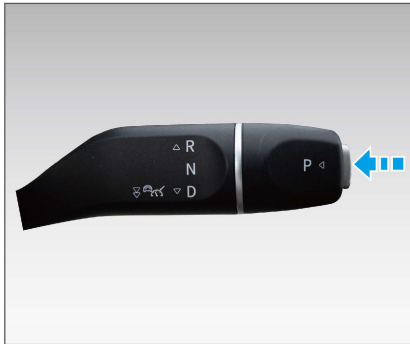


warning system when pedestrians approach the vehicle at low speed.

4. Noise of coolant pump and radiator fan during charging.

## Parking brake

### Electrical parking brake (EPB)



The EPB switch is integrated to P position. After the vehicle has stopped stably, the driver can press the "P" button to park the vehicle reliably.

### Manual Activation and Deactivation of EPB

**Activation:** After the vehicle is parked stably, press the P button to complete manual parking and turn on the parking status (P) indicator.

**Release:** Depress the brake pedal and pull the shift lever to other gears (not P gear) at the same time, the parking function is released, and the parking status (P) indicator goes out.

### CDP Dynamic Braking Function

Press and hold the P button during driving to activate the CDP dynamic braking function. CDP will dynamically adjust according to the change of vehicle state and provide appropriate braking force. Release the P button to exit CDP dynamic braking function.



### Caution

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

cause the button to get stuck.

## AUTO HOLD

The AUTO HOLD function helps the driver to start the vehicle more comfortably on the slope section or at a traffic light intersection. This function can be activated or deactivated on the multimedia display screen. After the function is activated, the system will continue to brake when the driver releases the brake pedal at the hill start or traffic light intersection.

### Turn-on conditions of AUTO HOLD

1. Vehicle startup.
2. The driver has fastened the seat belt.
3. All doors of the vehicle are closed.

### Turn on AUTO HOLD function



1. Tap [Vehicle Control] - [Driving Experience] - [Auto Hold] on the navigation bar on the homepage of multimedia display screen in turn to enable or disable the AUTO HOLD function. When the switch is turned on, the AUTO HOLD ON indicator on the combination instrument will illuminate.

2. If the AUTO HOLD function is turned on while driving, when the driver depresses the brake pedal to stop the vehicle, the vehicle will automatically park and the automatic parking activation indicator on the instrument cluster will light up. At this time, the driver can release the brake pedal.

3. When starting the vehicle, whether on a flat road or uphill or downhill, you need to depress the accelerator pedal to automatically release the parking brake. Otherwise, the vehicle may fail to start.

### Turn off AUTO HOLD function

1. After the AUTO HOLD function is turned off on the multimedia display screen, the automatic parking activation indicator on the combination instrument goes out.

2. If the driver's door is opened, the driver's seat belt is released or the vehicle is powered off, AUTO HOLD function will exit automatically and change to EPB parking mode to ensure parking safety.



#### Caution

- When the ESP activation/malfunction indicator illuminates, AUTO HOLD function synchronization is disabled.
- 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 the slip of wheels in their rotation direction by properly braking the driving wheel during driving.

### Brake Assist System

#### Brake Assist (BA) system

The driver can brake in time in most dangerous situations, but the force to depress the brake pedal is insufficient, resulting in an increase in braking distance. For vehicles with a BA system, the BA brake assist system will be activated when the brake pedal is pressed quickly while the vehicle is driving. At this time, the BA system will generate a braking force greater than that during normal braking, so as to shorten the braking distance and assist the driver in braking.

#### Braking priority

The braking priority system can automatically reduce the driving force of the vehicle to zero when it detects that the driver attempts to apply braking but fails.

### Anti-lock Brake System (ABS)

#### Working Principle

The ABS system controls the brake of the vehicle, and adjusts the braking force by

detecting the speed of each wheel to prevent wheel locking and sideslip. While the vehicle is braking, you can still use the steering wheel to steer.

#### System self-check

The ABS system has built-in self-inspection function. When the vehicle is started and running at a low speed, the system will carry out self-inspection. In case of any fault, the self-inspection function will turn off the ABS system and illuminate the ABS system fault warning light on the combination instrument. At this time, the brake system works normally, but the ABS system does not work. If the ABS system fault warning light illuminates during self-test or driving, please contact an authorized service station of Dongfeng Forthing.

#### Normal work

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



#### Caution

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

### Electronic Brakeforce Distribution (EBD) System


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

## Electronic stability control (ESC) system

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

### Function activated



Tap  [Vehicle Control] - [Driving Experience] - [ESC OFF] switches on the navigation bar on the homepage of multimedia display screen in turn to enable or disable the ESC function. When the switch is turned on, ESC function will be deactivated and the electronic stability program OFF indicator on the combination instrument will illuminate. When the switch is turned off, ESC function will be activated and the electronic stability program OFF indicator on the combination instrument will go out. The ESC function is enabled by default.

After the ESC function is deactivated, when the vehicle speed exceeds 80 km/h, the function will be activated automatically and the ESC OFF indicator on the combination instrument will go out.



### Caution

- The ESC system does not work when the vehicle is in P position.
- If wheels, rims and brake related components not recommended by Dongfeng Forthing are used, the ESC system may not work normally and the electronic stability program malfunction indicator light may

illuminate.

- Do not refit the suspension.
- Try to avoid driving on very inclined roads.
- The ESC system cannot replace the use of winter tires or tire slip prevention on snowy roads.
- The ESC system cannot prevent accidents caused by sudden steering at a high speed or dangerous driving techniques.
- The ESC can help control the stability and driving force of the vehicle. Do not turn it off unless necessary.

### Hill Hold Control (HHC)

When the vehicle starts on a steep or smooth slope and the driver switches from the brake pedal to the accelerator pedal, the vehicle may slide downward, resulting in difficulty in starting. To prevent this, the HHC system will apply braking force to four wheels for a short time (about 2 seconds) to prevent the vehicle from sliding down.



### Warning

- Do not rely solely on the HHC system to prevent the vehicle from sliding down a ramp.
- When parking the vehicle on a steep slope, icy and muddy road, depress the brake pedal to prevent the vehicle from sliding backward.

The HHC system will work automatically under the following conditions:

1. The gear is in D or R position and the vehicle is going uphill.
2. Depress the brake pedal, and the vehicle stops completely on the slope.

The HHC system will not work under the following conditions:

1. The gear is in N or P position, or the vehicle is on a horizontal road.
2. The ESC system is turned off or has


a fault.

### Hill Decent Control (HDC) system

The HDC system allows the driver to smoothly pass through a steep downhill section without depressing the brake pedal.

#### Function activated



Tap  [Vehicle Control] - [Driving Experience] - [Hill Decent Control] on the navigation bar on the homepage of multimedia display screen in sequence to turn on or off HDC system.

The HDC system activation indicator on the combination instrument illuminates, indicating that the HDC system is activated. When the HDC switch is pressed again or the vehicle speed exceeds 60 km/h, the HDC activation indicator will go out and the HDC system will be turned off.

#### HDC braking

When the vehicle is going downhill on a steep slope, the system will actively brake when the HDC system is turned on, so as to keep the vehicle speed within the range of 8 km/h to 35 km/h. The driver can depress the brake pedal or accelerator pedal to adjust the speed to be maintained when using the HDC function to go downhill within this speed range.


When the HDC system performs active braking, the HDC system activation indicator on the combination instrument flashes and the vehicle brake light will illuminate. At the same time, the ESC system of the vehicle will make a sound when the motor works, which is normal.

- Before using the HDC function, the driver needs to confirm that the system is activated.
- The hill descent control function only assists the driver in controlling the vehicle speed by depressing the brake pedal or accelerator pedal, and the driver should pay attention to controlling the vehicle at any time to ensure driving safety.

### Brake pedal force adjustment

The driver can select his/her preferred pedal force mode on the pedal force interface of the multimedia display screen.



Tap  [Vehicle Control] - [Driving Experience] - [Brake Pedal Force Adjustment] on the navigation bar on the homepage of multimedia display screen in turn to select three different modes: Comfort, Standard and Sport. After the vehicle is restarted, the brake pedal force will remember the last set state.

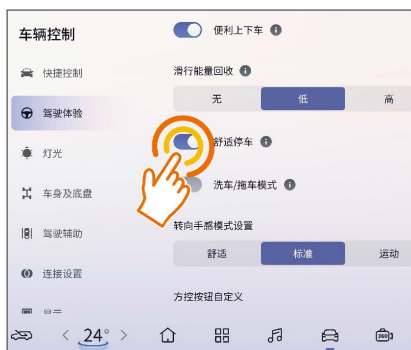
### Comfort Stop System (CST)


In the process of braking on a flat and horizontal road, the CST system can appropriately reduce the braking pressure before the vehicle stops, so that the vehicle can be parked smoothly and the pitch jitter during parking can be reduced, thus improving the braking comfort.



**Warning**





Tap  [Vehicle Control] - [Driving Experience] - [Comfortable Parking] on the navigation bar on the homepage of multimedia display screen in turn to turn on or off CST system. After the vehicle is restarted, the CST system will remember the last setting state.

### Wire control brake system

The wire control brake system can detect the driver's braking intention and thus 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.
- On a bumpy, potholed or sloped road.
- The brake pedal is depressed too lightly or the braking force is excessive.
- The steering wheel 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 not stable or the driver's braking intention is not gentle.
- Wire control brake system fault.

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

- When the vehicle is powered on, a short "buzz" sound will be produced. This is the self-inspection sound of the wire control brake system and it is normal.

- When the vehicle accelerates to about 15km/h, it will also produce a short "buzz" sound, which is the sound of ABS self-inspection and is a normal phenomenon.
- The wire control brake system will also produce sound during normal work, which is mainly reflected in the following aspects:

1. Action sound of motor, solenoid valve and pump in the wire control brake system.


2. Sound caused by rebound of brake pedal.

3. After the vehicle is started, the wire control brake system will conduct self-inspection. During self-inspection, it is normal to hear a "tick-tack" sound when depressing the brake pedal.

### Electric power steering

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



Tap  [Vehicle Control] - [Driving Experience] - [Steering Hand Feel Mode Setting] on the navigation bar of the homepage of the multimedia display screen in turn to select steering modes, including comfort mode, standard mode and sport mode.

Standard: The steering power is moderate and suitable for general driving habits.

Comfort: Increased steering power and light hand feeling during steering. This item is the default state.



Movement: Reduced steering power and stable hand feeling during steering.



### Caution

- When the steering wheel is turned quickly, friction sound may be heard, which is not a fault. If the power steering system fault warning light illuminates after the vehicle is started, it indicates that the steering power is abnormal. At this time, turning the steering wheel requires more force. Please slow down and park the vehicle safely on the roadside as soon as possible. Restart the vehicle after turning off the power supply for a period of time. If the fault warning light no longer illuminates, the vehicle can run normally. If it still illuminates, please drive safely and contact the authorized service station of Dongfeng Forthing as soon as possible.
- Please select the steering mode when the vehicle is stationary and no steering operation is performed.
- During parking or driving at a very low speed, if the steering wheel is repeatedly and continuously turned or turned to the end for a long time, the electric power steering system will be overheated, and the power of the steering motor will decrease or even fail to provide power temporarily. In order to avoid this situation, don't do similar operations.

## Suggestions for driving

### Precautions for safety driving

In case of a serious traffic accident or severe front, side and rear collisions, immediately press the hazard warning light switch for more than 4 seconds to turn off the power supply of the vehicle. Get off the vehicle and contact an authorized service station of Dongfeng Forthing.

Avoid driving the vehicle through road sections with pits, many big stones, potholes and excessively high buffer zones as far as possible, and avoid wading to

prevent the battery pack from being soaked in water. In case of any abnormality, first ensure personnel safety, press and hold the hazard warning light switch to power off the vehicle, and contact an Dongfeng Forthing Exclusive Sales Service Station.

### Driving at night

Driving at night is more dangerous than driving at daytime, mainly because of poor night vision and fatigue of drivers. Please pay attention to the following matters when driving at night:

1. Never drive while under the influence of alcohol.
2. Adjust the position of interior rearview mirror to reduce glare.
3. Keep a longer distance from the vehicle ahead.
4. Drive carefully and be careful of animals.
5. Drive at a low speed.
6. Pay attention to the dazzling light of the meeting lights. Slow down to avoid looking directly at the headlights of the oncoming vehicle.
7. Do not drive when you are tired. If you feel sleepy, stop the vehicle at a safe place on the roadside in time to rest.
8. Keep all glass clean and tidy to avoid dazzling lights and blocking sight.

### Driving under the influence

Never drive while under the influence. Driving under the influence is very dangerous, and even a small amount of alcohol can affect people's reaction, perception, attention and judgment. Driving under the influence can lead not only to accidents but also serious personal injuries. The traffic department will impose corresponding penalties on driving under the influence in accordance with the provisions of the Road Traffic Safety Law.

### Driving through Water

Do not drive the vehicle on roads with deep water. Driving the vehicle through water can easily cause faults or damages to the

driving motor and electrical devices, resulting in reduced braking performance.



### Caution

- The braking effect may be affected and the braking distance may be prolonged when the vehicle passes through waterlogged or muddy roads, which may cause accidents!
- When driving through water, some components of the vehicle such as drive motor and electrical devices may be damaged.
- Avoid rapid acceleration or emergency braking immediately after driving through water.
- Avoid driving on a road with more water accumulation as far as possible. After driving on a road with more water accumulation, it is recommended to drive the vehicle to an authorized service station of Dongfeng Forthing for a comprehensive inspection to eliminate hidden dangers and ensure driving safety.
- The waves caused by the opposite vehicle may exceed the allowable water height of this vehicle.
- There may be ponding, mud pits or stones hidden in the water, which will make it more difficult for or hinder wading.

### Long-distance driving

Before long-distance driving, please make sure that relevant preparations are made and try to have a good rest.

Please check the following components of the vehicle before traveling:

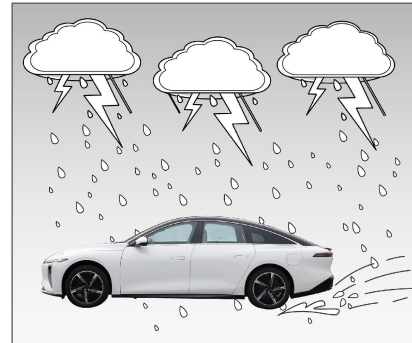
1. Check whether the washer fluid reservoir is full and whether the inside and outside of all windows are cleaned.
2. Check whether the fluid reaches the specified level.
3. Check whether all the lights work

normally.

4. Check whether the light surface is clean.

5. Check whether the tire tread pattern is suitable for long-distance driving and whether all tires have been inflated to the recommended air pressure value.

### Driving on rainy and slippery roads



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

1. Heavy rain will deteriorate the sight and increase the braking distance, so please slow down.

2. Check the wiper frequently. If there are stripes or missing wiping areas on the front windshield, please replace the wiper blade in time.

3. If the tires of the vehicle are in poor condition, braking on a slippery road may cause the vehicle to slip or even cause an accident. Therefore, please ensure that the tires of the vehicle are in good condition.

4. Turn on the vehicle headlight and hazard warning light.

5. Please 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 depress the brake pedal suddenly to avoid accidents.

8. After driving through water, slowly depress the brake pedal to dry the brake when driving at a low speed.

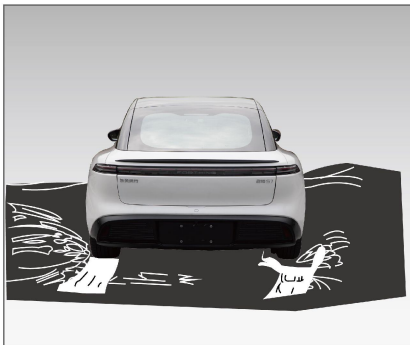
### Driving on slopes and mountainous roads



When driving on slopes and mountainous roads:

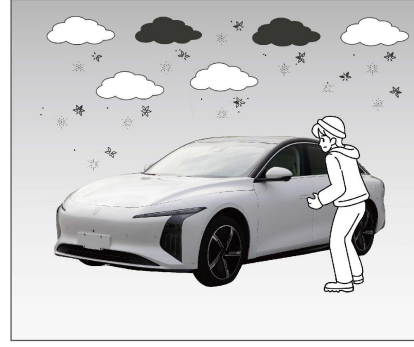
1. Please keep the vehicle in good condition.
2. Pay special attention when going uphill and passing over the top of the slope, as there may be obstacles in your lane.
3. Special warning signs may be seen on mountainous roads. Please pay attention to these signals and take appropriate measures when driving.

### Driving on icy and snowy road



1. When driving in snow, use snow tires as much as possible. Please select snow tires of the same size and model as those originally assembled.
2. When driving in snow, high speed, rapid acceleration, emergency braking and small angle turning are very dangerous and should be avoided as much as possible.
3. When driving on icy ground, emergency braking will cause the vehicle to drift. Please keep a safe distance.

### Driving in winter



Harsh driving environment in winter will increase vehicle wear or cause vehicle failure. The probability of failure can be reduced by referring to the following recommendations:

1. Check the coolant specifications to confirm that the freezing point is suitable for the expected winter temperature. At present, the freezing point of coolant produced by Dongfeng Liuzhou Motor Co., Ltd. is  $-35^{\circ}\text{C}$ , and the lowest freezing point of low-temperature coolant is  $-45^{\circ}\text{C}$  (model OAT-45). If it does not meet the requirements, replace with qualified coolant.

2. Check the wiper to ensure that the wiper blade can wipe freely.

3. Carry appropriate emergency equipment according to weather changes.

## Parking assist system

### Brief Introduction

The parking assist system can assist the driver to observe and perceive the surrounding environment during low-speed driving or parking, and provide the driver with visual and audible prompts or warnings when there are obstacles hindering driving or parking.

The main functions of the parking assist system include:

1. Parking radar system.
2. Reversing image.
3.  $360^{\circ}$  panoramic view system

### Parking radar system

The parking radar system can detect obstacles around the vehicle when the vehicle is running at a low speed and give a

warning when the vehicle is approaching obstacles to assist the driver in ensuring reversing safety.

According to different configurations, the parking assist system radar sensors are divided into two categories:

#### Type I

Four radar sensors in the rear.

#### Type II

Four radar sensors in front and four in rear.

When the parking assist system is activated, the system will automatically detect whether the function is normal. If the system buzzer sounds once for 3 seconds, it indicates that the system is faulty. Please contact an authorized service station of Dongfeng Forthing.

#### Front radar\*

##### ON

When the vehicle is powered on, the front radar system is in the state set after the vehicle power was turned off last time.

The front radar system can be turned on when the following operations are met simultaneously:

1. The shift lever is not in P position.
2. The speed is not greater than 15 km/h after starting or the vehicle decelerates from a higher speed to 10 km/h during driving.

##### Close

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

1. Power off the vehicle
2. Press the Gear P button.
3. Vehicle speed exceeds 15km/h.

#### Reverse radar

##### ON/OFF

With the vehicle powered up, when the shift lever is shifted to R position, the reversing radar will be turned on automatically; after the gearshift lever is disengaged from R position, the system will

be turned off automatically.

#### Detection range

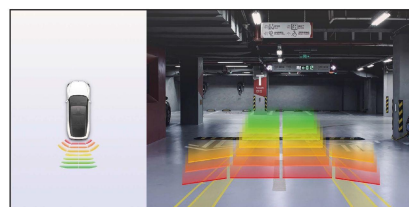
The detection range of the parking assist system radar sensor is shown in the table below:

Sensor Position	Maximum detection distance (cm)
Both rear sides	60±10
Rear middle	150±10
Both front sides	60±10
Front middle	120±10

#### Alarm type

When an obstacle is detected within the detection range of parking radar, an alarm will be displayed on the multimedia display screen and an audible alarm will be given. The closer the vehicle is to an obstacle, the quicker the alarm sound will be. When the vehicle is about to collide with an obstacle, the alarm will sound for a long time. At this moment, do not continue driving to avoid collision. The reversing image interface, 360° panoramic view interface and tracking reverse interface are displayed in corresponding color according to the distance from the obstacle.

#### Type I



On the reversing image interface, there are alarms from 4 rear radar sensors.

#### Type II



On the panoramic view interface, there are 4 radar sensors at the front and rear



respectively for alarm.

### Homepage of the Multimedia Display Screen



On the homepage of the multimedia display screen, there are 4 radar sensors at the front and rear respectively for alarm.

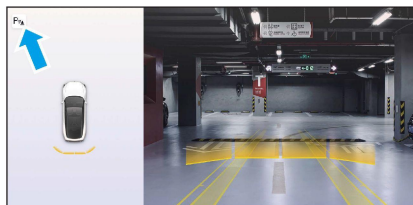
### Fault display

#### Radar fault display



When a warning sign is displayed at the position of the radar sensor, it indicates that the radar sensor fails. A single radar sensor in front of the vehicle fails, and the other sensors in front do not work. A single radar sensor behind the vehicle fails, and the other sensors behind do not work. In case of the above situation, please contact an authorized service station of Dongfeng Forthing in time.

### Radar control



The radar can be turned on or off by tapping the radar control button on the reversing image interface, panoramic view interface or homepage of multimedia display screen.

### Conditions in which the system may not work

Due to the characteristics of objects, location, angle, size, material or places with complex background, etc., the system may not work or give false alarms. The

following conditions will cause detection failure or poor detection:

1. Objects such as wire mesh and steel rope.
2. The vehicle is running in bushes or on a bumpy road.
3. Cotton or sound-absorbing materials on the surface.
4. Foreign matters attached to the sensor surface.
5. Ultrasonic noise, metallic sound and high-pressure gas emission sound of the same frequency.
6. The non-standard wireless communication devices installed in the vehicle may 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 Dongfeng Forthing is not responsible for accidents caused by the driver's negligence.
- As the parking assist system has a blind spot, please do not use it as the only evidence for reversing safety. The driver shall be responsible for driving safety.

### Reversing image



The reversing image collects images through the camera installed behind the

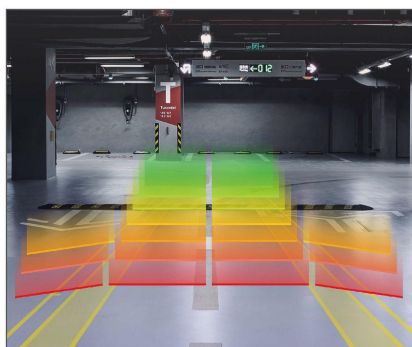


vehicle, which is convenient for the driver to check the obstacles behind in time when reversing.

#### Function on/off

With the vehicle powered up, when the shift lever is shifted to R position, the reversing image will be turned on automatically; after the gearshift lever is disengaged from R position, the system will be turned off automatically.

#### Reversing auxiliary line



#### Description of reversing auxiliary line:

Red: It indicates the distance of about 0.3m behind the vehicle.

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

Green: It indicates the distance of about 1.5m behind the vehicle.

#### Width of auxiliary line:

It indicates the maximum distance between the exterior rearview mirrors on both sides plus 7 cm.

The reversing auxiliary line can assist the driver in judging the reversing track, which can only be activated after the steering wheel is turned to a certain angle.



#### Caution

- The spoke line is only for reference and cannot be used as the basis for judging the actual distance and driving track of the vehicle. Please pay attention to the surrounding environment and drive safely when parking the vehicle.
- The camera is similar to the human eye

as it has limited visibility in environments such as dusk, night, dawn, snow, rain, and fog. The reversing image is mainly used for driving assistance, and the driver always has the responsibility to keep a distance from any obstacle.

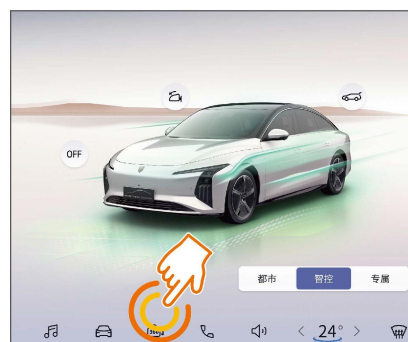
- The dirty camera will affect the use of the system. Please clean it up in time.
- When the weather is harsh and the light is insufficient, the system cannot be used normally.
- The camera will enlarge and distort the image with a short delay, so the surround view function cannot replace the driver's operation and judgment. Please always pay attention to the safety around the vehicle during use.
- There will be a certain error between the amplitude line and the radar wave distance and the actual distance. Please pay attention to the safety around the vehicle when parking the vehicle.

#### 360° panoramic view

The panoramic view can be spliced with images from four cameras at the front, rear, left and right of the vehicle to form an aerial view on the multimedia display screen. It is used together with the reversing radar to make it safer and more convenient to park the vehicle.

#### Function on/off

#### Panoramic view ON



With the vehicle powered on and the speed  $\leq 30$  km/h, the panoramic view monitor function can be activated in any of

the following ways:

1. When the vehicle is powered on and the speed is not higher than 30 km/h, tap the 360° panoramic view icon at the bottom of the homepage of the multimedia display screen or open the panoramic view interface through the App Center.



2. On the panoramic view setting interface, [Turn Signal light Entry] can be turned on. When the driver turns the steering wheel leftward or rightward, the panoramic view will automatically turn on.

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

4. Voice On.

### Panoramic view is off

Perform any of the following operations to exit the panoramic view interface:

1. Press the [X] button on the multimedia display screen interface.

2. Shift from R gear to P gear, with a delay of 5s.

3. The R gear is switched to D gear and the vehicle speed is greater than 30 km/h.

4. The turn signal returns to the center.

5. Vehicle speed > 30 km/h

6. Press the panoramic view button on the steering wheel.

7. Voice exit.

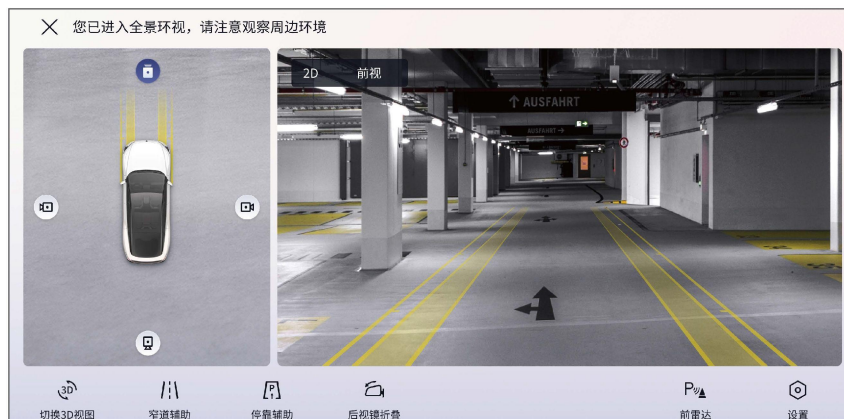


### Caution

When the vehicle decelerates from a high speed, the panoramic view monitor function can be turned on again only after the vehicle speed is reduced to 25 km/h.

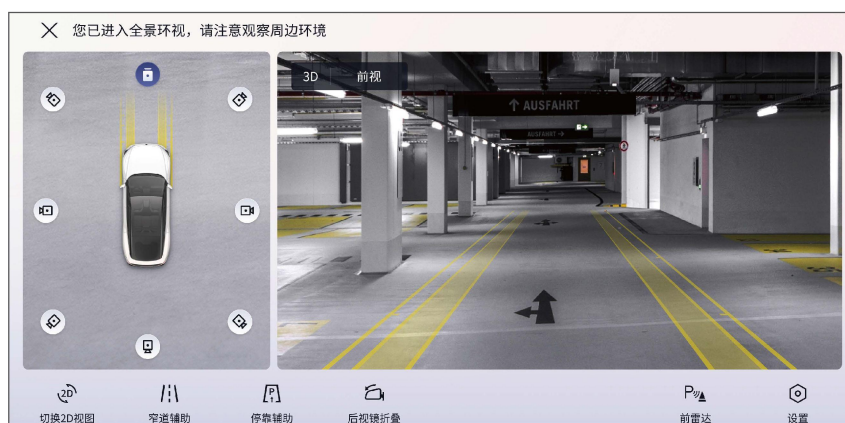
### Description of panoramic view function

#### 2D view



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

#### 3D View



Press any position of the splicing view to display icons of front, rear, left, right, front left, rear left, front right and rear right. Press it to switch the corresponding view (the icon will be automatically folded if there is no operation for 5s).

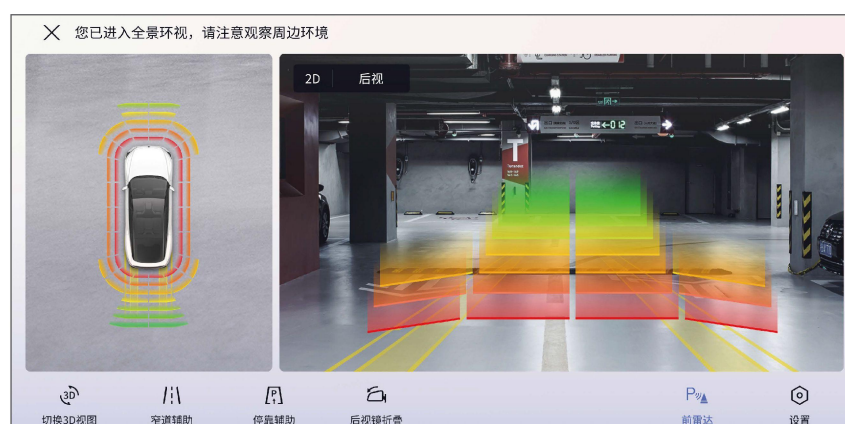
### Setting



08

Tap [Settings] to enable and disable functions such as transparent vehicle body, radar close-up and turn signal entry in the settings. The initialization of transparent body setting is turned off by default, the initialization of radar close-up and turn signal entering setting are turned on by default, both of which have memory function.

### Dynamic auxiliary line



There are auxiliary lines in the 2D front and rear single view (left) and splicing view (right). The auxiliary lines switch between the front and rear directions with the switching between D gear and R gear. The actual length indicated by the auxiliary lines is 5m.

## Comfortable driving

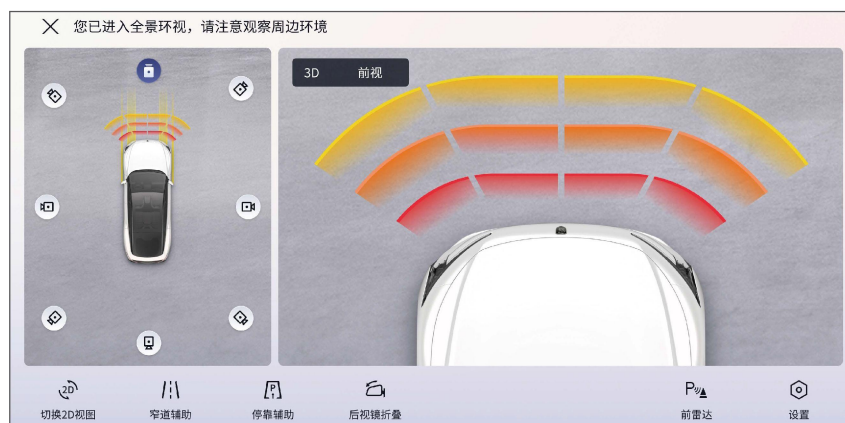
The width of the outer layer is the longest distance between the exterior rearview mirrors on both sides plus 7 cm. The inner width is the wheel width.

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

### Warning

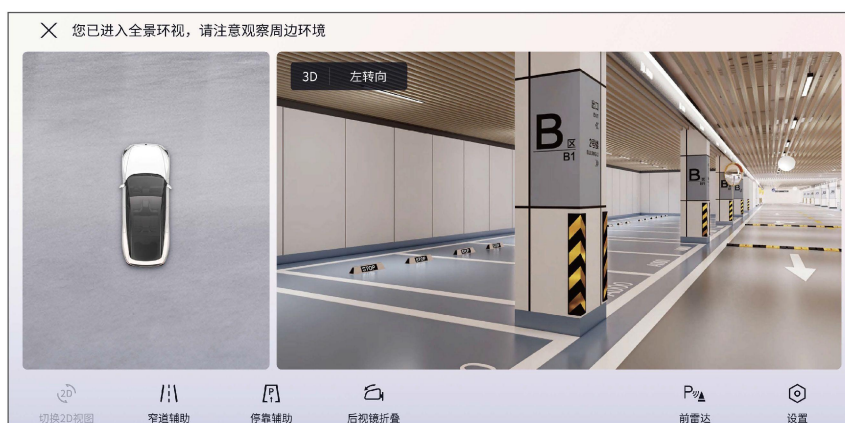
The auxiliary line is only for reference and cannot be used as the basis for judging the actual distance and driving track of the vehicle. Please pay attention to the surrounding environment of the vehicle and drive safely when parking the vehicle.

## Radar obstacle board display



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

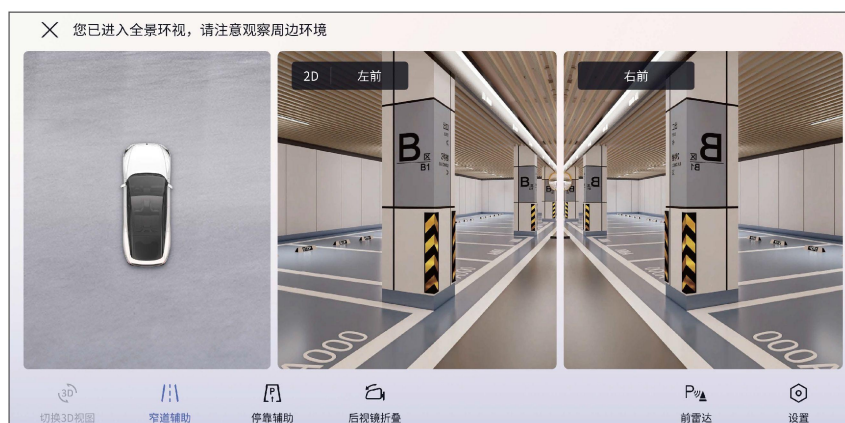
## Steering view



When the turn signal light entering switch is turned on (the shift lever is not at R position), the left/right turn signal light will be turned on to enter the corresponding left/right turning angle. After the light and wiper control handle is set right, the panoramic view interface will be exited with a delay of 1s.

## Narrow road assist





Tap the narrow road assist button below the panoramic view interface to display the narrow road auxiliary view, showing the actual front left and right images of the vehicle.

### Parking assistance



Tap the parking assistance button below the panoramic view interface to display the parking assistance view, which displays the actual images of the left and right wheels of the vehicle.



### Caution

- The spoke line is only for reference and cannot be used as the basis for judging the actual distance and driving track of the vehicle. Please pay attention to the surrounding environment and drive safely when parking the vehicle.
- The camera is similar to the human eye and has a limited ability to see objects in environments such as dusk, night, dawn, snow, rain and fog. The panoramic view is mainly used for driving assistance, and the driver always has the responsibility to keep a distance from any obstacle.
- The camera will enlarge and distort the image with a short delay. All functions of the parking assist system (radar and image) of the vehicle cannot replace the driver's operation and judgment. Please always pay attention to the safety around the vehicle during use.
- The panoramic view is only used to splice the ground images. For objects with a certain height, there will be blind spots in the air. When parking the vehicle, be sure to pay attention to young children, concrete columns and other objects around the vehicle.
- There will be a certain error between the auxiliary line and the radar wave distance and the actual distance. Please pay attention to the safety around the vehicle when parking the vehicle.





## Comfortable driving

- The dirty camera will affect the use of the system. Please clean it up in time.
- When the weather is harsh and the light is insufficient, the system cannot be used normally.

## Driver assistance\*

### Brief 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-rear driver assistance.

### FCA\*

Forward collision-avoidance assist includes forward collision warning (FCW) system and automatic emergency braking (AEB) system. During driving, it provides alarm prompt and brake assist for the driver when there is a risk of collision in front of the vehicle.

### Switch settings



Tap  [Vehicle Control] - [Driving Assistance] - [Forward Assist] - [Forward Collision Assist] on the homepage navigation bar of the multimedia display screen to turn on or off forward collision assist. The function is turned on by default.



Select the alarm timing to set the alarm sensitivity. Advance, normal, and delayed options are supported. The alarm timing defaults to normal.

When this function fails, the forward collision assist system fault warning light on the combination instrument will illuminate; when the function is disabled, the forward collision assist system off indicator on the combination instrument interface will illuminate.

### Forward collision warning system (FCW)

When the vehicle is running, if it is detected that the vehicle, cyclist or pedestrian ahead is too close to the vehicle, the FCW system will remind the driver to pay attention visually and audibly.

### Function activated

When the forward collision assist switch is turned on, the function will be activated when the vehicle speed is greater than or equal to 8 km/h to monitor the condition in front of the vehicle in real time.

### Function triggering



When FCW is triggered, the front of the driving interface of the combination instrument turns red, and the text prompts [Danger Ahead, Please Be Careful]

accompanied by medium-high frequency alarm sound.

### **Warning**

The following operations may cause the FCW not to issue an alarm, including but not limited to:

- When the driver is already braking.
- The driver depresses the accelerator pedal deeply or sharply.
- The driver turns the steering wheel suddenly.

### Automatic Emergency Braking System (AEB)

When the vehicle is running, if it is detected that the front vehicle, cyclist or pedestrian is about to collide with this vehicle, AEB system will automatically perform emergency braking to avoid collision or reduce injuries caused by collision.

#### Function activated

The forward collision assist function switch is turned on, and the condition in front of the vehicle is monitored in real time when the vehicle speed is within 8~85 km/h. AEB will be triggered when a collision is imminent.

#### Function triggering

When AEB is triggered, the vehicle speed will be reduced by 60 km/h at most. If AEB is triggered at a vehicle speed of 80 km/h, the braking will end after the vehicle speed drops to 20 km/h.

#### Feature limitation

The AEB system may be restricted 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 dim, such as dawn, dusk, night and tunnel with reduced identification ability.
4. The brightness of the surrounding environment changes suddenly, such as at

tunnel entrance or exit.

5. Large shadows cast by buildings, landscapes or large vehicles.

6. The camera is exposed to oblique sunlight or direct light.

7. Severe weather such as rain, snow, fog and haze.

8. Exhaust, water spray, snow or dust raised by the vehicle ahead.

9. The windshield in front of the camera has water, dust, micro-scratches, grease, dirt, wipers, freezing, snowfall, etc.

10. Wet pavement.

11. Camera out of focus or fault.

The AEB system may not recognize the following targets, including but not limited to:

1. Oncoming vehicles.
2. Side-crossing vehicles.
3. Animals.
4. Traffic lights.
5. Walls.
6. Barricades (cones, etc.).
7. Other non-vehicle objects.

### **Warning**

The AEB system will not be able to brake or stop braking when any of the following inhibition conditions is met, including but not limited to:

- The driver depresses the accelerator pedal deeply or sharply.
- The driver turns the steering wheel violently.
- The driver does not fasten the seat belt.
- The driver's door is not closed.
- AEB cannot be triggered again within about 20s after being triggered.
- No vehicle, cyclist or pedestrian is detected ahead.
- In the process of automatic emergency braking, the brake pedal will move downward automatically and rapidly. Do not place any object around the

pedal to avoid affecting its free movement.

- AEB cannot replace the function of maintaining a safe driving distance from vehicles, cyclists and pedestrians ahead. Please avoid being too close to vehicles, cyclists or pedestrians in front of you or driving violently.
- Automatic emergency braking is only used to mitigate the impact of a frontal collision. When the vehicle is in the reverse gear, AEB does not work.
- Forward collision assist is for reference only and cannot replace your attention and judgment. Forward collision assist is only a driving assistance 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 improper or delay due to several factors.
- After the forward collision assist function switch is turned off, the vehicle will not give early warning of possible collision risk. It is strongly suggested that you should not turn off this function. To ensure your driving safety, this function will be activated each time the vehicle is restarted.
- You must always pay attention to the traffic conditions and road environment. Do not rely on the judgment of forward collision assist. Otherwise, personal injury or vehicle damage may be caused. For safety reasons, do not deliberately drive to vehicles, cyclists or pedestrians actively to test the forward collision assistance function. If you find a danger, do not wait for the FCW to be triggered before taking action. You shall bear the ultimate responsibility for safe driving all the times and abide by prevailing traffic laws and regulations.
- Forward collision assist can only

identify licensed and legal vehicles driving on the road, 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 is seriously damaged.

- Forward collision assist can identify unobstructed adults of normal height, but cannot detect pedestrians in all cases. For example, pedestrians who are partially blocked, whose body shape cannot be recognized by their clothes, who are too short or too high, carry large objects, and have poor contrast.



### Caution

- FCA can identify cyclists with clear and complete body contours, main features and bicycle contours, but it cannot detect them in all cases, such as when the bicycle is running fast, or when the characteristics of cyclists or bicycles are covered by clothes or other objects, resulting in unobvious contours.
- FCA cannot identify vehicles coming from the opposite direction and crossing vehicles ahead, so it will not trigger alarm prompt or automatic emergency braking. In complex traffic situations, the FCA system may not identify the vehicle in time, resulting in lagging alarm prompts.
- The response capability of forward collision assist is limited, and the alarm prompt and automatic braking may not be triggered in time. For example, when a vehicle ahead forcibly enters the driving lane under extreme working conditions or a pedestrian suddenly enters the driving lane, it may not be able to give an alarm in time.


- The recognition function of the FCA system requires sufficient contrast between pedestrians and the environmental background, and too bright or too dark light has a negative impact on the system. If the pedestrian is detected or cannot be detected at all due to pedestrian posture or environmental impact, the alarm prompt will also be delayed or cannot be activated.

### Lane departure assist\*

Lane departure assist (LDA) includes lane departure correction and lane departure warning. During driving, it provides steering assistance and alarm prompt for the driver when the vehicle unconsciously departs from the lane.

#### Switch settings



Tap  [Vehicle Control] - [Driving Assist] - [Forward Assistance] - [Lane Departure Assist] on the navigation bar on the homepage of the multimedia display screen in turn to enable or disable this function, which is enabled by default.

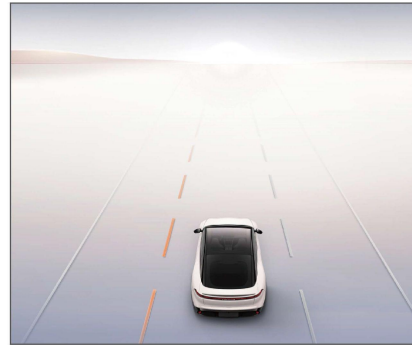
When the function switch is turned on, you can select [Warning] or [Warning + Correction]. The function defaults to warning.

#### Activated

The lane line is clear, and the vehicle speed reaches 65 km/h or above. When the driver unconsciously deviates from the current lane, a steering warning will be provided or the steering wheel will be controlled to correct the deviation of the vehicle.

### Function triggering

#### Trigger correction



When the vehicle may deviate from the lane, it will automatically correct to return to its own lane. During the correction, the driving interface of the instrument cluster deviates from the lane line and turns yellow.

It reminds the driver when the vehicle may deviate from the lane. During warning, the driving interface of the combination instrument turns red at the departure side lane line, accompanied by medium frequency alarm sound.

#### Functional Limitations

The LDA system will not be able to brake or stop braking when any of the following inhibition conditions is met, including but not limited to:

1. Pass through curves with excessive curvature, such as high-speed ramps.
2. The lane lines are unclear, worn, missing, crossed, or blocked by shadows cast by other vehicles, buildings or landscapes.
3. Pass through road sections without lane lines, such as non-standardized roads, intersections and construction areas.
4. The vehicle passes through sections of special lane lines, such as deceleration warning lines, diversion lines, etc;
5. Areas with unclear lane division, such as lane line converge or diverge, highway ramps, urban intersections, left-turn waiting areas, etc.
6. The pavement has edges or other high-contrast lines rather than lane lines,



such as pavement joints and curbs.

7. The lane line cannot be identified or is incorrectly identified due to height change, such as uphill and downhill.

8. The lane line cannot be identified or is incorrectly identified due to light reasons, such as reflection of the lane line caused by strong illumination, poor visibility or insufficient lighting caused by bad weather and night

9. The distance between lane lines on both sides is too wide or narrow.

10. Special or complex road conditions.

The LDA system may be restricted 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 ability is reduced at night.
4. The surrounding environment is dark, such as at dawn, dusk, night and in tunnels.
5. The brightness of the surrounding environment changes abruptly, such as tunnel entrance or exit.
6. Large shadows cast by buildings, landscapes or large vehicles.
7. The camera is exposed to direct light.
8. Severe weather such as rain, snow, fog and haze.
9. Exhaust, water spray, snow or dust raised by the vehicle ahead.
10. The windshield in front of the camera is subject to water, dust, micro-scratch, greasy dirt, wiper, freezing and snowfall.
11. Wet road surface.



#### Caution

- If the multimedia display screen setting item switch is turned on, it does

not mean that the function is enabled. The function will be turned on automatically only when the working conditions are met.

- When the turn signal is turned on and the vehicle departs to the corresponding side, LDA will not remind the driver or control the vehicle.
- When LDA controls the direction, the steering wheel will rotate. You can turn the steering wheel to actively take over the vehicle.
- The display on the combination instrument is only for indication and cannot fully reflect the real traffic conditions. Therefore, do not rely on the display content of the combination instrument.
- LDA only works when the driver holds the steering wheel with both hands during driving. If it is detected that the driver does not hold the steering wheel with both hands for a period of time, it will give visual and sound reminders. At this time, you can hold the steering wheel tightly to release the alarm. If it is detected that you have not held the steering wheel after a period of time, the system will automatically exit.



#### Warning

- LDA steering force is limited, which can only provide slight corrective steering assistance and cannot guarantee to completely prevent the vehicle from deviating from the lane. Therefore, do not rely on LDA to control the direction. The driver should always be prepared to increase the steering force, especially in curves. If the driver need to turn, make a U-turn or pass through winding and sharp turns, please take over the steering wheel immediately.

- As a driving assistance function, LDA cannot cope with all traffic, weather and road conditions. The LDA is for information only and does not replace your visual inspection.
- LDA can only provide certain steering assistance, but cannot control the vehicle speed.
- LDA may fail to detect that the driver does not hold the steering wheel with both hands, resulting in a missed alarm. Please do not rely on the system reminder.
- The driver must always pay attention to the traffic conditions and road environment, and decide whether to use LDA on the premise of ensuring safety. When using LDA, the driver shall be ready to take over the vehicle at any time if he/she finds that the traffic conditions, road environment or vehicle conditions are not suitable for using this function, or there are other unsafe factors. The driver always bears the ultimate responsibility for keeping the vehicle running safely in the lane and complying 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 traveling on freeways in China shall not exceed 120 km/h. The above maximum speed is the maximum speed supported by LDA in theory. Please caution road traffic safety regulations when starting LDA, including but not limited to regulations on vehicle running speed.
- LDA cannot continuously control the vehicle direction, that is, it cannot keep the vehicle in the middle of the lane all the time.

### Cruise assist\*

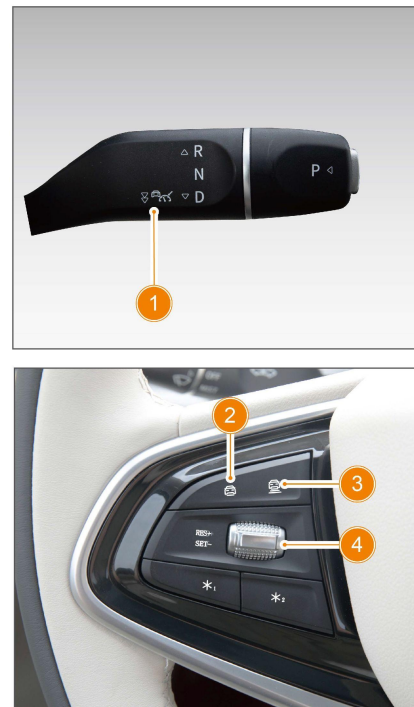
Cruise assist includes adaptive cruise control (ACC) system and advanced cruise control (SCC) system. During driving, the

vehicle keeps running in its own lane at the cruising speed or cruise distance set by the driver.

### Adaptive cruise control (ACC)

ACC includes cruise control, fixed distance vehicle-following and vehicle-following start/stop. The vehicle can run at the cruising speed set by the driver, or follow a front vehicle to run, stop or start according to the cruising distance set by the driver.

### Description of buttons



1. Cruise control function activated

2. Cruise distance-button

With the function activated, press this button to reduce the following distance. The minimum gear is Gear I.

3. Cruise distance+button

When the function is activated, press this button to increase the following distance. There are four adjustable gears.

4. Cruise Control Button

(1) When the function is activated, short-press this button downward to decrease the speed by 1 km/h and long-press it to decrease the speed by 5 km/h.

(2) When the function is activated, short-press this button upward to increase the speed by 1 km/h and long-press it to increase the speed by 5 km/h.

(3) After the function is deactivated, press this button upward to reactivate.

#### Function activated

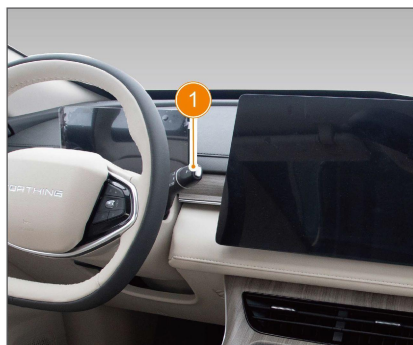
#### Working conditions

1. The vehicle speed shall not exceed 140 km/h.

2. The ADAS camera and millimeter-wave radars function normally with a clear field of view.

3. All components of the ACC function normally.

4. The vehicle meets all safety conditions. For example, the driver fastens the seat belt, all doors are closed, the vehicle is in Gear D, and the driver does not depress the brake pedal; the anti-lock brake system, traction control system and electronic stability control system are not triggered; the traction control system and electronic stability control system are not manually disabled.



1. Shift lever



When the ACC working conditions are

met, the gray adaptive cruise control ON indicator on the combination instrument illuminates. Pull the shift lever downward once to the limit position to activate ACC:

a. When there is no vehicle ahead, ACC can be activated when the vehicle speed ranges from 15 to 130 km/h.

b. When there is a vehicle ahead, ACC can be activated when the vehicle speed ranges from 0 to 130 km/h.

c. When the vehicle speed is lower than 30 km/h, 30 km/h will be automatically set as the cruise speed; when the vehicle speed is higher than 30 km/h, the current vehicle speed can be set as the cruise speed.

When the ACC function is activated, the driver can release the accelerator pedal and the vehicle will run at the set cruise speed.

#### Warning

The above maximum speed is the maximum speed supported by ACC in theory. Please caution road traffic safety regulations when using the ACC, including but not limited to regulations on vehicle running speed.

#### Following start/stop

After ACC follows and stops the front vehicle, ACC will follow and start only when the distance from the front vehicle exceeds about 4 m. After the vehicle follows and stops the front vehicle for about 3 s, it can be reactivated by pressing the cruise control button or depressing the accelerator pedal, and the previously set cruise speed will be restored. ACC will deactivate automatically after more than 3 mins.

#### Function deactivated



The function is deactivated if any of the following conditions are met:

1. Pull the shift lever upward.
2. Depress the brake pedal.
3. The vehicle speed is out of the effective range.
4. Depress and hold the accelerator pedal to actively take over the vehicle for about 1 min.
5. The vehicle follows and stops for more than 3 mins.

Under certain driving conditions, the deceleration capacity of ACC is not enough to keep a sufficient distance from the front vehicle, and ACC system will require the driver to take over the vehicle in time.

### Warning

ACC may deactivate 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 recovery



When ACC is deactivated by pulling the shift lever upward or depressing the brake pedal, the cruise control button can be pulled upward for reactivation and the

previously set cruise speed will be restored.

### Feature limitation

The ACC is not always able to work under various circumstances. Various reasons may lead to unnecessary, untimely and invalid warnings or missed warnings, such as:

1. Radar is limited.
2. The target is not in front of the vehicle.
3. The target speed is too fast, and other vehicles suddenly change lanes in the detection area.

The following conditions may lead to camera recognition failure, affect the adaptive cruise control performance and even cause function to be deactivated. Including but not limited to:

1. The installation position of the camera is changed.
2. The camera is blocked or dirty.
3. The recognition ability is reduced at night.
4. The surrounding environment is dark, such as at dawn, dusk, night and in tunnels.
5. The brightness of the surrounding environment changes suddenly, such as at tunnel entrance or exports.
6. Large shadows cast by buildings, landscapes or large vehicles.
7. The camera is exposed to direct light.
8. Severe weather such as rain, snow, fog and haze.
9. Exhaust, water spray, snow or dust raised by the vehicle ahead.
10. The windshield in front of the camera is subject to water, dust, micro-scratch, greasy dirt, wiper, freezing and snowfall.
11. Wet road surface.

The following conditions may lead to radar recognition failure, affect adaptive cruise control performance and even cause



function to be deactivated, including but not limited to:

1. The radar is dislocated, blocked or covered with dirt, ice and snow, metal plates, tapes, labels, leaves, etc.
2. The radar or surrounding area is impacted due to vehicle collision, scratch, etc.
3. Extreme weather conditions such as heavy rain, snow and fog may affect the radar performance.

Due to the limitation of radar identification target characteristics, under rare special circumstances, false alarms may be generated for some metal protective fences, green belts, and concrete walls



#### Caution

- ACC is mainly suitable for long-distance driving on a dry and unblocked standardized straight road. It is not recommended to use ACC under special or complex road conditions, which may affect the performance of ACC and even cause the function to be deactivated.
- When the following distance is set close, frequent braking of the vehicle may cause discomfort to passengers.
- The display on the combination instrument is only for indication and cannot fully reflect the real traffic conditions. Therefore, do not rely too much on the display content of the combination instrument.
- The ACC may not be able to sense motorcycles, battery cars, tricycles or other non-vehicle objects.
- ACC may miss stationary or slow-moving vehicles, and cannot guarantee to identify special vehicles. Special caution shall be paid especially at night. Such as vehicles with obstructions at the rear, vehicles with irregular shapes, and vehicles whose vertical plane at the rear is lower than a certain height.

- ACC system can assist the driver but cannot replace the driver in driving. Even if the ACC system is activated, the driver must drive carefully and be ready to take over the vehicle at any time and comply with traffic rules.
- ACC will occasionally accelerate/brake when there is no need for acceleration/braking, which may be caused by the change or loss of following target (especially during turning or lane changing).
- As a driving assistance function, ACC cannot cope with all traffic, weather and road conditions.
- ACC can only control the vehicle speed, but not the driving direction.
- ACC is a comfort function rather than an anti-collision function, and its maximum deceleration is limited. Please do not rely on ACC to fully decelerate the vehicle to avoid collision.
- When the relative speed between the vehicle and the front vehicle is greater than 50 km/h, if the front vehicle is stationary or moving slowly, there is a risk that vehicle cannot brake. In order to ensure safety, please deactivate ACC immediately in case of the above situation. Please do not try ACC to brake the stationary vehicle or follow and stop the front vehicle under the above situation.
- The driver must always pay attention to the traffic conditions and road environment, and independently decide whether to use adaptive cruise control on the premise of ensuring safety. When using ACC, the driver shall be ready to take over the vehicle at any time if he/she finds that the traffic conditions, road environment or vehicle conditions are not suitable for using this function, or there are other unsafe factors. The driver always bear the ultimate responsibility for keeping



a proper distance and speed and complying with current traffic laws and regulations.

- Do not leave the steering wheel with both hands when driving, and always pay attention to the road.

### Advanced cruise control system (SCC)

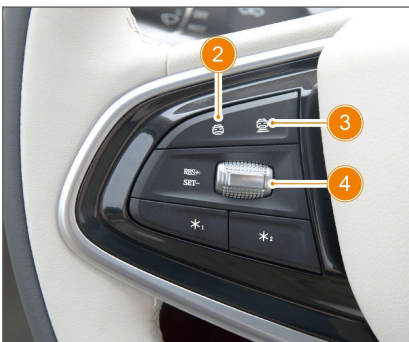
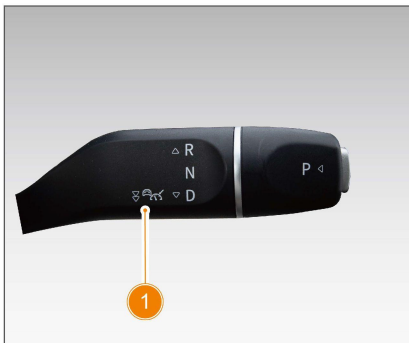
On the basis of realizing longitudinal control of constant speed cruise, fixed distance cruise and following start/stop, SCC adds lateral control function to keep the vehicle running within the lane line.

Longitudinal control: It refers to the adaptive cruise control (ACC) function, which can automatically adjust the vehicle speed according to the front vehicle speed to ensure a safe following distance.

Lateral control: It refers to the Lane Keeping Assist (LKA) function. When the lane line is clear, it can control the steering wheel to ensure that the vehicle runs in the center of the lane.

SCC is mainly applicable to closed roads with clear lane lines and access restrictions, such as highways, elevated main roads, and congested sections.

### Description of buttons



1. Cruise control function activated

2. Cruise distance-button

With the function activated, press this button to reduce the following distance. The minimum gear is Gear I.

3. Cruise distance+button

When the function is activated, press this button to increase the following distance. There are four adjustable gears.

4. Cruise Control Button

(1) When the function is activated, short-press this button downward to decrease the speed by 1 km/h and long-press it to decrease the speed by 5 km/h.

(2) When the function is activated, short-press this button upward to increase the speed by 1 km/h and long-press it to increase the speed by 5 km/h.

(3) After the function is deactivated, press this button upward to reactivate.

### Function activated

#### Working conditions

1. The vehicle speed shall not exceed 140 km/h.

2. The ADAS camera and millimeter-wave radars function normally with a clear field of view.

3. All components of the SCC are normal.

4. The vehicle meets all safety conditions. For example, the driver fastens the seat belt, all doors are closed, the vehicle is in Gear D, and the driver does not depress the brake pedal; the anti-lock brake system, traction control system and electronic stability control system are not triggered; the traction control system and electronic stability control system are not manually disabled.



1. Shift lever



When the vehicle is running in the lane with good road conditions and clear lane lines, the gray advanced cruise function ON indicator on the combination instrument illuminates. Pull the shift lever downward twice continuously and quickly to the limit position to activate SCC:

a. If the lane lines on both sides are clear and the vehicle is in the center of the lane, it will enter lateral and longitudinal control at the same time.

b. If the lane lines on both sides are not clear or the vehicle is not in the center of the lane, it will preferentially enter longitudinal control and start searching for lane lines, and enter lateral control at the same time after conditions are met.

When there is no front vehicle, SCC can be activated within the speed range from 15 to 130 km/h; when there is a front vehicle, SCC can be activated within the speed range from 0 to 130 km/h, and the blue advanced cruise function activation indicator on the combination instrument illuminates.

a. When the vehicle speed is lower than 30 km/h, set 30 km/h as the cruise

speed.

b. When the vehicle speed is higher than 30 km/h, set the current speed as the cruise speed.

When SCC enters longitudinal control and starts searching for lane lines, you can release the accelerator pedal to maintain the set cruise speed by SCC.

If there is a front vehicle, SCC will automatically adjust the speed according to the speed and distance of the front vehicle. The maximum speed shall not exceed the cruising speed. When there is no front vehicle, SCC will quickly control the speed of the vehicle to cruise speed.

When the SCC enters lateral control, it will actively control the direction, but please keep your hands gently holding the steering wheel. At this time, your superimposed hand force may have a slight impact on lateral control. Please closely monitor the vehicle traveling situation and be ready to take over the steering wheel control direction at any time.

When SCC controls direction, the steering wheel turns. When SCC actively accelerates, the accelerator pedal will not move; when the SCC decelerates, the brake pedal may move.

### **Warning**

- When the lane lines on both sides are unclear and the vehicle follows the front vehicle, if the front vehicle changes its lane slowly, the vehicle has a risk of collision with vehicles nearby. You need to be ready to take over the vehicle at any time to ensure driving safety.
- The system may miss the alarm. Please do not rely on the system to remind you to hold the steering wheel.
- The display on the combination instrument is only for reference and cannot fully reflect the real traffic conditions. Please do not rely on the display content of the combination

instrument.

- When the lane lines on both sides are not clear, but there is a vehicle that meets the conditions directly ahead in a close range, the vehicle can follow the other vehicle in a short time.
- When using the SCC, you must hold the steering wheel and look at the road ahead. If the system detects that you have not held the steering wheel after a period of time, the combination instrument will display the textual prompt "Please hold the steering wheel" and give a prompt tone. If after a period of time the system detects that you are not holding the steering wheel at all times, the SCC feature will deactivate.



### Caution

- SCC may still prompt the alarm when you hold the steering wheel. At this time, you can hold or shake the steering wheel gently to release the alarm.

### Following start/stop

After the SCC follows and stops the front vehicle:

1. SCC will follow the vehicle to start only when the starting distance of the front vehicle is more than about 4m.
2. If the front vehicle starts, adaptive cruise control will automatically follow to start the front vehicle. You need to confirm that the surrounding environment is safe at all times to avoid collision accidents.
3. After follows and stops the front vehicle for more than 5 s, you need to confirm that the surrounding environment is safe, and press the function button or depress the accelerator pedal to reactivate the Advanced cruise control function, so that the vehicle can follow and start.
4. SCC will deactivate after following and stopping the front vehicle for more than about 3 mins.

### Take over and resume

When driving with SCC, you can depress the accelerator pedal deeply or turn the steering wheel at any time to actively take over the vehicle. When taking over actively in this way, SCC will no longer respond to the target front vehicle.

The SCC will resume longitudinal control as soon as you stop depressing the accelerator pedal deeply.

When the vehicle is actively taken over by turning the steering wheel, SCC lateral control will deactivate temporarily, but longitudinal control will be maintained and lane lines will be searched. At this time, you can control the direction of the vehicle.

When you stop turning the steering wheel, if the lane lines on both sides are clear and the vehicle is in the middle of the lane, SCC will automatically resume lateral control.

When SCC is deactivated by pressing the function button or depressing the brake pedal, it can reactivate it by pressing the function button again and resume the previously set cruise speed.

After SCC follows and stops with the front vehicle, it can be activated again by pressing the function button or depressing the accelerator pedal, and it will resume the previously set cruise speed.

Resume activate SCC, preferentially enter longitudinal control and start searching lane lines. If the lane lines on both sides are clear and the vehicle is in the middle of the lane, immediately enter lateral control at the same time.



### Caution

- When SCC lateral control is working normally, if you need to change lanes, please actively take over the steering wheel to control the vehicle direction and deactivate SCC lateral control.
- When SCC lateral control works normally, when the light control handle is turned on to turn on the turn

signal, SCC lateral control will deactivate temporarily, and you need to take over the steering wheel in time to control the vehicle direction. At this time, longitudinal control is retained and lane lines are continuously searched. Lateral control will automatically resume after conditions are met.

#### Function deactivated

When the following conditions occur, SCC will be deactivated activate status and no longer automatically control speed and direction, and you will be reminded by sound:

1. Pull the shift lever upward once.
2. Depress the brake pedal.
3. Depress and hold the accelerator pedal to actively control the vehicle for about 1 min.
4. Keep the vehicle stationary for about 3 mins.

In addition, when SCC does not meet the working conditions, it will deactivate by itself. Please take over the brake pedal, accelerator pedal and steering wheel of the vehicle immediately after SCC deactivates to control the speed and direction of the vehicle.



#### Caution

After the SCC deactivates, the vehicle may decelerate due to energy recovery braking and no longer automatically control direction and speed.

#### Feature limitation

The following conditions may cause SCC lateral control to fail or deactivating temporarily, and remind you by sound and text that you need to take over the steering wheel to control the vehicle direction in time. At this time, longitudinal control is retained and lane lines are continuously searched. Lateral control will automatically resume after conditions are met. Including but not limited to:

1. Pass through curves with excessive curvature, such as high-speed ramps.
2. The lane lines are unclear, worn, missing, crossed, or blocked by shadows cast by other vehicles, buildings or landscapes.
3. Pass through road sections without lane lines, such as non-standardized roads, intersections and construction areas.
4. Road sections passing through special lane lines, such as deceleration prompt line and traffic flow guide line, etc.
5. Areas with unclear lane division, such as lane line converge or diverge, highway ramps, urban intersections, left-turn waiting areas, etc.
6. The pavement has edges or other high-contrast lines rather than lane lines, such as pavement joints and curbs.
7. The lane line cannot be identified or is incorrectly identified due to height change, such as uphill and downhill.
8. Lane lines cannot be identified or are incorrectly identified due to light reasons, such as reflection of lane lines caused by strong illumination, poor visibility or insufficient lighting caused by bad weather and night.
9. The distance between lane lines on both sides is too wide or narrow.

The following conditions may lead to camera recognition failure, affect SCC performance, and even cause function to be deactivated. Including but not limited to:

1. The installation position of the camera is changed.
2. The camera is blocked or dirty.
3. The recognition ability is reduced at night.
4. The surrounding environment is dark, such as at dawn, dusk, night and in tunnels.
5. The brightness of the surrounding environment changes abruptly, such as tunnel entrance or exit.



6. Large shadows cast by buildings, landscapes or large vehicles.

7. The camera is exposed to direct light.

8. Severe weather such as rain, snow, fog and haze.

9. Exhaust, water spray, snow or dust raised by the vehicle ahead.

10. The windshield in front of the camera is subject to water, dust, micro-scratch, greasy dirt, wiper, freezing and snowfall.

11. Wet road surface.

The following conditions may lead to radar recognition failure, affect NOA performance and even cause function to be deactivated, including but not limited to:

1. The radar is dislocated, blocked or covered with dirt, ice and snow, metal plates, tapes, labels, leaves, etc.

2. The radar or surrounding area is impacted due to vehicle collision, scratch, etc.

3. Extreme weather conditions such as heavy rain, snow and fog may affect the radar performance.

4. Due to the limitation of radar identification target characteristics,

5. In rare special cases, false alarms may be generated for some metal fences, green belts and cement walls.

Under the following conditions, if the relative speed with a front vehicle is too high, SCC may have limited control ability, resulting in failure to keep distance in time. Including but not limited to:

1. Sudden manipulation of the front vehicle (such as sudden turn, acceleration and deceleration).

2. Other vehicles suddenly drives into or out of the front of the vehicle.

3. The vehicle suddenly drives behind the front vehicle.

4. The vehicle rushes to the stationary or slow moving target ahead at a high speed.

Sufficient braking force may not be obtained in the following cases. Including but not limited to:

1. Brake function fails to work fully (e.g. brake parts are too cold, overheated and damp).

2. Improper vehicle maintenance (such as brakes or tires excessive wear, abnormal tire pressure, etc.).

3. The vehicle is running on special road surfaces (such as uphill and downhill, accumulated water, muddy, potholed and icy or snowy roads, etc.).

The following situations may lead to late SCC identification and response due to the target not being directly ahead, including but not limited to:

1. SCC will not respond to targets in the blind zone of the sensor. For example, the corner and side blind spots of the vehicles cannot be detected.

2. When approaching or turning through the road, the target may be selected by mistake or missed, resulting in unexpected acceleration and deceleration of the vehicle.

3. The target may be lost or the distance to the front vehicle may be misjudged when the vehicle is on a slope. When going downhill, the driving speed will increase, resulting in exceeding the cruise speed.

4. When only part of the vehicle body 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 identify and respond, and you need to take over in time.

5. When the vehicle suddenly drives behind the front vehicle, or when another vehicle suddenly drives into or out of the front of the vehicle, it may not be able to identify the target in time and you need to take over in time.



### Caution

- SCC may give visual and sound warnings to dangerous targets ahead,



lane changes, unclear lane lines, sharp turns, construction areas or environments with limited camera vision. Please drive carefully.

- Environmental reminders are for reference only and cannot replace your attention and judgment. They may be invalid, malfunction or be delayed 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 will occasionally accelerate when there is no need to accelerate or you do not intend to accelerate, which may be caused by the change or loss of following target (especially during turning or lane changing).
- When following a front vehicle, if the vehicle leaves the current lane or the front vehicle drives out, in order to ensure safety, this function may be limited in acceleration for a period of time, and you can actively depress the accelerator pedal to take over the vehicle.
- SCC occasionally applies the brakes when it is not necessary or you do not intend to brake. This may be caused by the detection of vehicles, objects or stationary targets changing or missing in adjacent lanes (especially during turning or lane change).
- SCC cannot detect and brake vehicles in other traffic lanes, other sides of the vehicle (other than the rear), children, pedestrians, animals, traffic lamps, walls or other non-vehicular objects.
- Please do not use the advanced cruise control system in bad weather, on roads with small turning radius, in complex environments where the lane line is unclear or poorly light, and there are many pedestrians or animals.
- As a driving assistance function, SCC cannot cope with all traffic, weather

and road conditions.

- Please do not fully rely on the advanced cruise control system when driving a vehicle.
- If it is necessary to turn, make a U-turn or pass through winding or sharp turn road, please take over the steering wheel immediately to control the direction. Do not use SCC in these situations.

### Warning

- SCC cannot guarantee recognition of special vehicles, such as those with obscured rears, irregularly shaped vehicles, vehicles with rear vertical surfaces below a certain height, or unladen carrier vehicles. Special attention is required especially at night.
- SCC may deactivate 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.
- You must always pay attention to the traffic conditions and road environment, and independently decide whether to use SCC on your own while ensuring safety. When using SCC, the driver shall be ready to take over the vehicle at any time if he/she finds that the traffic conditions, road environment or vehicle conditions are not suitable for using this function, or there are other unsafe factors. You always bear the ultimate responsibility for keeping a proper distance, 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 less than the maximum deceleration that

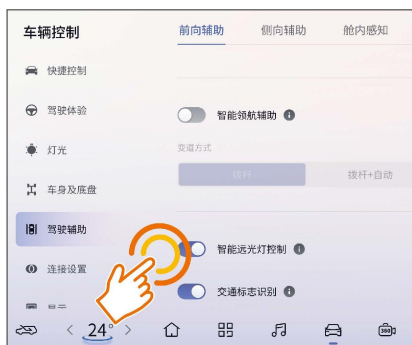
can be requested during automatic emergency braking and driving. Therefore, please do not rely on SCC to sufficiently decelerate the vehicle to avoid a collision.


- The maximum steering force of SCC is limited and less than the maximum steering force that can be requested when driving, so please do not rely on SCC to fully steer the vehicle for direction control. You should always be prepared to take over steering wheel control, especially in curves.
- When the relative speed between the vehicle and the front vehicle is greater than 50 km/h, if the front vehicle is stationary or moving slowly, there is a risk that SCC cannot brake. In order to ensure safety, please deactivate SCC immediately in case of the above situation. Please do not try SCC to brake the stationary vehicle or follow and stop the front vehicle under the above situation.

### Intelligent high beam control (IHC)\*

During driving, the vehicle automatically switches between high and low beams according to the driving environment, which includes ambient light factors such as vehicles and street lights.

#### Switch settings



This function can be turned on or off by clicking  [Vehicle Control]-[Driving Assistance]-[Forward Assistance]-[Intelligent High Beam Control] in the navigation bar on the homepage of the multimedia display screen in turn.

#### Function activated

When the switch is on, IHC function is activated when the vehicle speed is greater than 30 km/h and the low beam is turned on.

#### Function triggering

Turn on the high beam: It is dark outside and there are no other traffic participants ahead.

Turn off the high beam: It is bright outside or there are other traffic participants ahead.

#### Function deactivated

The IHC system function will be deactivated if any of the following conditions are met:

1. The low beam is turned off.
2. The IHC system shuts down.
3. The vehicle speed drops below 25 km/h.
4. The light control is set to Gear overtaking light/Gear high beam.



#### Caution

- Rain, ice, snow, dense fog and dirt may cause performance degradation of the IHC system.
- The IHC system may not work normally when the light of the vehicle ahead is blocked (such as the crash barrier).
- When there are highly reflective objects near the road (such as traffic signs), the IHC system may not work normally.
- The IHC system may not work normally due to the instability of the vehicle body when the vehicle is running on a bad road section (such as slippery road, slope or pit, and sharp turn).


### Traffic sign recognition (TSR)\*

When the vehicle passes a traffic speed limit sign, TSR system will automatically identify road traffic signs and display them on the combination instrument. A visual prompt will be given in case of

overspeed. It reminds the driver to drive carefully.

### Switch settings



This function can be turned on or off by clicking  [Vehicle Control]-[Driving Assistance]-[Forward Assistance]-[Traffic Sign Recognition] in the navigation bar on the homepage of the multimedia display screen in turn. After the switch is activated, the function will be activated automatically after the vehicle activates.

### Function triggering



When the vehicle passes by a speed limit sign, the combination instrument will display the speed limit sign. When the vehicle is overspeed, the speed limit sign on the combination instrument flashes and disappears after 10 seconds or below the speed limit.

### Function release

1. The vehicle turns around at a low speed.
2. The vehicle has traveled for a distance.
3. The vehicle turns on the turn signal for steering.
4. The vehicle detects the speed limit

end sign.

### Functional Limitations

The following situations may lead to the road sign recognition to function incorrectly or be limited, including but not limited to:

1. ADAS camera is blocked.
2. The navigation map information is out of date or inaccurate.
3. Road signs faded, damaged, blocked, covered by ice, snow and dust or on curves.
4. Multiple speed limit signs appear continuously, or there are different speed limit signs on adjacent roads.
5. Due to the clarity of traffic signs and other reasons, TSR may identify signs that are not traffic speed limits as speed limit signs.

### Caution

- At present, TSR system only detects speed limit signs, no overtaking, caution to children and road construction information, but cannot respond to other traffic signs.
- The display on the combination instrument is only for indication and cannot fully reflect the real traffic conditions. Therefore, do not rely on the display content of the combination instrument.
- TSR cannot accurately identify embedded traffic signs and traffic signs with auxiliary signs.
- TSR can detect standard signboards or LED speed limit signs and speed limit release signs within 5-120 m in front of the vehicle.
- The TSR may fail to identify traffic signs when the vehicle is running on a curved or hillside road, or when the sensor is blocked by snow, ice and dust.
- When the traffic sign does not meet the

standard approved format, TSR may fails to recognize.

### Warning

- As a driving assistance 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 on the premise of ensuring safety.
- The driver always bears the ultimate responsibility for driving safely and complying with current traffic laws and regulations.
- TSR displays the speed limit information on the combination instrument in combination with the speed limit information of the map and the speed limit sign identified by the ADAS camera. When neither the map nor the ADAS camera has any speed limit information source, no speed limit prompt information will be displayed.

### System Impact Introduction

#### Instruction of impact calibration

After replacement of the front-view camera and front windshield, remove & install interior rearview mirror, four-wheel alignment, body and chassis modification or other operations that affect the camera position, the system needs to be recalibrated; otherwise, the system performance will be reduced or the system cannot work normally.

#### Sensor cleaning instructions

- Structural modification of the vehicle may deteriorate system functions.
- The operation of the system may also be limited in case of snow, heavy rain or accumulated water on the road.
- In order not to affect the performance of the camera, the detecting part of the camera shall not be blocked by foreign matters (such as labels and

additional parts).

4. The camera sensor area of the front windshield will be blocked by snow, ice, dust or mud. If it is not cleaned in time, the system function may be affected.



5. When the camera needs to be cleaned, a textual prompt will appear on the combination instrument. At this time, please use water spray wipers to clean the glass or contact authorized service station of Dongfeng Forthing .

6. The visibility of the camera may be reduced due to strong lighting, too dark environment, rain, snow and dirty or dust blocking the sensor. As a result, the vehicle ahead cannot be recognized in time or cannot be recognized. Please intervene by yourself at this time.

### Side-rear driver assistance\*

The side-rear driver assistance system can detect rear vehicles or vehicles in adjacent lanes via sensors on both sides of the rear bumper. If there is a collision risk, the system will give an alarm to remind the driver to drive safely.

#### Sensor

The radar sensor is located inside the rear bumper.

### Caution

- The front and rear millimeter-wave radar is installed in the rear bumper respectively. In order to avoid affecting the performance of the millimeter-wave radar, it is strictly prohibited to spray paint on the bumper, install surrounds and other operations without permission.

- Improper maintenance or modification of the vehicle may cause sensor dislocated, affecting the normal operation of the side-rear driver assistance system. Therefore, it is recommended that you contact authorized service station of Dongfeng Forthing.
- Please turn off the side-rear driver assistance system when towing other vehicles.
- Please keep both sides of the rear bumper clean, and do not paste any objects and have any ice, snow, mud and other foreign matters, so as not to affect the normal work of the sensor.

### Warning

- When the radar cannot 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 limited detection range and cannot detect targets beyond the detection limit.
- When the radar is in a poor environment, it will affect the normal operation of the radar. In addition, when the target detected by the radar is in an abnormal state, it will also affect the detection results of the radar.

The following conditions will cause the radar to fail to detect the target, detect the delay or detect the error:

1. Unfavorable climatic conditions (such as heavy rain, snow and fog).
2. The radar surface is attached by foreign matters such as ice, snow, accumulated water and dust.
3. The target detected by the radar is attached with substances that absorb sound waves, such as snowflakes, foam, cotton objects, etc., or objects near the vehicle that can cause wrong reflection of sound waves.

4. The vehicle bumps or shakes due to uneven road or other reasons.

5. The volume of the detected object is too small.

6. There is interference from acoustic wave sources of the same frequency around.

The above examples, warnings and restrictions do not cover all situations that affect the normal operation of the radar sensor.

Vehicles equipped with automotive radar are not allowed to enter the interference protection distance of the relevant radio observatories in China to protect radio astronomy services operating in the same frequency band.

### Warning light



The warning lights are located at the mirror housings of the left and right exterior rearview mirrors.

### Warning

Please do not paste any objects on the warning lights to avoid affecting the system's alarm function.


### Lane Change Assist (LCA) system

LCA system includes blind spot detection system and lane change alert, capable of detecting vehicles approaching from the rear side and providing advance warning information to prevent collisions.

### Switch settings

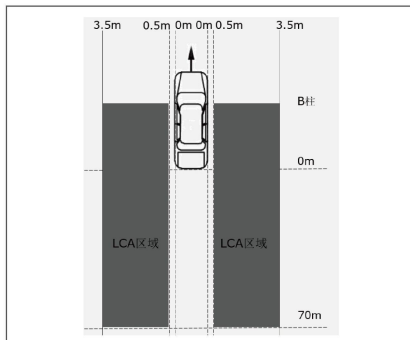




This function can be turned on or off by clicking  [Vehicle Control]-[Driving Assistance]-[Side Assistance] [- Lane Change Assistance] in the navigation bar on the homepage of the multimedia display screen in turn.

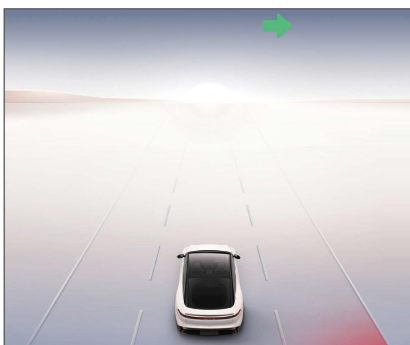
After the LCA system is activated, [Display] or [Display + Sound] can be selected. When the vehicle speed is greater than 15 km/h, this function will be activated to monitor the condition of the rear side of the vehicle in real time and ensure the safety of lane changing.

### Lane change assist (LCA) range



The LCA monitoring area is 3.5 meters outside the vehicle and about 70 meters behind it.

### Function triggering



When a vehicle in the driver's blind

spot or a vehicle approaching quickly from behind is detected, the exterior rearview mirror blind spot warning light will illuminate. If you turn on the turn signal on corresponding side under such condition, the following warning message will be given to remind you not to change lane:

1. The rear side of the driving interface of combination instrument is marked in red.

2. The exterior rearview mirror blind spot warning light flashes.

3. Intermediate frequency alarm sound.

### Function deactivated

The function is deactivated if any of the following conditions are met:

1. Select [Close] for the LCA system.

2. Power off the vehicle.

3. The gearshift lever is not at Gear D and the vehicle speed is less than 15 km/h.

### Function limitation

LCA do not always work in every situation, and there are a number of reasons that can lead to unnecessary, unpunctual or invalid warnings or missed warnings, such as radar restrictions or the presence of large moving metallic objects in blind spots.

When the vehicle is running on a road with large curves, wide lanes or uneven height, the LCA system may not be able to give an alarm to the vehicle running on the lane next to it.

The LCA system may give false alarms in the following cases:

1. When the driving ground is close to the guardrail.

2. The vehicle is running on or under a bridge or in a tunnel.

3. The vehicle is running beside shrubs, trees, etc.

4. There are telegraph poles, street lamps or concrete parapet walls on the roadside.

5. Driving near construction areas such as factory buildings and ports.

6. The vehicle is turning on an urban road or at a multi-lane intersection.

The above warnings and limitations do not address all situations that may interfere with the LCA system. There are many factors that can lead to LCA system failure. In order to avoid collision, the driver needs to be vigilant when driving the vehicle and always pay attention to the road conditions so as to change lanes when it is safe to do so.



### Caution


- When the ambient noise is loud, for example, the interior audio volume is too loud or the exterior is too noisy, the alarm sound may not be heard.
- The LCA system is a driver assistance function and does not work in all cases.
- The display on the combination instrument is only for indication and cannot fully reflect the real traffic conditions. Therefore, do not rely on the display content of the combination instrument.
- The LCA system cannot replace safe driving and the functions of rearview mirrors.

### Door Open Warning (DOW)\*

When the vehicle is stationary, the DOW system can detect vehicles, cyclists or pedestrians approaching the vehicle from the rear. When it detects that a target is approaching, the driver or passengers will open the door and DOW system will give early warning information.

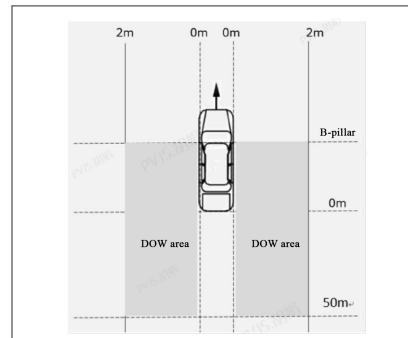
### Switch settings



This function can be turned on or off by clicking  [Vehicle Control]-[Driving Assistance]-[Side Assistance]-[Door Opening Warning] on the navigation bar on the homepage of the multimedia display screen in turn. The alarm type can be selected from [Display] or [Display + Sound].

With the function activated, when the vehicle speed is 0 km/h, the function will be activated to monitor the conditions behind the vehicle in real time.

### Door opening warning (DOW) range



The alarm area of the DOW system is from 0 m to 2 m horizontally on the left and right sides of the vehicle, and from the B-pillar position to 50 m behind the rear of the vehicle longitudinally, as shown in the figure. The shaded area is the warning area, which is bilaterally symmetrical.

### Function triggering

When the DOW trigger detects that there is a risk of collision when the door is opened, the vehicle will prompt in the following ways:

1. The rear side of the driving interface of combination instrument is marked in red.
2. The exterior rearview mirror blind

spot warning light flashes.

3. Intermediate frequency alarm sound.

4. The combination instrument prompts "Danger of left/right door opening".

5. The interior ambient light on the corresponding side flashes.

6. The voice prompts "Danger of door opening! Please caution!".

### Function deactivated

1. The vehicle speed is greater than 0 km/h.

2. The vehicle has been powered off for more than 3 mins.



### Caution

- The DOW system is effective only when the vehicle is stationary, and this function will not work when the vehicle is moving.
- When the ambient noise is loud, for example, the interior audio volume is too loud or the exterior is too noisy, the alarm sound may not be heard.
- Even when the vehicle is stationary, the DOW system cannot work under all circumstances and cannot replace the visual observation of the driver and passengers and the functions of the interior and exterior rearview mirrors. Please do not rely too much on the DOW system.
- The DOW system is designed to remind the driver and passengers to pay attention to the environmental safety when opening doors. Limited by the performance of sensors and the complexity of traffic environment, unnecessary alarms or no alarm may be given. To ensure personal safety, the driver and passengers have the responsibility to actively observe the door-opening environment before getting off the vehicle.
- The display on the combination instrument is only for indication and

cannot fully reflect the real traffic conditions. Therefore, do not rely on the display content of the combination instrument.

### Feature limitation

The DOW system is not always able to work under various circumstances. Various reasons may lead to unnecessary, untimely and invalid warnings or missed warnings, such as:

1. Radar is limited.
2. Smaller targets or stationary targets.
3. The target speed is too fast or there is steering behavior. For example, when the target vehicle changes lane to the right rear of the subject vehicle, other vehicles suddenly change lane right rear of the subject vehicle and appear in the detection area.
4. Other vehicles and cyclists directly behind the vehicle.
5. The vehicle stops at a turning or beside a wall.

The above warnings and restrictions do not address all situations that may interfere with the door opening warning. There are many factors that can lead to the failure of door opening warning. 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 this function cannot work normally due to vehicle collision, scratch, radar failure or abnormality, please contact an authorized service station of Dongfeng Forthing.
- Please keep the place where the bumper radar is installed and the surrounding area clean. If it is covered with dirt, ice and snow, metal plates, tapes, labels or leaves, its performance will be affected and normal alarm cannot be given.
- If there is no fault prompt and the radar

function is abnormal for a long time, please contact an authorized service station of Dongfeng Forthing.

- The system only warns of detected vehicles, large motorcycles or objects, so there may be a certain degree of delay and even no warning for other targets including pedestrians, bicycles or skateboards.
- The system does not warn of stationary objects. False alarm may be generated for some metal protective fences, green belts and cement walls.
- Extreme weather conditions such as heavy rain, snow and fog may affect the radar performance. Please drive carefully.
- Do not use this function in trailer mode.

#### Rear cross traffic alarm (RCTA)\*

The RCTA system can detect vehicles, cyclists or pedestrians crossing the rear of the vehicle. When the vehicle is reversing, if the system detects a target approaching and the vehicle has a collision risk, the RCTA system will give early warning information.

#### Switch settings

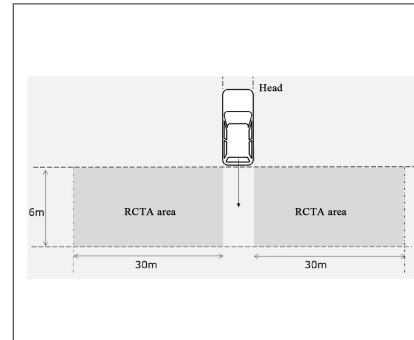


This function can be turned on or off by clicking [Vehicle Control]-[Driving Assistance]-[Side Assistance]-[Backward Cross Traffic Warning] on the navigation bar on the homepage of the multimedia display screen in turn.

When the RCTA switch is activated, this function will be activated when the

vehicle is in Gear R and the vehicle speed is less than 15 km/h to monitor real-time running of vehicles crossing behind the vehicle.

#### RCTA range



The alarm area of RCTA system is from 0m to 30m laterally on the left and right rear sides of the vehicle, and from the rear to 6 m rearward, as shown in the figure. The shaded area is the early warning area, which is bilaterally symmetrical.

#### Function triggering

When the RCTA trigger detects that there is a vehicle crossing behind the vehicle and there is a collision risk, the vehicle will prompt in the following ways:

1. A red arrow displayed on the driving interface of the combination instrument indicates the rear direction.
2. The exterior rearview mirror blind spot warning light flashes.
3. Intermediate frequency alarm sound.
4. A red arrow displayed on the panoramic/parking interface behind the vehicle.

#### Function deactivated

The function is deactivated if any of the following conditions are met:

1. The gear is not in Gear P.
2. The vehicle speed is greater than 15 km/h.



#### Caution

- The RCTA system is a driver assistance function and does not work

in all cases.

- The RCTA system cannot replace safe driving and the functions of interior and exterior rearview mirrors.
- The driver must stay focused all the time while driving, keeping the steering wheel in hands, always paying attention to the road conditions around the car, 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 for warning and will not stop the vehicle. Do not rely on this function to avoid collision or reduce the impact of collision.
- RCTA may not be able to respond to motorcycles, battery cars and tricycles.
- RCTA cannot respond to non-vehicle objects.

There are a number of reasons that can lead to unnecessary, untimely, or ineffective warnings and missed warnings in the RCTA system, such as:

1. Radar is limited.
2. The speed of the detected object is too high.
3. There is a moving metal object with large volume in the blind spot.

The following conditions may cause obstacles to radar identification and affect the performance of the RCTA system, including but not limited to:

1. The radar is dislocated, blocked or covered with dirt, ice and snow, metal plates, tapes, labels, leaves, etc.
2. The radar or surrounding area is impacted due to vehicle collision, scratch, etc.
3. Extreme weather conditions such as rain, snow, fog and haze may affect radar performance.
4. Due to the limitation of radar identification target characteristics, under rare special circumstances, false alarms

may be generated for some metal protective fences, green belts, and concrete walls.


The above warnings and restrictions do not address all situations that may interfere with RCTA system. Many factors may cause the malfunction of RCTA system. To avoid collision, the driver shall keep vigilant and pay attention to road conditions at all times during driving so as to reverse safely.

### Rear Collision Warning (RCW) system

When the vehicle is running, RCW system will remind the driver when there is a risk of collision caused by close distance from the rear vehicle.

### Switch settings



This function can be turned on or off by clicking  [Vehicle Control]-[Driving Assistance]-[Side Assistance]-[Rear Collision Warning] in the navigation bar on the homepage of the multimedia display screen in turn.

### Rear collision warning range

The alarm area of RCW system is from the position of B-pillar to 70m behind the rear in the longitudinal direction of the vehicle.

### Function triggering

When the RCW trigger detects that there is a risk of collision with the vehicle behind it too close, the vehicle will prompt in the following ways:

1. The rear side of the driving interface of combination instrument is marked in red.
2. The exterior rearview mirror blind spot warning light flashes.
3. The hazard warning light



illuminates.

#### Function deactivated

The function is deactivated when the gearshift lever is in Gear R.

#### Feature limitation

RCW does not always work in every situation, and a variety of reasons can lead to unnecessary, unpunctual or invalid warnings or missing warnings, such as:

1. Radar is limited.
2. The speed of the detected object is too high.
3. There is a moving metal object with large volume in the blind spot.

The following conditions may cause obstacles to radar identification and affect the performance of RCW, including but not limited to:

1. The radar is dislocated, blocked or covered with dirt, ice and snow, metal plates, tapes, labels, leaves, etc.
2. The radar or surrounding area is impacted due to vehicle collision, scratch, etc.
3. Extreme weather conditions such as rain, snow, fog and haze may affect radar performance.
4. Due to the limitation of radar identification target characteristics, under rare special circumstances, false alarms may be generated for some metal protective fences, green belts, and concrete walls

The above warnings and limitations do not address all situations that may interfere with RCW. Many factors may cause the malfunction of RCW. To avoid collision, the driver shall keep vigilant and pay attention to road conditions at all times during driving so as to reverse safely.



#### Caution

- RCW is only for reminding and warning. Please do not rely on this function to avoid collision or reduce the impact of collision.


- RCW is for reference only and cannot replace your visual inspection. It is always the driver's responsibility to reverse the vehicle in a safe manner.
- As a driving assistance function, RCW cannot cope with all traffic, weather and road conditions. Due to several factors, it may become invalid, improper or untimely.
- 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 status and behavior characteristics of the driver through the camera in the vehicle to realize fatigue reminder and distraction reminder functions, thus improving the driving experience.

#### Switch settings



The driver monitoring function can be turned on or off by clicking  [Vehicle Control]-[Driving Assistance]-[In-cabin Sensing]-[Fatigue Monitoring] and [Distraction Detection] in the navigation bar on the homepage of the multimedia display screen in turn. After the function is activated, it starts to monitor the driver status when the vehicle speed is higher than 30 km/h. This function is activated by default when the system leaves the factory.

#### Functional warning

#### Fatigue reminder

## Comfortable driving



When the driver is less fatigued, only textual prompt "Please pay attention to road conditions" will be displayed on the combination instrument.



When the system detects that the driver is distracted, the combination instrument will display textual prompt of "Please drive carefully".

08



When the driver is severely fatigued, the combination instrument will prompt "You have been driving in a fatigued state", and the multimedia display screen will prompt to activate the "refreshing" scenario mode.

### Distraction reminder

#### Caution

- Please do not install any other parts on the steering wheel, use trims to block the interior monitoring camera or install any other parts in front of the camera, so as to prevent the camera from being blocked and failing to correctly detect the real-time state of the driver.
- If the message "DMS system fault, relevant functions disabled" pops up on the combination instrument, it indicates that there is a system fault. It is recommended to contact an authorized service station of Dongfeng Forthing for maintenance in time.

The driver monitoring system will not record or upload any image, video, sound and other information related to the driver and passengers. The intelligent perception system relies on clear facial images, and its performance may be degraded in some cases:

- Strong sunlight exposes directly on the face.
- Loss of face monitoring due to seat or steering wheel adjustment.
- The front passenger is wearing some sunglasses that may interfere with the infrared camera.
- The steering wheel blocks the camera during steering.

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## Regular maintenance

### Daily inspection items

Item	Inspection contents
Drive system coolant level	Regularly check whether the coolant level in the three-in-one coolant expansion tank and traction battery coolant expansion tank is between the lower limit (MIN) mark and the upper limit (MAX) mark.
Brake pedal	Check the brake pedal for its maneuverability before driving each time.
Horn	Check whether the horn is normal before driving each time.
Doors	Check if the trunk lid and all other doors (including rear doors) can be opened/closed freely and locked firmly.
A/C System	The operation of the A/C unit shall be checked weekly.
Washer fluid	The stock of washer fluid should be checked once a month.
Wiper	Check the wiper once a month.
Brake	Check the brake fluid level once a month.
Tire	Check the tire pressure once a month. Check the tread for wear and foreign matters.
12V LV battery	Check the condition of 12V LV battery and the corrosion of terminals once a month.
Front windshield	Check the air outlet of defroster every month

defrosting device	when using the heating device and the A/C.
Vehicle lights	Check the condition of headlights, clearance lights, taillights, high-mounted brake lights, and license plate lights once a month.

## Cleaning and maintenance

### Exterior maintenance

Regular and professional maintenance can keep the vehicle in good condition. The following will describe how to keep the appearance of the vehicle clean, including car washing, paint, polishing and wheel cleaning, as well as anti-corrosion measures.

### Vehicle washing

Frequent washing helps preserve the vehicle's appearance. Dust and grit will scratch the paint surface, and leaves and bird droppings will permanently damage the surface finish of the vehicle body. It is recommended to clean the vehicle body in a cool place.

Use only solvents and cleaning agents recommended in the User Manual. As drying the vehicle, check it for chips or scratches. If found, repair it with touch-up paint.



### Caution

- Using chemical solvents and strong detergents when cleaning the vehicle will damage the paint, metal and plastic parts of the vehicle body. It is recommended to wash the vehicle thoroughly with cool water to remove floating dust.
- Check the vehicle body for asphalt, leaves and other dirt, which can be removed with asphalt remover or turpentine, and then wash it with clean water immediately to avoid damaging the surface finish of the vehicle body.
- After cleaning the entire body surface, wipe it dry with a soft towel. Natural

drying in the air will cause loss of luster or formation of water stains on the exterior of the vehicle body.

### Waxing

Vehicle waxing is helpful to prevent adhesion of dust and chemicals on the road. Wax the vehicle only after cleaning and drying, and wax it at least once every three months, which helps to protect the body. Please use high quality liquid wax or paste wax. When using, follow the instructions on the packaging.

There are generally two types of products:

#### 1. Vehicle body wax

Body wax is a kind of wax applied on the paint surface to protect it from sunlight, air pollution and other damages. It is recommended to wax the vehicle body after the new vehicle is used for about half a year.

#### 2. Polishing wax

Polishing wax can repair the paint that has been oxidized or lost its gloss, making it glossy again. Such waxes generally contain soft abrasives and solvents to remove oxidized paint surfaces. If the original gloss cannot be restored after the body wax is applied, polishing wax shall be applied.



#### Caution

When the detergent is used to remove such pollutants as pitch and insects, dewaxing may occur. Therefore, it is necessary to replenish wax in the dewaxing position.

### Refinishing

Small cracks and scratches on the paint coating shall be repaired immediately with a special repair film or repair paint to prevent corrosion.

### Aluminum alloy wheel

When cleaning the exterior of the vehicle body, the aluminum alloy wheels of the vehicle shall be cleaned at the same time. After cleaning, rinse the aluminum alloy wheel thoroughly with water.

### Front compartment gutter channel

The front compartment gutter channel is located in front of the front windshield and below the wiper cover plate, which is a very important water passage structure in front of the vehicle.

Check the drainage condition of the front compartment gutter channel and wiper cover once every 5000 km to ensure that they are clean and tidy as far as possible, so as to avoid blockage or water accumulation in the drain hole inside the gutter channel, which may cause damage to related electrical equipment, peculiar smell from external circulation of air conditioner, water inflow from external circulation of air conditioner and other abnormalities. In case of blockage and water accumulation, please contact an authorized service station of Dongfeng Forthing in time.

### Maintenance method

1. Open the engine hood and remove foreign matters on wiper cover with a brush or wiper blade.
2. Remove the engine compartment rubber strip, engine compartment trim panel, left/right wiper trim panel and wiper cover in order.
3. Use a scraper or brush to remove sundries on the gutter channel 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 vehicle body. It is one of the parts that ensure the waterproof sealing of the door and belongs to other parts.

During the use of the vehicle, the surface of the sealing strip shall be cleaned in time to avoid excessive wear caused by gravel or hard particles on the surface of the sealing strip. If the components have reached the warranty period or if there is any wear or damage on the surface of the sealing strip, please contact the authorized service station of Dongfeng Forthing in time.

### Interior maintenance



### Carpet

The dust on the carpet should often be cleaned by a vacuum cleaner. Excessive dust accumulation will accelerate the damage of the carpet. Regularly washing carpets with detergent will keep them in better condition.

### Fabric

The dust and dirt on the textile fabrics would often be cleaned by a vacuum cleaner. Wash with low-temperature neutral soapy water and dry in the air.

### Vinylon

Use a dust collector to remove the dust and pollutants. Scrub the vinylon with a soft cloth soaked in neutral soapy water to remove stains that are difficult to remove, or use a spray or foam type vinylon cleaner.

### Leather

Frequently use a vacuum cleaner to remove dust and dirt from the leather, especially at wrinkles and joints. Clean the leather with a soft cloth dipped in clean water, and then wipe it dry with another soft dry cloth. If further cleaning is required, special soap for leather can be used.

### Window

Use the glass detergent to clean both interior and exterior sides of the windows. Dry all glass and plastic surfaces with a soft cloth or paper towel.

### Seat belt

If the seat belts are dirty, use a soft brush with neutral warm soapy water to wipe the seat belts clean. Do not use bleaching powder, dye or cleaning solvent because such things will reduce the durability of the seat belt. Do not use any seat belt until it is dry.

Too much dust accumulated at the loop at the seat belt outlet will lead to slow contraction of the seat belt. The inner side of the loop can be scrubbed with a clean soft cloth dipped in neutral warm soapy water or isopropyl alcohol. It is not recommended to disassemble the seat belt for cleaning. If the seat belt must be

disassembled before cleaning, please contact an authorized service station of Dongfeng Forthing.

### Air freshener

If it is necessary to use air freshener or deodorant in the vehicle, it is recommended to select solid type. Some chemical components contained in liquid air freshener will cause fiber breakage or fading of interior trims and braided fabrics.

If using liquid air freshener, ensure it is securely fastened to prevent splashing while driving.

### Corrosion resistance

Salt, dirt and moisture can easily accumulate under the vehicle. Scraping off the vehicle paint or wearing off by stones and sand grains will cause the metal to lose its protection and be exposed, thus causing the vehicle to rust. Common measures to prevent rusting include:

1. Keep the vehicle clean.
2. Keep the garage dry.
3. Keep paint and decorations in good condition.
4. Keep regular interior maintenance, etc.

## Self-maintenance

### Engine compartment

#### Open the engine hood



Pull the engine hood opening handle on the lower left side of the instrument panel twice continuously. After the engine hood is popped up for a certain distance, lift the engine hood with hand to open it.

#### Close the engine hood



This model is equipped with engine hood pneumatic rod. Pull down the engine hood to a height of about 30 cm from the closing position, press it downward until it is fully closed, and make sure that it is locked in place. If it is not locked in place, please press the middle part of the front end of the engine hood hard until it is fully closed.

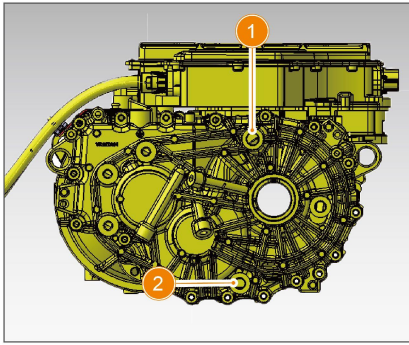
### Layout of engine compartment

The picture is for reference only, and the actual vehicle shall prevail.



- |                           |                                |
|---------------------------|--------------------------------|
| 1. Coolant reservoir      | 4. Engine Compartment Fuse Box |
| 2. Washer fluid reservoir | 5. Brake fluid reservoir       |
| 3. 12V LV battery         | 6. Vehicle controller VCU      |

### Reducer lubricating oil



1. Oil filler
2. Oil outlet

The lubricating oil in the reducer shall be replaced as required. During replacement, all the oil in the reducer shall be 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 "Vehicle Specifications".

### Drive system coolant

#### Inspection of coolant



Check whether the coolant level is between the upper limit (MAX) and the lower limit (MIN) scale marks. If it is lower than the lower limit, add coolant to the coolant expansion tank to the position near the upper limit.

#### Coolant refilling

Open the cover of fluid reservoir to add the coolant. After adding the coolant, put on the cover and tighten it. You shall always employ the year-round antifreeze coolant designated by the Dongfeng Forthing. Do not use antifreeze coolant and water to replace the year-round antifreeze

coolant. Do not mix coolants of different brands; otherwise, chemical reactions may easily occur, affecting the service life of the drive motor. Please use the four-season antifreeze coolant designated by Dongfeng Forthing. Please do not replace antifreeze coolant with antifreeze and water.

#### Warning

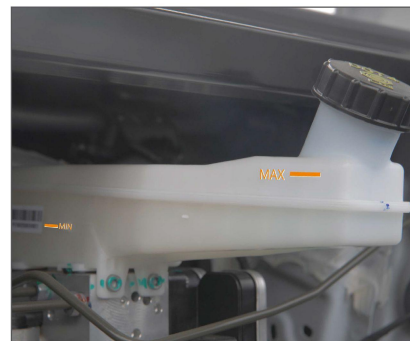
When the drive system is not completely cooled, opening the coolant expansion tank cover may cause the coolant to eject, resulting in serious scald. Before opening the coolant expansion tank cover, make sure that the drive system has cooled down.

#### Replacement of coolant

The coolant needs to be replaced regularly.

### Brake fluid

#### Brake fluid inspection



1. Check the fluid level in the reservoir once a month.

2. The fluid level should be between the lower limit (MIN) and the upper limit (MAX) scale marks on the brake fluid reservoir wall. If the fluid level is at or below the lower limit (MIN) scale mark, please contact an authorized service station of Dongfeng Forthing Automobile Co., Ltd. for inspection in time.

#### Replacement of brake fluid

The brake fluid will absorb water in the air. Excessive water content will cause damage to the brake system due to corrosion, and the boiling point of the brake fluid will also drop significantly. Please replace the brake fluid in time according to the requirements of the regular maintenance

table. Please contact an authorized service station of Dongfeng Forthing for brake fluid replacement.

### **Warning**

- Be sure to use the brake fluid designated by Dongfeng Forthing or DOT4 products of the same grade packaged in closed containers approved by Dongfeng Forthing. Do not mix different brake fluids.
- Please do not mix the brake fluid with the fluid containing mineral oil, as the mineral oil will damage the seals and sealing plugs of the brake rigging.
- The brake fluid is toxic and should be kept out of the reach of children. Once swallowed by mistake, go to the hospital immediately for examination.
- The brake fluid is corrosive and is not allowed to contact the vehicle paint. Once it overflows on the vehicle paint, it needs to be cleaned with plenty of water.
- Brake fluid may damage the skin. If it accidentally splashes on the skin or eyes, wash with plenty of water. If you feel unwell, go to the hospital immediately for examination.

### Maintenance and technical requirements of brake fluid

1. The brake fluid maintenance interval is every 2 years or 40,000 kilometers, whichever comes first.

2. The technical requirements for brake fluid shall comply with relevant provisions of GB12981.

### Inspection of glass washer fluid



1. Check whether there is enough washer fluid in the fluid reservoir of windshield washer at least once a month.

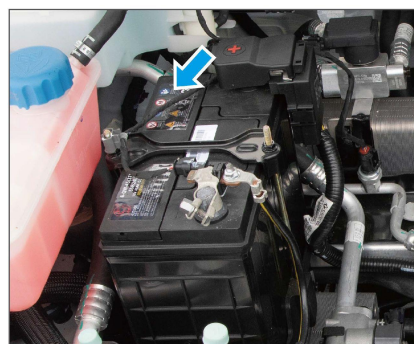
2. If water is not sprayed when the wiper spraying function is activated, it indicates that the windshield washer fluid is insufficient. Add high-quality washing fluid which can improve cleaning ability and prevent freezing in cold weather.

3. If alcohol-based washer fluid is used, the ethanol content of the washer fluid shall not be higher than 24%.

### **Caution**

- High-quality glass washer fluid can improve the decontamination ability and prevent freezing in cold weather.
- It is recommended to use the glass washer fluid specified by Dongfeng Forthing. Antifreeze will damage the paint sprayed on the surface of the vehicle, and vinegar solution will damage the water pump of the front windshield washer.

### 12V LV battery



This vehicle is equipped with a maintenance-free 12V LV battery, which is located on the right side of the engine and mainly provides electric energy for vehicle



starting and on-board electrical appliances. If the 12V LV battery is seriously undervoltage, the vehicle will not be able to start.

### Usage and precautions

1. Please do not turn on electrical appliances such as lamps, audio and wipers for a long time after the vehicle stops.

2. If the vehicle needs to be parked for more than five days, it is recommended to unplug the negative terminal of the 12V LV battery to prevent the on-board electrical appliances from consuming the 12V LV battery.

3. After the vehicle stops, pay attention to whether the lights, audio, air conditioner and other electrical appliances are turned off.

4. The 12V LV battery shall be checked once a month. Check the terminals for corrosion (white or yellowish powder). In case of corrosion, please contact an authorized service station of Dongfeng Forthing.

### Emergency treatment for contacting electrolyte

The electrolyte of 12V LV battery is highly corrosive and toxic. In case of accidental contact, please handle it as follows:

**Eye contact:** Rinse with water in a cup or other container for at least 15 mins, and seek medical advice immediately.

**Skin contact:** Take off contaminated clothes, wash skin with plenty of water, and seek medical advice immediately.

**Drink electrolyte by mistake:** Drink water or milk and seek medical advice immediately.

### Warning

- If it is necessary to connect the 12V LV battery to other chargers, disconnect the positive and negative cables to avoid damaging the electrical equipment on the vehicle. During reinstallation, connect the positive

cable first and then the negative cable.

- When the vehicle is running normally, the 12V LV battery will produce explosive hydrogen. Sparks or open flames will cause the 12V LV battery to explode, and its explosion energy is enough to cause serious injury. Please avoid driving in a nearby place with sparks and open flames.

### A/C filter

The A/C filter can remove pollen and dust brought in by the A/C system from the outside.

The A/C filter must be replaced during regular maintenance every 20,000 km.

### Replacement of A/C filter

The A/C filter is located in the glove box.

1. Open the glove box.
2. Squeeze the upper and lower sides of the A/C filter to disengage the tabs on both sides and remove the filter.
3. Insert a new A/C filter.
4. Close the glove box.

### When the air conditioner is not used for a long time

Turn on the air conditioner at least once every two weeks for at least 5 mins even in cold months. This is to prevent the lubrication of parts inside the compressor from deteriorating, so as to keep the air conditioner in the best operating state.

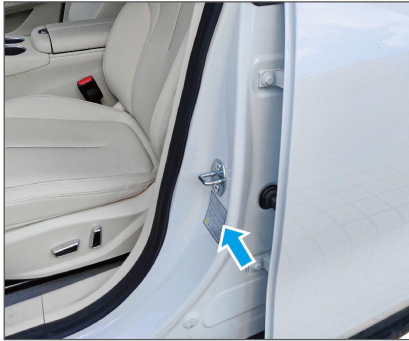
### Tire

In order to drive the vehicle safely, the model and size of the tires must be suitable, and the tires must have good tread pattern and appropriate tire pressure.

### Caution

- Using tires with excessive wear or insufficient tire pressure will cause accidents and personal injuries.
- All descriptions about tire inflation and maintenance in the User Manual must be complied with.

### Tire pressure label



Tire pressure labels are attached on the vehicle. This label is located below the driver's door frame and indicates the air pressure of the front and rear wheels of the vehicle.

For tire pressure, pay attention to the following points:

1. It is recommended to visually inspect the tires before each driving each time.
2. If necessary, inflate or deflate the tire to the cold tire pressure recommended on the label.

If the tire pressure is checked when the tire is hot (after several kilometers of driving), the pressure reading will be 30 to 40 kPa higher than the reading in cold state. This phenomenon is normal. Do not deflate to reach the specified cold tire pressure reading, which will cause insufficient tire pressure.

### Tire inflation

Maintaining proper tire pressure can make the vehicle maneuverability, driving comfort and tread life reach the best state.

Underinflated tires will cause uneven wear, affecting maneuverability and increasing power consumption.

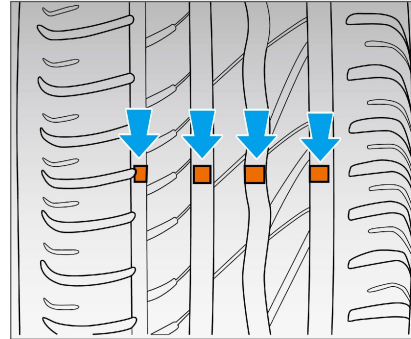
Over-inflated tires will reduce riding comfort, and are more likely to be damaged due to uneven road surface, resulting in uneven tire wear.

### Tire inspection

Every time when checking the inflation state of the tire, check whether the tire is damaged, punctured by foreign

matters and worn. Specific inspections are as follows:

1. Side scratches, cracks or fractures of tire. If the tire fabrics or cords are exposed, replace the tire.
2. Excessive tread wear.

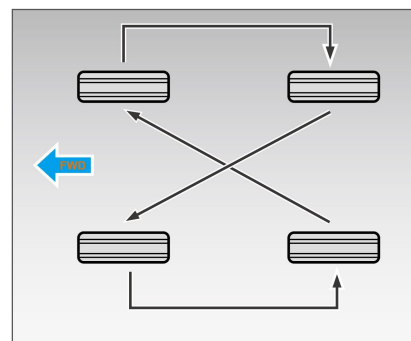


The tire must be kept in good condition, and the tread pattern on the tire surface shall be deep enough. The tire wear degree can be measured by the raised points in the tire driving belt. If the tread thickness is less than 1.6 mm, the tire must be replaced. Such tire lacks adhesion when driving on a slippery road.

### Tire maintenance

In addition to proper inflation, correct wheel alignment also helps to reduce tread wear. If you find that the tires are worn unevenly or you feel some continuous vibration during driving, please contact an authorized service station of Dongfeng Forthing.

### 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 time of transposition, the operation shall be carried out according to the method shown in the above figure.

### Specifications of wheels and tires

Rim specification:

18×7J, 19×7.5J, 20×8J.

Tire specifications:

235/50 R18, 235/45 R19,  
235/40ZR20.

As for the tire size suitable for this vehicle, please refer to the tire nameplate pasted under the driver's door frame, or contact the authorized service station of Dongfeng Forthing.

### Replacement of tires and wheels

Replace with radial tires having the same size, load scope, rated speed and maximum cold tire pressure (indicated on the tire wall). Mixed use of radial and diagonal tires may reduce the vehicle's braking capacity, driving force (ground adhesive force) and steering accuracy. Using tires of different sizes or structures will cause the ABS system to fail to work normally.

The ABS system works by comparing the wheel speeds. Therefore, when replacing the tires, the tires with the same size as the original tires of the vehicle must be used. Otherwise, the wheel speeds will be affected and the system may act inconsistently. Replacing only one tire will seriously affect the maneuverability of the vehicle. If it is necessary to replace tires, it is recommended to replace two front tires or rear tires in pairs. If necessary, replace four tires at the same time.

If the wheel needs to be replaced, make sure that the specification of the new wheel is consistent with that of the original wheel. Before replacing the wheel, please contact an authorized service station of Dongfeng Forthing.

### Winter Tire

It is recommended to use winter tires on icy and snowy roads due to the limited applicability of summer tires in winter. When installing winter tires, four wheels shall be installed at the same time to ensure safe driving. Only tires of the same brand

and shape can be used. When purchasing, pay attention to the tire size, load capacity and speed grade. Install the winter tires according to the marks on the registration card.

If you use winter tires with a lower rated speed, do not exceed the maximum rated speed of the tires when driving.

### Anti-skid chain

Snow anti-skid chains can only be used in emergency situations or when driving through specific areas expressly stipulated by law.

Snow anti-skid chains should be installed on at least two driving wheels at the same time. It is forbidden to install anti-skid chain on only one front or rear wheel. Do not install anti-skid chains on one side of two left wheels or two right wheels. For specific installation precautions, please follow the instructions of the anti-skid chain manufacturer. The suggestions provided in this manual are for reference only. The actual installation shall be subject to the communication result between the vehicle owner and the anti-skid chain manufacturer.

The anti-skid chains matching the vehicle tires shall be selected. After the anti-skid chains are installed, the maneuverability of the vehicle is poor, so the vehicle shall run at a low speed to avoid full load. Please read the component assembly drawing and other instructions of the anti-skid chain manufacturer carefully.

### Tire pressure monitoring system (TPMS)

#### Direct

Dynamically monitor the tire pressure and temperature, and display them on the combination instrument. When the tire pressure is abnormal, the combination instrument will display corresponding alarm information (see "Warning Light" in Chapter IV "Combination Instrument" for details).



#### Caution

- Please keep the tire pressure near the

standard pressure value. When the tire pressure is displayed as "--" and the designated tire is on, it indicates that the TPMS loses its signal. Please contact the Dongfeng Forthing authorized service station in time.

- There is no need to re-match the tire pressure sensor due to installation and removal of tires. However, if the tire position changes and the tire pressure sensor position changes, it is necessary to re-match the tire pressure. Please contact an authorized service station of Dongfeng Forthing.
- The tire pressure information displayed in the stationary status is the information when the vehicle is last running. Therefore, if it is necessary to update the tire pressure data after the tire is deflated or inflated, it is necessary to drive the vehicle at a speed of more than 30 km/h for 1 min before the tire pressure information interface updates the data.

#### Indirect\*

The tires are monitored for under-pressure when the vehicle is running, and the combination instrument will not display the tire pressure and temperature. When the tire pressure of one or more tires is abnormal, the TPMS fault warning light on the combination instrument will illuminate and there will be a corresponding textual prompt. At this time, the driver shall immediately park the vehicle in a safe place, and then check all tires and their inflation pressure. During parking, avoid violent steering or braking operation. After confirming the cause of tire pressure alarm, reset the indirect TPMS.

Indirect TPMS alarm may occur in the following conditions:

1. The tire pressure is changed manually.
2. The inflation pressure of one or more tires is too low.
3. The tire is structurally damaged.

4. One wheel is replaced respectively for the front and rear axles.

5. The TPMS is not reset after tire replacement or tire pressure change, resulting in heavy load on one side of the vehicle.

6. The tire load on an axle of the vehicle is large, such as full load.

7. Install the anti-skid chain or spare tire.

#### Indirect TPMS fault

If the TPMS cannot receive signals or the signal is invalid, the TPMS fault warning light on the combination instrument will flash for 60 seconds and then be normally on, with text display and buzzer alarming once. At this time, the vehicle has no tire pressure monitoring function. Please go to an authorized service station of Dongfeng Forthing immediately for troubleshooting.

When ABS, ESC and EHB functions of the vehicle malfunction, TPMS may fail; after anti-skid chains are installed, TPMS may malfunction.

After a tire pressure alarm occurs, be sure to confirm whether each tire and its pressure are normal first. If the tire pressure is normal, resetting TPMS will result in malfunction of TPMS or excessively low actual tire pressure at the next alarm.

#### Indirect TPMS reset

Tire pressure shall be reset after the following operations of vehicle:

1. Adjust the inflation pressure of one or more tires.
2. Any tire/wheel is replaced(rotated).
3. Conduct dynamic balance for wheels.
4. Carry out technical modification on the chassis.
5. More than 1 year since last resetting, after the vehicle has run more than 10000 km or the ambient temperature exceeds 40°C.



1. Combination instrument switching button

Indirect TPMS reset steps:

1. Confirm that the pressure of four tires is standard.

2. With the vehicle powered on and in Gear P, long-press the combination instrument switch button for more than 10s. The combination instrument will prompt "Tire pressure resetting is in progress" and then prompt "Tire pressure resetting completed".

3. If the combination instrument prompts "Reset Failed", re-operate as Step 2 or reset after system fault troubleshooting.



#### Caution

- It is recommended to use Dongfeng Forthing original tires, otherwise the system may give a fault alarm or abnormal performance.
- When the vehicle is powered up, the system will carry out functional detection. At this time, it is normal that the TPMS fault warning light illuminates for a short time.
- When the system gives a tire under-pressure alarm, check the inflation pressure of all tires.
- If the vehicle runs on a dirt road, gravel road, mountain road or icy and snowy pavement or in SPORT mode for a long time, the alarm time of indirect TPMS may be prolonged.



#### Warning

- Different tire pressures or excessively low tire pressures may cause tire

function failure, tire blowout, vehicle out of control, etc., resulting in serious casualties. Therefore, be sure to inflate all tires to the air pressure value specified on the tire pressure label before driving, so as to ensure the effectiveness of TPMS.

- In special cases, such as sports driving mode and snowy or spongy roads in winter, tire under-pressure may lead to delayed identification or false alarm.

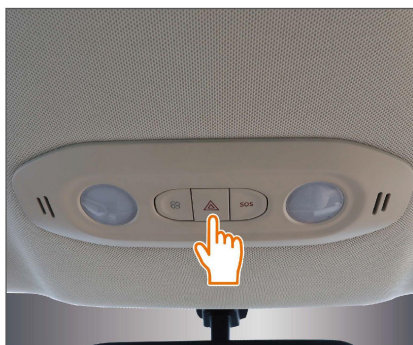


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## Hazard warning device

### Hazard warning light



Press the hazard warning light switch above the interior rearview mirror, and turn signal outside the vehicle and the turn signal and hazard signal indicator on the combination instrument will start to flash to remind pedestrians and passing vehicles to avoid the vehicle.

### Warning Triangle



The warning triangle is placed under the trunk carpet and can be seen by lifting the carpet.

In case of an accident during driving, stop the vehicle on the right side as far as possible, after the vehicle is parked stably, take out the warning triangle, turn the reflector back to the vehicle and stand 100 ~ 200 m behind the vehicle to remind the vehicle coming behind, and turn on the hazard warning light at the same time.

## Emergency rescue

### SOS



The vehicle is equipped with SOS emergency rescue function, which can provide rescue service in time in case of emergency. If you need to call for emergency rescue service, long press the SOS button near the front interior lights. The system will automatically dial the customer service number of Dongfeng Forthing, and the customer service personnel will actively coordinate your needs.

The SOS emergency rescue function can only be enabled when the vehicle is powered up.



### Caution

In case of poor communication network signal, abnormal vehicle power supply or SOS button failure, the emergency rescue function may not be enabled.

### E-CALL

In case of vehicle collision, the system will directly call the customer service center of Dongfeng Forthing, and the customer service center will actively contact the vehicle to provide emergency rescue.

## On-board Tools and Reflective Vests

## Emergency Self-handling



1. Warning triangle
2. Reflective vest
3. Towing hook
4. Wheel nut cover clamp
5. Automatic inflating tire repair tool

The towing hook and warning triangle are placed under the trunk carpet; the automatic inflating tire repair tool is located under the trunk cover board; the reflective vest and wheel nut cover clamp are placed in the glove box.

### Traffic accident guide

When the vehicle has a traffic accident, please operate according to the following steps:

1. Park the vehicle in a safe place (if the vehicle can still run normally after an accident) and turn on the hazard warning light. If the vehicle needs to be towed, please contact an authorized service station of Dongfeng Forthing.

2. Take out the reflective vest from the glove box and put it on.

3. Take out the warning triangle under the trunk carpet.

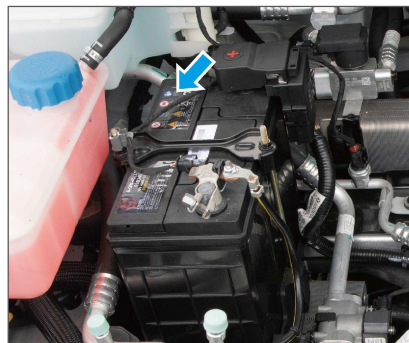
4. Place the warning triangle 100-200m behind the vehicle.

### Warning

In case of emergency traffic accident, personal injury or major fire, please contact for rescue as soon as possible.

### Safety Warning Sign

#### 12V LV battery warning sign



The 12V LV battery warning sign is attached to the surface of the battery of engine compartment. Remind you to keep the battery away from heat sources and open flames, and keep it ventilated during charging and use to prevent accidents.

#### Warning sign for A/C refrigerant and radiator



The warning signs for A/C refrigerant and radiator are pasted above the inner side of engine hood. When replacing the coolant, use the coolant specified by Dongfeng Forthing. Do not mix coolants of different brands. Do not touch the radiator, as the cooling fan may rotate at any time.

### Tire Replacement\*

The original vehicle is not equipped with spare tires and spare tire installation tools such as jacks. Please refer to the following operation steps when replacing tires.

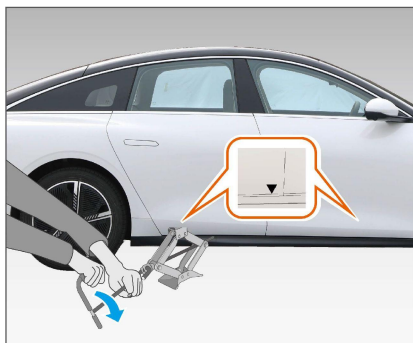
#### Preparations before tire replacement

Park the vehicle in a place where the traffic flow is little and it is convenient to replace the wheel safely. Before emergency replacement of wheels, turn on the vehicle hazard warning light and place a warning triangle at an appropriate distance to avoid traffic accidents.

Take out the spare tire and tools for tire replacement.

### Replacement of spare tire

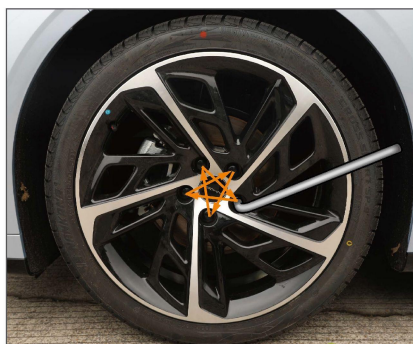
Before jacking the vehicle, place a stopper in front of and behind the wheel diagonally opposite to the replaced tire, and then loosen the replaced wheel nut by half a turn with a wrench.



There are two jacking position identification points on the outer panels of the left and right doors respectively. Place the jack in the groove corresponding to the triangle mark point, and then jack up the vehicle.

### Caution

Do not jack the vehicle at any position other than the specified position. If the jacking position is incorrect, the vehicle body may be sunken or accidents may occur when the vehicle body falls.



Remove the wheel nuts with a wheel nut wrench, and then remove the tire. Remove all sludge from the hub surface and install the spare tire. Tighten the wheel nuts in a crossed sequence as shown in the figure until the wheel is close to the brake hub.

Lower the vehicle to the ground and take out the jack. Tighten the wheel nuts in the same cross manner. The specified torque shall be used when tightening the wheel nuts.

### 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 steering wheel (i.e., rear wheel). If it is necessary to replace the tire of the steering wheel, the spare tire shall be replaced on the front wheel first, and then the replaced tire shall be installed on the steering wheel.

## Tire Repair

### automatic inflating tire repair tool



The automatic inflating tire repair tool is located in the storage slot under the trunk inner cover plate.

### Instructions

1. The diameter of the puncture hole effectively repaired by this product is less than or equal to 6 mm. Within this range, the puncture object can be pulled out before repairing; if the puncture hole is larger than this size, please do not pull out the puncture object after filling in the tire sealant.

2. If the puncture object needs to be removed before repair, move the vehicle slightly so that the tire hole faces the 6 o'clock position directly below before filling the tire sealant.

3. In a low-temperature environment

## Emergency Self-handling

of  $-40^{\circ}\text{C}\sim 0^{\circ}\text{C}$ , please place the product in the warm air position inside the vehicle and return it to above  $0^{\circ}\text{C}$  before use, so as to improve the filling efficiency of tire sealant.

4. After using this product, please drive for 10 km or more immediately. Do not stay and go to an authorized service station of Dongfeng Forthing or a professional tire repair shop for tire repair or replacement as soon as possible.

5. After using this product, the vehicle can sustain continuous driving for more than 500 km. Please drive at a speed below 80 km/h during the first 10 km, and after that, you can resume normal driving speed.

6. If tire sealant splashes on a tire or rim, wash it with clean water or wipe it off with a cloth. If the product accidentally comes into contact with the eyes, promptly flush with clean water and seek immediate medical attention.

7. This product is intended for repairing punctures on the tire tread only. Damages to the tire shoulder, sidewall, valve stem, or other areas are not covered under the repair scope of this product.

8. The storage temperature of this product is  $-40^{\circ}\text{C}$  to  $70^{\circ}\text{C}$ . Avoid direct sunlight on the front and rear windshields in the vehicle, and do not contact with open flames.

### Usage

1. Shake the tire sealant well before use, and then tear off the safety cap of the connecting valve.

2. Tighten the connecting valve of inflatable tire sealant and the tire valve clockwise.

3. Turn the red valve clockwise and put the bottle upside down to start inflation and tire repair.

4. After the tire sealant is filled, close the red valve anticlockwise and unscrew the connecting pipe. Immediately drive the vehicle for more than 10 km at a speed not higher than 80 km/h to complete tire repair.

### Replace the Bulb

The replacement of bulbs usually requires the removal of certain vehicle components, so professional skills are required for relevant operations, otherwise the lamp cover may be damaged. If replacement is required, please contact an authorized service station of Dongfeng Forthing.

### bulb specifications

Name	Bulb type
High beam	LED
Low beam	LED
Daytime Running Light	LED
Front/rear position light	LED
Front/rear turn signal	LED
Brake light	LED
Reverse light	LED
High-mounted brake light	LED
Rear fog light	LED
License plate light	LED
Trunk light	LED
Interior light	LED

### Headlight calibration

When the new vehicle leaves the factory, the headlight has been calibrated. If the trunk is frequently used to carry heavy objects, the headlight may need to be re-calibrated. Please contact an authorized service station of Dongfeng Forthing for headlight calibration.

### FAQ

Why does the headlight glass surface fog sometimes?

In general, the fog in the headlight is formed by condensation when the moisture in the light body material evaporates and encounters a low temperature. This is a normal physical phenomenon, and the fog



will finally dissipate after each formation.

The method to eliminate fog is as follows: During driving, after the low beam is turned on for a period of time, the fog in the effective area irradiated in front of the headlamp can be dissipated.



### Caution

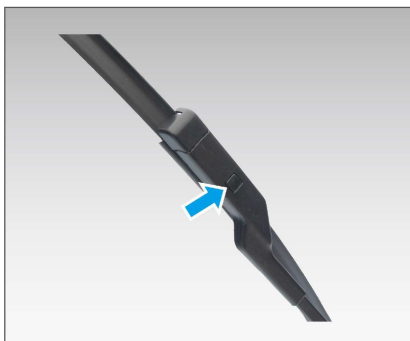
- When the headlamp is turned on, the surface temperature of the headlamp is very high. Do not directly touch the surface of the lamp to avoid scalding.
- To avoid damaging the lamp, do not use invasive abrasives or chemical solvents to clean the lamp.
- Do not wipe the lampshade or clean it with sharp objects when it is dry.

## Maintenance of wiper

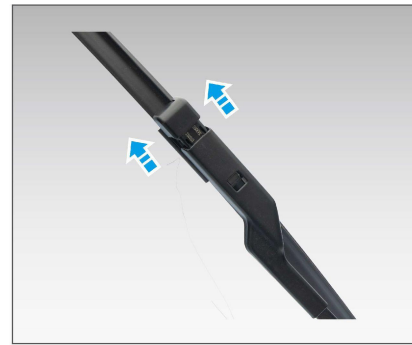
### Wiper repair mode

After long pressing the hazard warning light to power off the vehicle, turn the wiper control handle to Gear "MIST". The front wiper will stop at a position close to the maximum height to facilitate maintenance and repair of wiper blades. After maintenance, enter the vehicle and depress the brake pedal. The front wiper will automatically return to its original position.

### Replacement of front wiper blade



1. After the wiper repair mode is activated, 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 a new one, and operate in the reverse order to ensure that the wiper blade is correctly installed in place.



### Warning

When checking, cleaning or replacing the wiper in the rain sensor area, please turn off the automatic wiper function to avoid injury to human body.



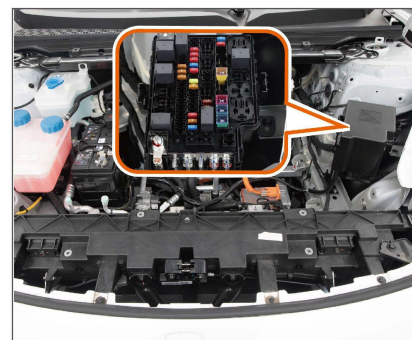
### Caution

Please do not open the engine hood when wiper arms are pulled up. Otherwise, both the hood and wiper arms will be damaged.

## Replacement of Fuse

### Positions of fuse boxes

#### Engine compartment fuse box



The engine compartment fuse box is located at the upper left part of the front engine compartment. Remove the clips on the left and right sides of the fuse box, and open the box cover to check the fuse.

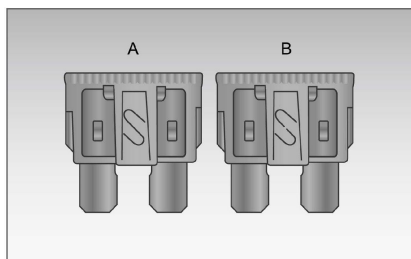
## Emergency Self-handling

### Interior fuse box



The interior fuse box is located in the lower left corner of the instrument panel. Remove the cover plate to check the fuse.

### Check the fuse

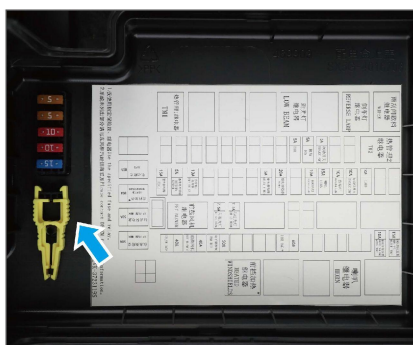


A: Normal

B: Fuse blown

The fuse protects the vehicle electrical equipment by preventing the vehicle electrical equipment from overloading. A blown fuse indicates that the circuit it protects is faulty and stops working. If the fuse is suspected to be faulty, remove it with a fuse puller and check whether it is blown.

### Replacement of fuse



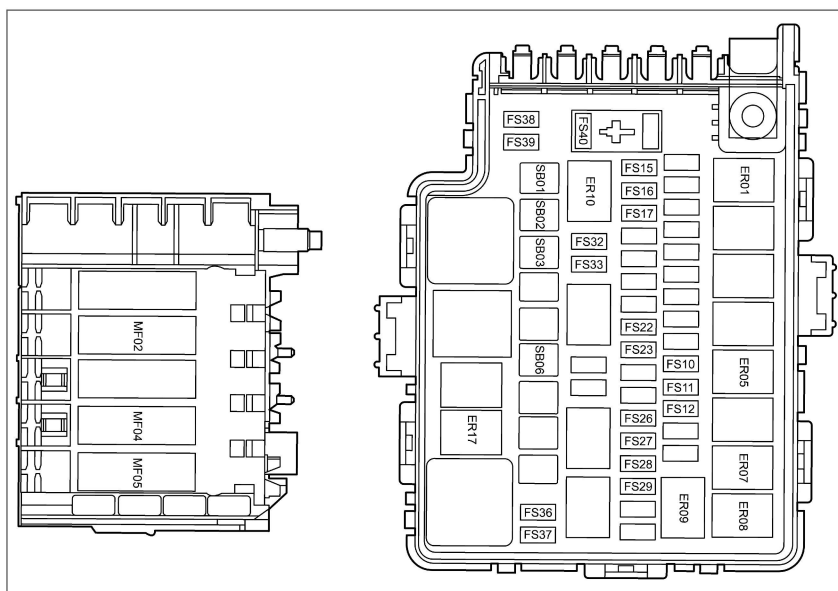
There is a fuse puller in the engine compartment fuse box. Pull the fuse straight out of the fuse box with a puller. If the fuse is not blown, there must be other causes causing the fault. Please contact an

authorized service station of Dongfeng Forthing as soon as possible.

Check the blown metal wire in the fuse. If the fuse is burnt out, use the spare fuse with the same/lower amperage to replace the burnt-out one. If a spare fuse with lower amperage is used and blown again, replace it with a fuse of the same rated value.

If the replacement fuse with the same rating is blown again in a short time, it indicates that the vehicle may have a serious electrical fault. Please contact an authorized service station of Dongfeng Forthing as soon as possible.

## Layout of engine compartment fuse box

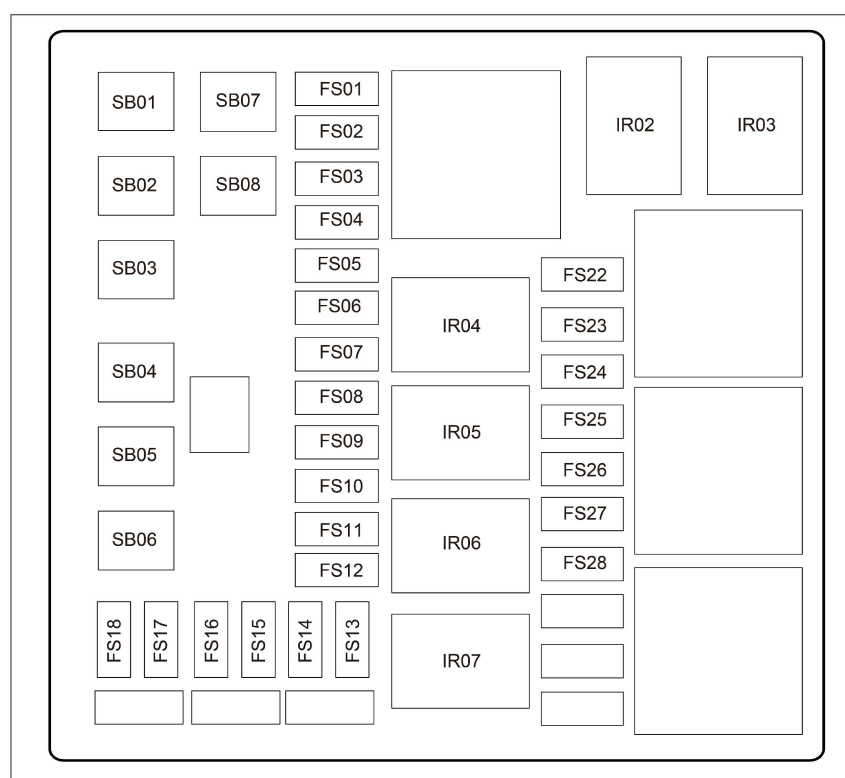


No.	Name	Rated current (A)	Description
MF02	Electric power fuse	80A	-
MF04	Fuse of instrument panel fuse box	50A	-
MF05	Fuse of instrument panel fuse box	50A	-
SB01	UB_VR BAT+ fuse	40A	-
SB02	Front blower fuse	40A	-
SB03	Electronic fan control fuse	50A	-
SB06	UBB B+ fuse	60A	-
FS10	EHB IGN1 fuse	5A	-
FS11	Engine hood IGN1 fuse	5A	-
FS12	Brake switch fuse	5A	-
FS15	Vehicle controller fuse	15A	-
FS16	Battery sensor fuse	5A	-
FS17	Thermal management 2 relay fuse	10A	-
FS22	Relay coil fuse	5A	-
FS23	Wiper INT mode fuse	20A	-
FS26	Horn fuse	15A	-
FS27	Reverse light relay B+ fuse	10A	-

## Emergency Self-handling

FS28	Brake light switch fuse	10A	-
FS29	Front combination light LAMP fuse	10A	-
FS32	Left low beam fuse	7.5A	-
FS33	Right low beam fuse	7.5A	-
FS36	Drive coolant pump fuse	10A	-
FS37	BMS/PTC water pump fuse	15A	-
FS38	Audio host fuse	15A	-
FS39	ETC/ADAS fuse	10A	-
FS40	Transport mode fuse	30A	-

### Layout of interior fuse box



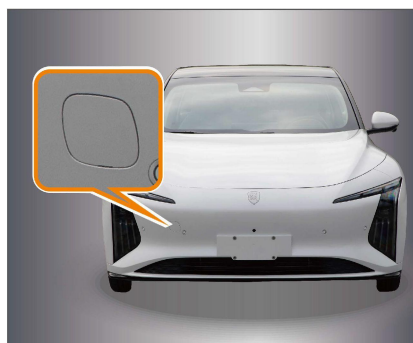
No.	Name	Rated current (A)	Description
SB01	Ignition switch fuse	60A	-
SB02	Liftgate ECU lock power supply fuse	20A	-
SB03	Left door control module fuse	30A	-
SB04	Right door control module fuse	30A	-
SB05	Driver's power seat fuse*	30A	-
SB06	Rear defrosting fuse	30A	-

SB07	Front wiper fuse	20A	-
SB08	Front passenger power seat fuse*	25A	-
FS01	Motor controller MCU fuse	15A	-
FS02	All-in-one electric drive fuse	15A	-
FS03	Rear combination light LAMP fuse	20A	-
FS04	Diagnostic interface OBD fuse	15A	-
FS05	Exterior light fuse	20A	-
FS06	Gateway B+ fuse	5A	-
FS07	Interior dome light fuse	15A	-
FS08	Battery management system (BMS) fuse	10A	-
FS09	Seat heater fuse*	20A	-
FS10	Multimedia host fuse	30A	-
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	Body controller BCM IGN1 fuse	5A	-
FS16	Engine hood IGN1 fuse	10A	-
FS18	IGN2 fuse	5A	-
FS22	Backlight power supply fuse	7.5A	-
FS23	Front right and rear left position light fuse	5A	-
FS24	Front left and rear right position light fuse	5A	-
FS25	ACC instrument power supply fuse	10A	-
FS26	Wireless charging fuse*	15A	-
FS27	USB power fuse	10A	-
FS28	12V power fuse	15A	-



### Vehicle towing

#### Front towing point



#### Rear towing point\*

It is not equipped for vehicle models sold in domestic market, but only equipped for sold in foreign markets.



If the vehicle needs to be towed, please contact the professional vehicle towing service department. Do not tow the vehicle only with ropes or iron chains.

#### Traction method

##### Flatbed device

Vehicles can be loaded on trucks, which is the best way to transport vehicles. When towing the vehicle in this way, fix the front and rear wheels firmly on the trailer and place the gearshift lever at P position.

##### Wheel-lift tow truck

The tractor inserts two supporting arms into the bottom of the front wheels of the vehicle to lift the front wheels off the ground, and the rear wheels are placed on a small dolly (off the ground). This is a feasible method to tow the vehicle.

#### Precautions for traction

When wheel-lifting traction is adopted, the traction mileage should not exceed 50

km, and the speed should be kept below 30 km/h. The vehicle state in which:

1. Start the vehicle.
2. Switch shift lever to Gear N.

If any of the above conditions cannot be met, you can only use flatbed transportation or contact an authorized service station of Dongfeng Forthing.



#### Caution

- Do not lift or tow the vehicle from the bumper, as this will cause serious damage. When installing the towing cable, pay special attention not to damage the vehicle body by the cable.
- Your vehicle is not designed for towing other vehicles. Such attempts will void your warranty rights.




#### Warning

The above steps should be strictly followed. Incorrect towing will damage the vehicle.

#### Car washing/towing mode

##### Enter



Depress the brake pedal and place the shift lever in Gear N, and click  [Vehicle Control]-[Driving Experience]-[Car Washing/Towing Mode] in the navigation bar on the homepage of multimedia display screen in turn to enter the interface for selecting whether to start the car washing/towing mode.



Click [OK] to enter the car washing/towing mode.



### Caution

- When the vehicle is pulled through the conveyor type automatic car washer, it must be in the car washing/towing mode and operated in strict accordance with the use requirements of the conveyor type automatic car washer.
- The car washing/towing mode will also be used for towing and battery pack replacement.

### Deactivate

Switch the gear to D/R or deactivate the car washing/towing mode by clicking [Driving Experience]-[Car Washing/Towing Mode] on the multimedia display screen again.

### Jump Start

If the vehicle need jump starts due to insufficient 12V LV battery, jumper cables can be used to start the vehicle with the help of the 12V LV battery on other vehicles. Jumpering is dangerous and should be operated with caution.

### Operation steps

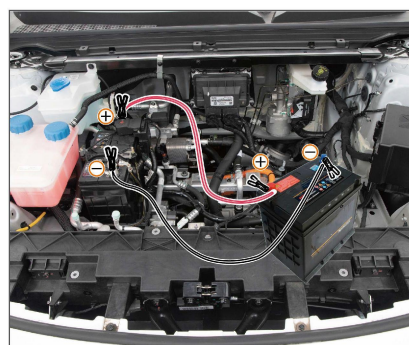
1. Power off the vehicle and turn off all electrical accessories of the vehicle.

2. Open the engine hood and connect the positive clip of jumper cable

Connect the clamp to the positive (+) terminal of the 12V LV battery on this vehicle.

3. Connect the clip at the other end of the positive cable to the positive (+) terminal of the battery of the rescue vehicle.

4. Connect the negative cable clamp to the negative (-) terminal of the battery of the rescue vehicle.



5. Connect the negative clip of the jumper cable to the negative (-) terminal of the 12V LV battery of the vehicle.

6. Start the rescue vehicle and hold it for about 5 mins to charge the 12V LV battery of the vehicle.

7. With the intelligent key placed in the vehicle, depress the brake pedal to start the vehicle.

8. After the vehicle is running, please remove the jumper cable in an order completely reverse to the connection, and contact an authorized service station of Dongfeng Forthing for vehicle maintenance as soon as possible.



### Caution

The vehicle has the intelligent recharging function. When the 12V LV start battery is lack of power, it will automatically recharge from the traction battery. If the traction battery is low, the 12V LV start battery will also run out. At this time, the vehicle cannot be started even if there is jumper connection. Please contact an authorized service station of Dongfeng Forthing.



### Warning

When jump starting with jumper cables connected from other vehicles, correct operation must be carried out according to the User's Manual. Incorrect operation steps may cause fire, explosion or damage to the vehicle.

### Drive motor temperature high

If the powertrain fault warning light on the combination instrument illuminates, check as per the following steps immediately:

1. Safely pull over the vehicle, press the Gear P button, turn off all electrical accessories and turn on the hazard warning light.

2. If the drive motor is overheated due to overload, it will gradually cool down after the vehicle stops. In this case, you should wait until the powertrain fault warning light goes out before continuing driving.

3. Check for obvious coolant leakage, such as reservoir hose broken. All components are scorching at this time, so please be careful. If any leakage is found, please contact the authorized service station of Dongfeng Forthing as soon as possible.

4. In case of no obvious leakage, check the coolant level in the fluid reservoir. If the coolant level is below the lower limit (MIN) mark or there is no coolant, add coolant in time.

5. Start the vehicle, set the A/C temperature adjustment switch to the maximum temperature and the A/C air volume adjustment switch to the maximum, add coolant into the expansion tank until the coolant level is kept between the upper limit and lower limit scale marks, and then install and tighten the coolant reservoir cover.

#### **Warning**

If the reservoir cover is taken out when the drive motor is very hot, the coolant will erupt, causing severe scald. Be sure to remove the reservoir cover after the drive motor cools down.

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## Vehicle specifications

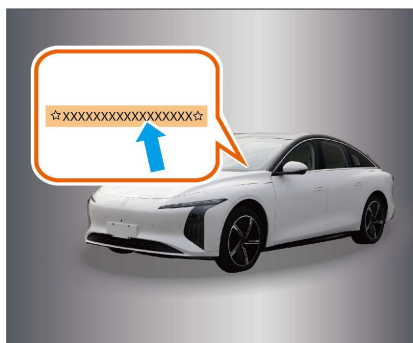
### Vehicle information

#### Vehicle identification information

There are several vehicle identification numbers (VINs) on your vehicle, which are located in different positions.



1. It is engraved on the body crossmember under the front passenger seat and can be seen by lifting the carpet gap.



2. It is pasted on the instrument panel body assembly.

3. It is pasted on the inside of the glove box.

4. It is pasted on the surface of A-pillar inner panel of front right wall.

5. It is pasted on the inner panel of right B-pillar.

6. It is pasted on the surface of drive unit assembly.

7. It is pasted on the inner panel of engine hood.

8. It is pasted on the inner panel of trunk.

9. It is pasted on the inner panel of front right door.

#### Vehicle factory nameplate



The vehicle sign is located under the right center pillar and contains the following information:

1. Country of manufacture
2. Manufacturer
3. Brand name
4. VIN
5. Vehicle model
6. Drive motor model
7. Rated voltage/rated capacity of traction battery system
8. Peak power of drive motor
9. Maximum allowable total mass
10. Number of passengers
11. Manufacturing date

#### Reading of VIN



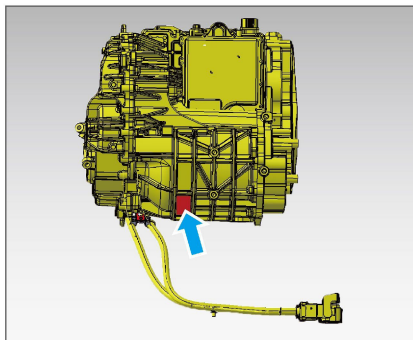
Use the OBD II scan tool to read the vehicle VIN information through the OBD diagnostic interface.

#### Caution

The above VIN reading tools are not equipped with the vehicle. If you need to purchase them, please contact an authorized service station of Dongfeng Forthing.

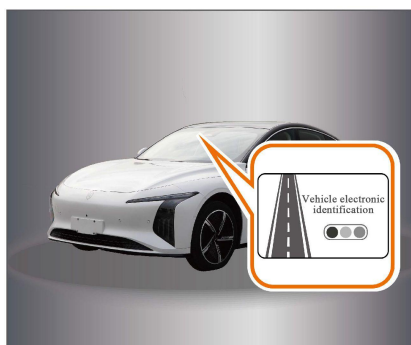
#### Drive motor information





The drive motor steel code is located under the motor housing.

#### Microwave window



The microwave window of the vehicle is located in the horizontal center and vertically upward position of the front windshield.

The electronic identification of the vehicle should be installed in the middle and left of the microwave window. This sign stores relevant information of the vehicle and cannot be blocked by the interior rearview mirror mounting bracket, sensor bracket, etc.



#### Caution

- Please keep the front windshield clean and dry.
- Do not paste film or metal materials on the microwave window to ensure the standard installation of vehicle electronic identification and effective reading of data.
- Do not cover, squeeze or remove the electronic identification of the vehicle! If the sign is damaged, please apply again at the sign issuing agency in time.

## Vehicle specifications

### Dimensions

Item	Unit	LZ7000SQE0EV/LZ7000SUF0EV
Vehicle length	mm	4935
Vehicle width	mm	1915
Height	mm	1495
Front wheel tread	mm	1640
Rear wheel tread	mm	1650
Wheelbase	mm	2915

### Weight parameters

Item	Unit	LZ7000SQE0EV	LZ7000SUF0EV
Number of passengers	Person	5	
Curb weight	kg	1750	1835
Front axle curb weight	kg	850	885
Rear axle curb weight	kg	900	950
Maximum mass	kg	2125	2210
Maximum mass of front axle	kg	967	998
Maximum mass of rear axle	kg	1158	1212

### Drive motor parameters

Item	Unit	LZ7000SQE0EV	LZ7000SUF0EV
Drive motor model	-	TZ200XS3F0	TZ200XS3F1
Type	-	Permanent magnet synchronous motor	
Rated power	kW	65	
Peak power	kW	160	200
Rated speed	rpm	4280	
Maximum speed	rpm	16000	
Rated torque	N.m	145	
Maximum torque	N.m	310	
IP rating	-	IP67	
Cooling method	-	Liquid cooling	

### Traction battery parameters

Project	LZ7000SQE0EV	LZ7000SUF0EV
Traction battery model	7DFM_166Ah_LFP_S73_500	7DFM_166Ah_LFP_S73_600

Traction battery type		Lithium iron phosphate battery	
Battery cell information	Rated voltage (V)	3.16	
	Rated capacity (Ah)	163.5	
Traction battery information	Rated voltage (V)	348	430
	Rated capacity (Ah)	163.5	
	Mass of traction battery pack (kg)	445	528
	IP rating	IP67	
	Number of traction battery packs	1	

### Seat parameters

Item	Front Seat Adjustment	Rear seat adjustment
Set forward and backward seat positions	200 mm forward, 20 mm backward	Non-adjustable
Set backrest angle status	25°	30°
Normal service state of seat backrest	26° forward, 40° backward	Lay down 100° forward from the design position

### Main assembly parameters of chassis

Item		LZ7000SQE0EV/LZ7000SUF0EV
Suspension system	Front suspension	MacPherson independent suspension with lateral stabilizer bars
	Rear suspension	Multi-link independent suspension
Steering system	Power steering type	Electric power steering
Brake System	Structural type	Two-circuit hydraulic service brake system
	Front brake	Disc Brake
	Rear brake	Disc Brake
	Brake pedal travel	1mm ~ 12mm
	Brake clearance of vacuum booster with brake master cylinder assembly	/

## Vehicle specifications

	Brake clearance of front and rear brakes	0.1mm ~ 0.3mm
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### Braking parameters

Item	Unit	LZ7000SQE0EV/LZ7000SUF0EV
Front wheel brake disc	Setting value (mm)	28
	Service limit (mm)	26
Front wheel brake pad	Setting value (mm)	12
	Service limit (mm)	2
Rear wheel brake disc	Setting value (mm)	12
	Service limit (mm)	10
Rear wheel brake pad	Setting value (mm)	10
	Service limit (mm)	2

### Performance parameters

Item	Unit	LZ7000SQE0EV/LZ7000SUF0EV
Maximum vehicle speed	km/h	165
Maximum gradeability	%	30

### Vehicle trafficability parameters

Item	Unit	LZ7000SQE0EV/LZ7000SUF0EV
Approach Angle (Full Load)	°	14
Departure Angle (Full Load)	°	16
Ramp Angle (Full Load)	°	11.5
Minimum turning diameter	m	≤ 11.5
Minimum ground clearance (full load)	mm	118

### Oil specification and capacity

Item	Specification	Capacity
Reducer lubricating oil (TZ200XS3F0)	MTF GL-4 75W	1.0±0.05L
Electric drive coolant	OAT-35	About 9.0L
Traction battery coolant	OAT-35	About 4.0L
Brake fluid	DOT4	About 0.8L

## Vehicle specifications

Front windshield washer fluid	NFC-60	About 1.8L
A/C refrigerant (If you have any doubts, please consult Dongfeng Fengxing special service station)	R134a (Chinese standard)	1000±20g
	1234YF (European standard)	1000±20g

## Rim and tire specifications

Item	LZ7000SQE0EV/LZ7000SUF0EV
Tire specification	235/50R18, 235/45R19, 235/40ZR20(Not equipped with this type of tires, optional)
Rim specification	18×7J, 19×7.5J, 20×8J*(Not equipped with this model of wheel rim, optional)
Tire pressure (full load)	250kPa
Tire pressure (no load)	250kPa

## Four-wheel alignment specifications

Item		LZ7000SQE0EV/LZ7000SUF0EV	Remarks
Front wheel toe-in	Front wheel	$0.08^{\circ} \pm 0.08^{\circ}$	/
	Rear wheel	$0.08^{\circ} \pm 0.08^{\circ}$	/
Wheel camber	Front wheel	$-0.6^{\circ} \pm 0.5^{\circ}$	The left-right difference within $0.55^{\circ}$
	Rear wheel	$-1.2^{\circ} \pm 0.5^{\circ}$	/
Kingpin caster angle	Front wheel	$6.1^{\circ} \pm 0.5^{\circ}$	The left-right difference within $0.55^{\circ}$
Kingpin inclination angle	Front wheel	$14.21^{\circ} \pm 0.5^{\circ}$	/