FRIDAY 使用手册

FRIDAY User Manual

英语
English
国标

Dear users:

Congratulations on owning a Forthing Thunder car. Thank you for your trust in Dongfeng Forthing. This Manual introduces the information on safe driving, equipment operation and vehicle maintenance of Forthing Thunder. The information will help you use the vehicle correctly so that you can truly feel the driving pleasure brought by Forthing Thunder.

The table of contents and illustrations of vehicle in this 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 this Manual, you will find signs such as "Attention", "Warning" and corresponding instructions. These instructions are contributive to guaranteeing the personal, vehicle and property safety, please strictly observe.

Graphs and texts in this 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.

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

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

If you need to inquire about the information of Forthing Thunder, please visit our Internet website: https://www.forthingmotor.com/ (official website)

Wish you a safe journey!

Dongfeng Liuzhou Motor Co., Ltd.

April 2024

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 "Attention". 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.

Attention

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 services, Dongfeng Liuzhou Motor may collect personal information and vehicle data such as VIN code, drive motor code and driving behavior when you use the vehicle or provide service for you. We will take measures that meet legal requirements and national or industrial technical standards to protect the security of your personal information and vehicle data.

It is recommended to promptly clear your sensitive personal data when transferring, scrapping, or during a second-hand car transaction.

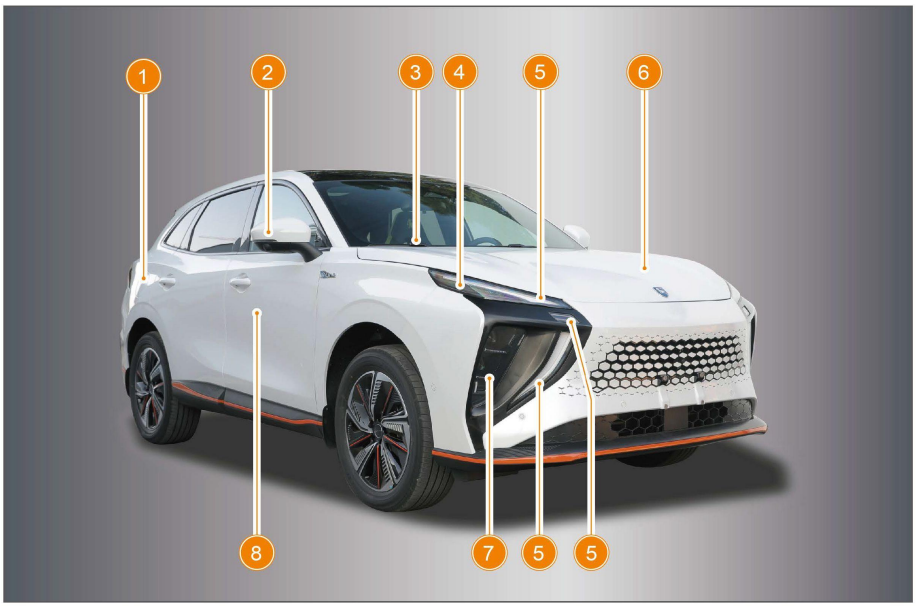
Table of Contents

01

Exterior

Front of vehicle

Type I



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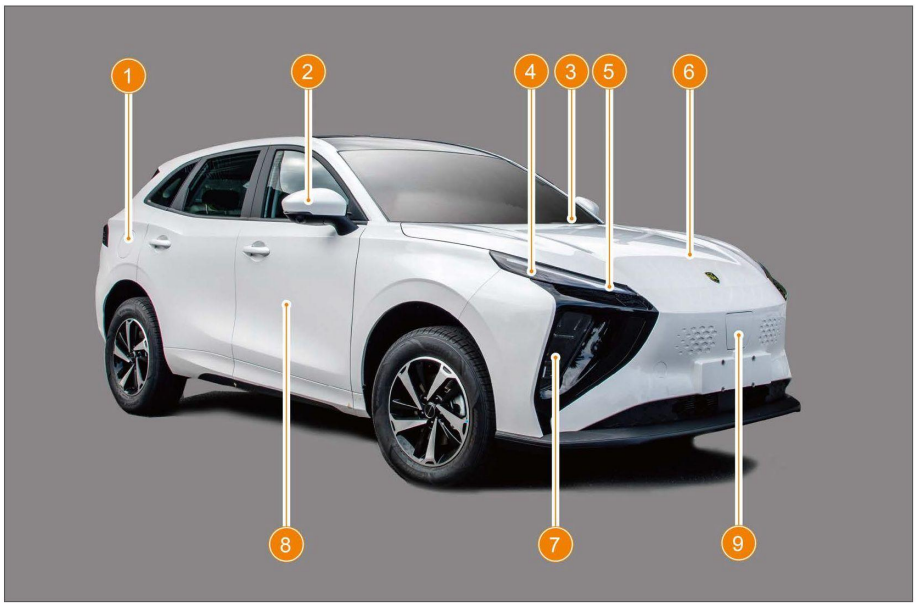
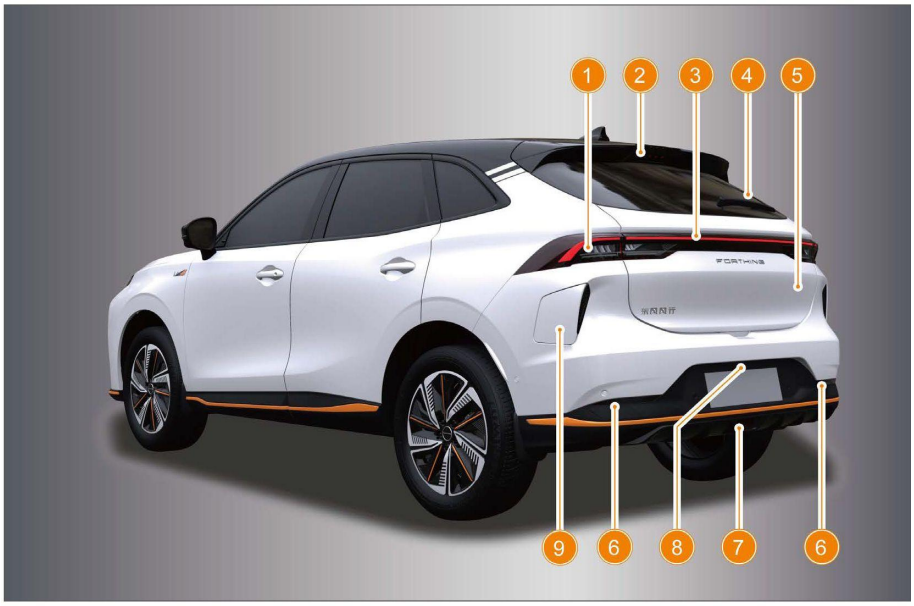


1. AC charging port
2. Exterior rearview mirror
3. Front wiper
4. Front turn signal
5. Daytime running light/position light
6. Hood
7. Low beam/High beam
8. Doors
9. DC charging port

01 Rear of vehicle

Type I



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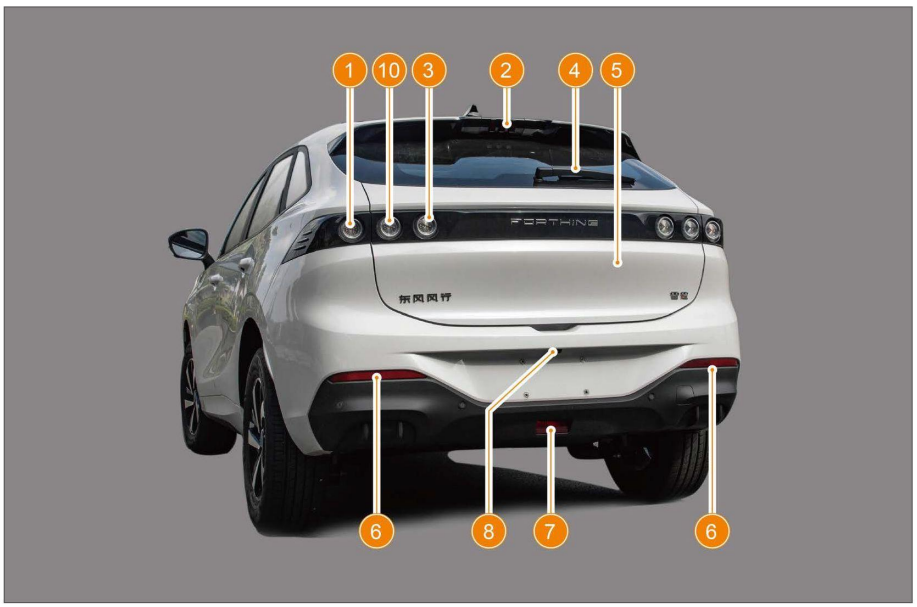
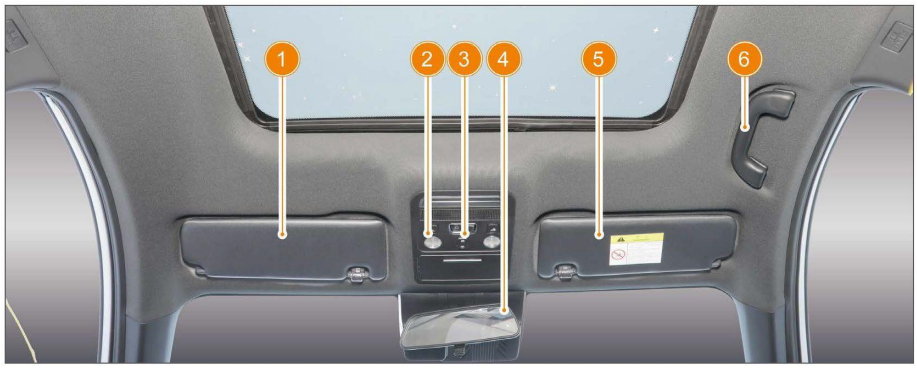


1. Turn signal/position light/brake light
2. High-mounted brake light
3. Reversing light
4. Rear wiper
5. Trunk lid
6. Retro-reflector
7. Rear fog light
8. License plate light
9. DC charging port
10. Brake light

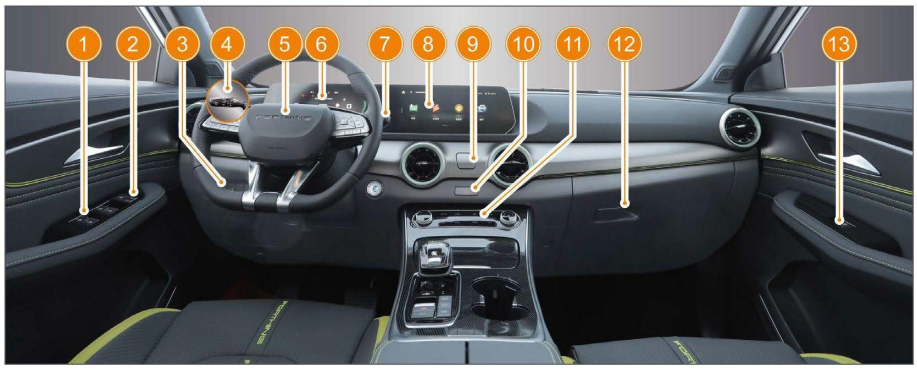
Interior

Interior roof



1. Left sun visor
2. Front interior light
3. Sunroof/Sunshade control button
4. Interior rearview mirror
5. Right sun visor
6. Top handle

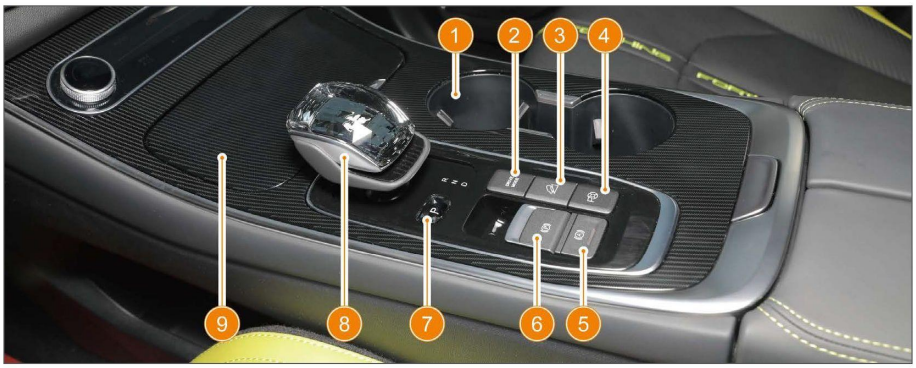
Instrument panel



1. Driver's seat side window switch
2. Central control buttons
3. Instrument panel switch set
4. Light control handle
5. Steering wheel
6. Instrument cluster
7. Wiper control handle/gearshift lever*
8. Display screen
9. Mobile phone bracket interface
10. Hazard alarm switch
11. A/C control panel
12. Glove box
13. Front passenger window switch

01 Console

Type I



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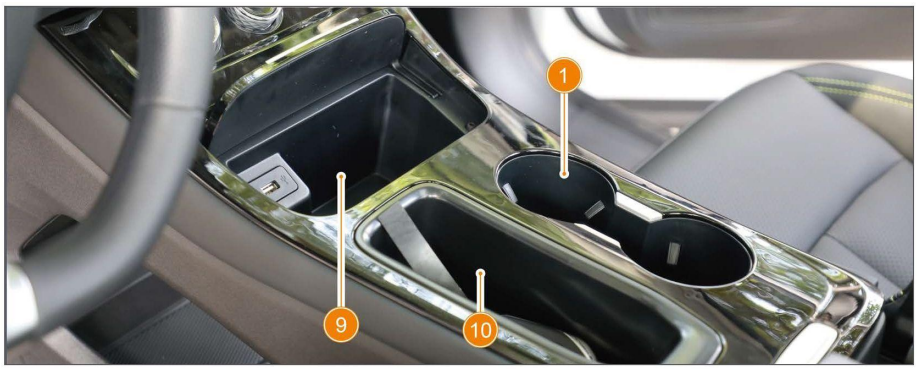


1. Front passenger cup holder
2. Driving mode button
3. Hill descent control (HDC) button
4. Automatic parking switch *
5. AUTO HOLD switch
6. Parking brake (EPB) switch
7. P gear button
8. Gearshift lever
9. Upper storage compartment of console
10. Storage sinks of console

Traction battery

Maintenance of traction battery

1. Please park the vehicle indoors as far as possible and avoid parking it in an environment with excessively high or low temperature for a long time. When the ambient temperature is too high, the service life of the traction battery will be reduced and the risk of thermal runaway will increase. When the ambient temperature is too low, the endurance mileage of the vehicle will decrease and the charging time will also be extended.

2. If the traction battery runs out completely, it will be damaged. Please charge it in time when the vehicle prompts that the traction battery is too low. When the charging reminder indicator light on the instrument cluster illuminates, please stop using the vehicle immediately and charge it in time.

3. Long-term storage of the traction battery with low SOC will cause irreversible damage to it. Therefore, when the vehicle is not used for a long time, please fully charge the traction battery before storage. It is recommended that the traction battery should be discharged to 15%~50% and then charged to 100% at least once every 3 months.

4. After parking, close the doors and windows tightly to prevent a large amount of rainwater from entering the vehicle and causing traction battery failure.

5. When washing the vehicle, do not directly wash the connectors around the traction battery to avoid damaging the traction battery.

6. When passing through bumpy roads, gravel roads or roads with convex obstacles, please pass slowly or avoid obstacles to avoid damage to the vehicle chassis or traction battery.

Attention

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 instrument cluster illuminates, check as per the following steps immediately:

1. Park the vehicle safely at roadside, shift to P position, pull up EPB switch, turn off all electrical appliance switches and turn on hazard warning light.

2. If the traction battery overheats due to overload, it will cool down immediately after the vehicle is stopped. In this case, you should wait until the powertrain fault warning light goes out before continuing driving.

3. Check whether there is obvious coolant leakage, such as breakage of the expansion tank hose. At this time, all components are in a scorching status, so please be careful. If any leakage is found, please contact the authorized service station of Dongfeng Forthing as soon as possible.

4. If no obvious leakage is found, check the coolant level in the reservoir. If the level is below the lower limit (MIN) mark or there is no coolant, add coolant in time to keep the coolant level between the upper and lower marks, and reinstall and tighten the fluid reservoir cap.

5. Check whether the A/C system works normally. If not, please contact an 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 status, the 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 battery to recycling service stations. Anyone who hands over used traction battery to other organizations or individuals, and removes or disassembles traction battery without permission shall bear corresponding responsibilities if environmental pollution or safety accidents are caused thereby.

Charging precautions

1. After charging, please ensure that the charging port protection cover is closed. If only the charging port cap is closed without closing the charging protection cover, water or foreign matters may enter the charging port, resulting in failure to charge.

2. When the traction battery is being charged, do not try to perform jump start on a 12 V low-voltage battery. Otherwise, the vehicle or charging equipment may be damaged and personal injury may be caused. Please refer to "Jump Start" in Chapter X "Emergency Self-Handling" for specific methods of jump start.

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

4. Make sure that a special charging power supply is used before connecting the portable charging plug or AC charging pile. Do not use a power strip or 10 A-to-16 A adapter to connect a portable charging plug for charging.

5. Charging temperature range of traction battery: -20 °C~54 °C.

6. The temperature of the traction battery is not equal to the ambient temperature. The temperature of the traction battery will be basically consistent with the ambient temperature after being placed in the environment for about 12~18 hours when it is stationary.

7. The traction battery is a ternary material battery or lithium-ion material battery, and its electrolyte is chemical material. Due to the composition and proportion of chemical materials, charging the traction battery at low temperature easily leads to its service life attenuation, which poses potential safety hazards. It is recommended to charge it at a temperature above 0 °C as far as possible.

8. During vehicle charging, if the ambient temperature is low, the traction battery heating system will be turned on and [Battery pack heating] will be displayed on the instrument cluster; when the traction battery temperature reaches the specified value, the message will go out.

9. When the vehicle is in service, if the ambient temperature is low, the traction battery heating function will be activated. When the traction battery temperature reaches the specified value, the traction battery heating function will stop. If the vehicle is in a charging status and the traction battery heating function is activated, the instrument cluster of the vehicle will display the prompt text [Battery pack heating]. After heating, the prompt disappears.

10. Charging time is greatly affected by ambient temperature and charging pile parameters, and may be different under different working conditions. The estimated charging time in this document is for reference only and shall not be used as the basis for judging the quality of vehicle components.

11. If 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.

12. When the ambient temperature is below 0 °C, please charge immediately after the vehicle stops running as far as possible.

13. 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.

14. Do not open or close the engine hood when the charging port cap is open.

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

16. The chemical characteristics of the traction battery determine that its performance will deteriorate with the increase of cycle times. In order to slow down the attenuation of the traction battery, please use slow charging as much as possible. At the same time, the maximum quick charging current of the vehicle will be appropriately reduced according to the performance of the traction battery.

Attention

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

- Do not close the charging port cap when it 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.
- If conditions permit, it is recommended to use a separate DC charging pile for charging the vehicle to ensure sufficient charging power.
- Do not drive the vehicle without a traction battery heating system to an area with a temperature below 0 °C.
- Do not insert an AC charging plug and a DC charging plug for charging at the same time.
- 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.
- When the weather is cold, choose warm locations such as basements for charging, as this can reduce the charging time.
- 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.
- During vehicle charging, if the power grid fluctuates greatly, the charging power will fluctuate, and even charging may be suspended.
- After the traction battery is fully charged, the system will automatically stop charging.
- When using a portable household AC charging plug, pull out the AC charging plug and then disconnect the power plug when stopping charging.

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 port, charging plug or power plug.
- Do not use extension cables or electrical plug adapters.
- Do not disassemble or modify the charging port, portable charging plug, on-board discharging plug and AC charging pile.
- Do not use a charging plug, AC charging pile or DC charging pile that does not meet the requirements of national standards for charging.
- 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.

- Open-air charging in thunderstorm weather is prohibited. Lightning shock may cause damage to the charging equipment, and soaking in rainstorms may also cause damage to the traction battery due to short circuit.
- 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, please make sure that there is no water or foreign matter in the charging port, charging plug or power plug, and the charging equipment is not damaged or corroded. If any condition is found, do not charge 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.
- Before starting the vehicle, make sure that the charging plug has been removed from the charging port.

Charging port

AC charging port

The AC charging port is located on the right rear side of the vehicle.

Opening and closing of AC charging port cap

Open

When the vehicle needs to be charged, press the left side of the AC charging port cap to open the charging port cap, pull out the protective cover of the AC charging port, and connect the charging connection equipment with the charging port.

Close

After charging is completed, pull out the AC charging plug, put back the charging port protection cover, press the left side of the AC charging port cap, and close and lock the AC charging port cap.

AC charging port lock

If the AC charging port is locked, press the unlock button on the smart key, and the charging plug and the AC charging port will change from being locked to being unlocked. At this time, the charging plug can be pulled out normally.

DC charging port

Type I

The DC charging port is located on the left rear side of the vehicle.

Type II

The DC charging port is located right in front of the vehicle.

Opening and closing of DC charging port cap

Open

When the vehicle needs to be charged, press the right side of the DC charging port cap to open the charging port cap, pull out the protective cover of the DC charging port, and connect the charging connection equipment with the charging port.

Close

After charging is completed, pull out the DC charging plug, put back the protective cover of the charging port, press the right side of the DC charging port cap, and close and lock the DC charging port cap.

DC charging port lock

When charging stops, if the DC charging port is locked, unlock it according to the unlocking steps of the charging pile, and then pull out the charging plug normally.

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 gun that meets the national standards GB/T 20234.1-2015 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. Shift the gear to P position and pull up the EPB switch.

2. Before charging the vehicle, it is recommended to put the start switch to "OFF" position and turn off the A/C.

The following phenomena may occur if the ignition switch is not set to "OFF" position:

a) The vehicle cannot go to sleep after charging.

b) The 12 V low-voltage battery is seriously lack of power.

c) The vehicle cannot be started and charged.

3. Open the AC charging port cap and protective cover.

4. Take out the portable charging plug.

5. Remove the shield from the portable charging plug interface.

6. Check whether the three-pin socket of household power supply is

reliably grounded.

7. Before charging, if you need to lock the charging plug, please make sure that all doors are closed. Press the lock button on the smart key or press the locking area on the driver's door handle with the smart key carried. For details, please refer to "Opening, Closing and Locking of Doors" in Chapter V. The charging plug will be locked at the same time as the door is locked. If the charging plug is inserted for charging when the door is locked, the charging plug will be automatically locked 10 s later after it is in the charging status. If the door is not locked during charging, the system will continuously limit the charging current to less than 16 A. After both the door and the charging plug are locked, the charging current will be controlled according to the specification of the charging plug; at this time, it is normal for the remaining charging time on the instrument cluster to change.

8. After charging is completed, if you need to remove the charging plug, first press the unlock button on the smart key or carry the smart key and hold the inner unlocking area of the driver's door handle. See "Opening, Closing and Locking of Doors" section in Chapter V for details. Remove the charging plug after the door is unlocked.

9. Install the portable charging plug shield and pull out the portable charging gun plug from the power supply. Wind the portable charging plug and put it back to the fixed position in the vehicle.

10. After charging is completed, put back the charging port protection cover, press the left side of the AC charging port cap, and close and lock the AC 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.

Estimated charging time of household 16A socket

For AC charging with a portable charging plug, the estimated time for charging the traction battery from 0% to 100% is as follows:

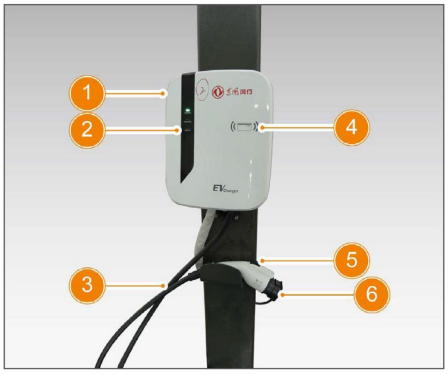
Traction Battery Temperature	LZ6460X PD0EV	LZ6460X PF0EV	LZ6460X LD0EV
-20℃ ~0℃	About 24h	About 35h	About 20h
0℃ ~45℃	About 23h	About 34h	About 17h
45℃ ~54℃	About 24h	About 35h	About 17h

Attention

The charging time may be different due to various factors such as charging limit, exterior temperature and age of the traction battery.

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. Only one application method of AC charging pile is introduced below. For details about how to use an AC charging pile, please refer to its instructions.



1. Emergency switch
2. AC charging pile status indicator light
3. Charging cable
4. AC charging pile body
5. Charging plug release button

6. Charging plug

Description of AC charging pile status indicator light

Light Power Supply	Light Signal Charge	Light Signal Fault	Status
			Initialization setting of charging pile
			The initial setting of the charging pile is completed, and it enters standby mode
			Card swiping authentication succeeded, but the charging plug is not connected to the charging port
			Charging pile access Charging procedures
			Occurrence of abnormal status caused by external factors
			Abnormal status caused by damage to internal components of charging pile
			The input ground wire is not connected

Symbol	Definition
	Steady on
	Slow flashing (period = 2000 ms, distribution ratio = 50%)
	Fast blinking (period =800 ms, distribution ratio =50%)
	Going off

No.	LED Indicator Light Signal	Recommended Operation
1	 The green power indicator light is not on	Confirm whether the input voltage is normal. If the voltage is normal, turn the power circuit breaker off and on again. If the problem persists, please contact the customer service center.
2	 The green charging indicator light is not on	Verify that two short tones are sounded when swiping the card. If there are no two short tones, it means that the card is wrong or the device cannot sense the card. If there is no other response within 30 seconds after confirmation, it means that the card authentication fails. Please contact the customer service center.
3	 Red fault indicator light flashes	Please separate the charging plug from the vehicle charging port. If the problem is eliminated, please continue the charging process. If it is not eliminated, please contact the customer service center.
4	 Red fault indicator light is always on	Confirm whether the charging plug is separated from the vehicle charging port. Restart the charging equipment. If the problem persists, please contact the customer service center.

Attention

Due to different models of AC charging piles, the description of AC charging pile status indicator light shall be subject to the instructions for use of actual charging piles.

Operation steps

1. Shift the gear to P position and pull up the EPB switch.

2. Before charging the vehicle, it is recommended to put the start switch to "OFF" position and turn off the A/C.

The following phenomena may occur if the ignition switch is not set to "OFF" position:

a) The vehicle cannot go to sleep after charging.

b) The 12 V low-voltage battery is seriously lack of power.

c) The vehicle cannot be started and charged.

3. Open the AC charging port cap and protective cover.

4. Remove the charging plug from the AC charging pile.

5. Connect the charging plug to the AC charging port on the vehicle. If the connection is normal, the charging connection indicator light on the instrument cluster will be normally on.

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

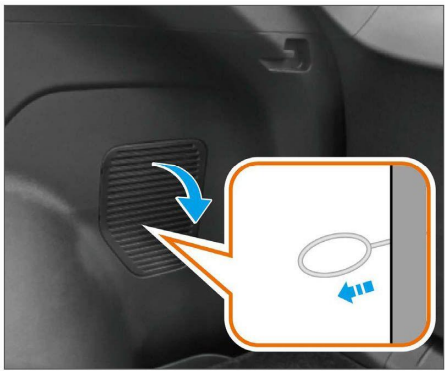
7. Before charging, if you need to lock the charging plug, please make sure that all doors are closed. Press the lock button on the smart key or press the locking area on the driver's door handle with the smart key carried to lock the doors. For details, please refer to "Opening, Closing and Locking of Doors" in Chapter V. When the door is locked, the charging plug will also be automatically locked. If the charging plug is inserted for charging with the door locked, the charging plug will be controlled to be automatically locked after being in the charging status for 10 s. If the door is not locked during charging, the system will continuously limit the charging current to less than 16 A. After both the door and the charging plug are locked, the charging current will be controlled according to the specification of the charging plug; at this time, it is normal for the remaining charging time on the instrument cluster to change.

8. After charging is completed, stop the charging function according to the operation steps and methods indicated on the AC charging pile. If you need to unplug the charging plug, first press the unlock button on the smart key or carry the smart key and hold the inner unlock area of the driver's door handle to unlock the door (see "Opening, Closing and Locking of Door" section in Chapter V for details). Unplug the charging plug after the door is unlocked.

9. 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.

10. After charging is completed, put back the charging port protection cover, press the left side of the AC charging port cap, and close and lock the AC charging port cap.

Emergency unlocking of AC charging plug



If the AC charging plug still cannot be pulled out after pressing the unlock button on the smart key or unlocking the door by carrying the smart key and holding the unlock area on the inner side of the driver's door handle, open the trunk lid, remove the right body maintenance hatch cover and pull out the emergency unlocking tab for a certain distance to unlock the AC charging plug in an emergency.

Estimated charging time of AC charging pile

On the premise that the power of AC charging pile is 7 kw, the estimated time for charging the traction battery from 0% to 100% is shown in the following table:

Traction	LZ6460X	LZ6460X	LZ6460X

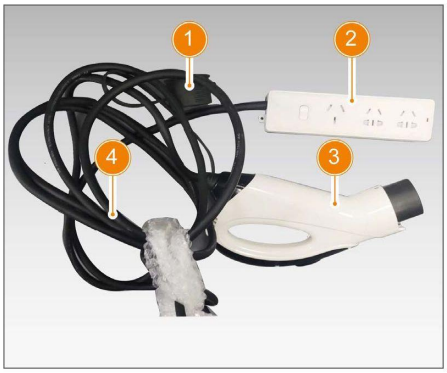
Battery Temperature	PD0EV	PF0EV	LD0EV
-20℃ ~0℃	About 10h	About 15h	About 10h
0℃ ~45℃	About 9h	About 14h	About 8h
45℃ ~54℃	About 10h	About 15h	About 8h

Attention

The charging time may be different due to various factors such as charging limit, exterior temperature and age of the traction battery.

220V AC discharge*

On-board discharging connection equipment



1. On-board discharging plug shield
2. 220 V output strip
3. Discharging plug
4. Discharging plug cable

Operation steps

1. Shift the gear to P position and pull up the EPB switch.

2. Please confirm that the traction battery capacity displayed on the instrument cluster is greater than 30%.

3. Take out the on-board discharging plug from the trunk and remove its shield.

4. Open the AC charging port cap and protection cover, and fully insert the discharging plug head into the AC charging port.

5. Press the switch on the power strip to discharge.

6. After discharging, turn off the discharging electrical equipment and press the power strip switch to disconnect the power supply.

7. Before discharging, make sure that all doors are closed before locking the discharging plug. Press the lock button on the smart key or press the locking area on the driver's door handle with the smart key carried to lock the doors. For details, please refer to "Opening, Closing and Locking of Doors" in Chapter V.

8. After charging is completed, if you need to remove the discharging plug, first press the unlock button on the smart key or carry the smart key and hold the inner unlock area of the driver's door handle to unlock the vehicle doors,

See "Opening, Closing and Locking of Doors" section in Chapter V for details. After the door is unlocked, remove the discharging plug.

9. Install the discharging plug protective cover, and then put it back to the specified position in the trunk and fix it.

10. Put back the charging port protection cover, press the left side of the AC charging port cap, and close and lock the AC charging port cap.

Attention

- When the traction battery SOC is lower than 30%, it will automatically stop discharging and disable the AC discharging function.
- The charging port for 220 V AC discharging is the same as that for AC slow charging, so the locking and unlocking operations of the discharging plug are also the same as those of the slow charging plug.
- When using a discharging plug for vehicle-to-vehicle charging, please use a portable charging plug conforming to the national standard. At this time, it is normal that the charging plug grounding fault light illuminates.

Warning

- Do not impact or drag the discharging equipment, and do not pull out the discharging cable.
- Do not store or use the discharging

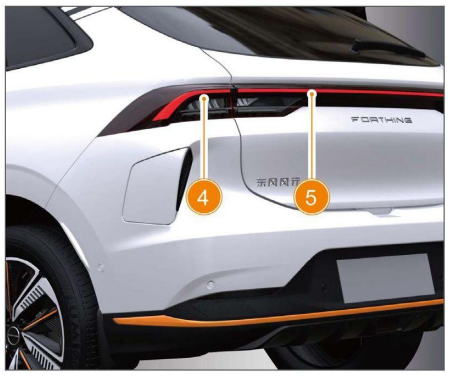
equipment in a place with water or near heat sources.

- Please use the specified discharging equipment. Otherwise, safety accidents may be caused.
- Do not use the discharging equipment when the insulation layer or power strip is damaged.
- When using the AC discharging function, please use a discharging plug conforming to standards GB/T 20234.1-2015 and GB/T 20234.2- 2015; otherwise, it may cause vehicle failure or safety accident.
- When using the AC discharging function, it is recommended to put the start switch to "OFF" position and turn off the A/C.
- When using the AC discharging function, the total power of electrical appliances shall not exceed 3 kw; otherwise, it may cause safety accidents.

Charging status indicator

02

Turn on the light signal mode switch. After the vehicle is unlocked, when the vehicle is being charged, the exterior lights will flash with the rhythm of charging status.



Charging Status	Triggering Mode	Description of Light Signal
Charging	1. When the vehicle is unlocked and the position light or high/low beam is turned off, insert the charging plug for charging. 2. When the vehicle is locked and then unlocked.	1. ①②③ The notification indicator is on for 30 seconds; ④ The notification indicator is on; ⑤ Light up the background color to display the current battery level. Water flows from right to left (flashing when the traction battery level is greater than 90%) for a total of 30 seconds. 2. Light signal in 1 can be triggered again for 30 seconds.
Charging completed	1. When the vehicle is unlocked, with the position light or high/low beam turned off, charging is completed and the charging plug has not been pulled out. 2. The vehicle is in the locked status when the door and charging plug are unlocked after charging.	①②③④⑤ are on for 30 seconds.
Charging fault	1. When the vehicle is unlocked and the position light or high/low beam is turned off, a fault occurs when the charging plug is inserted for charging. 2. When the vehicle is locked and the door and charging plug are unlocked in case of a fault during charging.	①②③④⑤ flashes for 30 seconds.

DC charging pile charging

DC charging piles are not equipped with the vehicle and need to be provided by the owner. Please use DC charging piles that meet the national standards GB/T 39752-2021, GB/T 20234.3-2015 and GB/T 27930-2015. The following only introduces the operation method of DC charging piles.

Operation steps

1. Shift the gear to P position and pull up the EPB switch.

2. Before charging the vehicle, it is recommended to put the start switch to "OFF" position and turn off the A/C.

The following phenomena may occur if the ignition switch is not set to "OFF" position:

a) The vehicle cannot go to sleep after charging.

b) The 12 V low-voltage battery is seriously lack of power.

c) The vehicle cannot be started and charged.

3. Open the DC charging port cap and protective cover.

4. Insert the DC charging plug into the DC charging port.

5. DC charging shall be carried out according to the operation instructions of DC charging pile.

6. After the vehicle is charged, the automatic control system of DC charging pile can automatically end the charging. 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. After charging, put back the charging port protection cover, press the right side of the DC charging port cap, and close and lock the DC charging port cap.

9. During DC charging, if the DC charging pile detects abnormality and stops charging, "Charging pile fault" will be displayed on the instrument cluster. In this case, it is recommended to replace with another charging pile for charging. If "Charging pile fault" is still displayed on the instrument cluster after replacement, it is recommended to contact an authorized service station of Dongfeng Forthing for inspection of the vehicle.

Attention

- It is recommended to use DC charging piles conforming to GB/T 39752-2021, GB/T 20234.3-2015 and GB/T 27930-2015 for DC charging; otherwise, it may cause fault or fire, resulting in casualties.
- Before DC charging, please read the operating instructions on the DC charging pile carefully and use it in strict accordance with the operating instructions.
- It is strictly prohibited to pull out or insert the DC charging plug at will during charging. If you need to stop charging, please operate in strict accordance with the operating instructions on the DC charging pile.
- After charging stops, the DC charging pile will still run for a while. Pull out the DC charging plug after the charging pile stops running.

Estimated charging time of DC charging pile

On the premise that the DC charging pile can output 80 kw charging power, the estimated time for charging the traction battery from 0% to 80% is shown in the following table:

Traction Battery Temperature	LZ6460X PD0EV	LZ6460X PF0EV	LZ6460X LD0EV
-20℃ ~0℃	About 3h	About 2.5h	About 2.5h
0℃ ~25℃	About 2.5h	About 2h	About 2h
25℃ ~45℃	About 1.5h	About 1h	About 1h
45℃ ~54℃	About 2h	About 1.5h	About 1.5h

Attention

The charging time may be different due to various factors such as charging limit, exterior temperature and age of the traction battery.

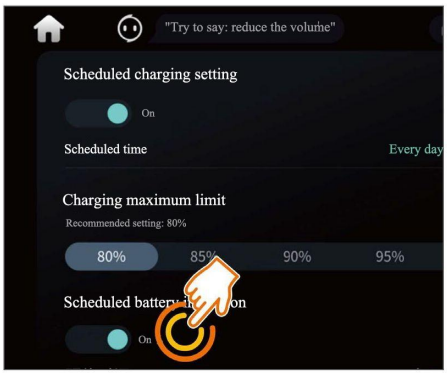
During charging, changes in traction battery temperature and grid voltage will change the charging output power of the charging pile, resulting in a change in the remaining charging time displayed on the instrument cluster. This is a normal phenomenon. The lower the traction battery temperature, the longer the charging time required.

To prolong the service life of the traction battery, the charging current requested by the vehicle from the DC charging pile will gradually decrease as the SOC increases. After the SOC is greater than 80%, the vehicle will change from high-power charging to low-power charging. When the temperature is between 25 °C and 45 °C and the grid voltage is stable, it takes about 1 hour to charge the traction battery from 80% to 100%.

In the process of quick charging, if the charging stops due to abnormality of the quick charging pile, the instrument cluster will display "Charging Pile Fault". It is recommended to replace the charging pile for charging. If the instrument cluster still displays "Charging Pile Fault" after replacing multiple charging piles, it is recommended to contact an authorized service station of Dongfeng Forthing.

Traction battery in-transit heating*

When you are looking for a quick charging pile when driving in cold weather, press the [Scheduled battery insulation] switch on the display screen about 1 hour in advance to enable the traction battery in-transit heating function and heat the traction battery to the most suitable temperature range before charging, thus shortening the quick charging time.



It is recommended to turn on the traction battery in-transit heating function when the ambient temperature is less than 10°C, the remaining capacity of the traction battery of the instrument cluster is greater than 25% and there is a need to shorten the quick charging time.

Attention

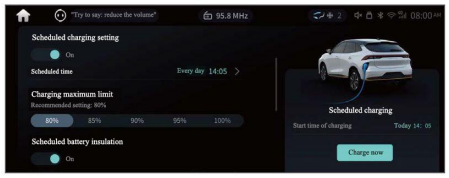
- The traction battery in-transit heating function cannot be activated when the vehicle is not started, the traction battery temperature is higher than 19°C or the traction battery SOC of the instrument cluster is less than 20%.
- The in-transit heating function of the traction battery will be automatically turned off 2 hours after it is turned on.

Scheduled charging

Enter the scheduling interface

Tap the [Energy center] icon on the home page of the display screen to enter the energy center application interface.

Make scheduling settings



1. Click [Scheduled charging setting] to enable/disable the scheduled charging function.

2. Click [Scheduled time] to select whether it can be turned on every day or only once, and select the charging time as required.

Attention

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

- Charging pile does not work (including power grid outage, charging pile fault, etc.).
- The vehicle has a charging prohibition fault.
- Insert the DC and AC charging plugs at the same time.
- You need to set scheduled charging first, and then insert the AC charging plug. Scheduled charging cannot be set when the charging plug is inserted.

Attention

- 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.
- When [Start/End mode] is used for scheduling settings, if the start time and end time are set to be the same, it means that the interval between the start time and end time is 24 hours.

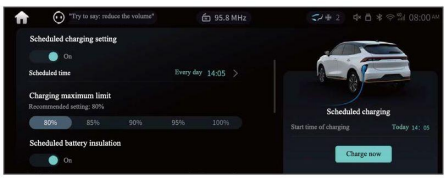
Scheduled traction battery thermal insulation

The scheduled traction battery thermal insulation function can be enabled through the display screen. After a full charge is scheduled in cold weather, the traction battery thermal insulation reservation function can be activated about 1 hour before driving to heat the traction battery to an appropriate temperature range and improve the endurance mileage of the vehicle.

Enter the scheduling interface

Tap the [Energy center] icon on the home page of the display screen to enter the energy center application interface.

Make scheduling settings



1. Click [Scheduled battery insulation] to enable/disable the traction battery thermal insulation reservation function.

2. This function will preferentially use the electric energy of the charging pile to insulate the traction battery at a low temperature, so as to improve the endurance of the traction battery at a low temperature, but it will increase the charging power consumption.

3. This function can be enabled

every day or only once, and the temperature holding time can be selected as required.

4. It is recommended to use this function when a charging plug with a specification greater than 32 A is used for charging; otherwise, the electric energy of the charging pile may be insufficient and the plug heat preservation may be completed by using the electricity charged in the traction battery.

Attention

- If the vehicle is currently being charged (not fully charged) and the scheduled traction battery thermal insulation time is up, it will automatically enter the traction battery thermal insulation mode after full charging.
- The thermal insulation function of the traction battery will automatically turn off 1 hour after it is turned on.

Common troubleshooting for charging

Symptom	Possible Cause	Solution
Unable to charge or unable to discharge at 220 V	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.
	12 V low-voltage battery voltage is too low	If the voltage of the 12 V low-voltage battery is lower than 9 V, charge it or jump start the vehicle before charging. Please refer to "Jump Start" in Chapter VIII "Fault Emergency Treatment".
	Vehicle fault	If the vehicle is faulty, please first confirm whether the warning light on the instrument cluster illuminates or indicates a charging fault. If a warning or charging fault is displayed, stop charging and contact an authorized service station of Dongfeng Forthing.
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 upper limit of power for charging can be set in the "Energy" on the multimedia display screen.
	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 an authorized service station of Dongfeng Forthing.
	The charging source is not supplying power normally	
	The 50 HZ and 200 V power supply conforming to the national grid is not used	
	The traction battery is fully charged	Disconnect the charging plug, start the vehicle and check whether the SOC pointer points to 100%. If it points to 100%, it means that 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 quick charging pile is malfunctioning	Confirm whether the instrument cluster prompts a charging pile fault. If "Charging Pile Fault" is displayed, it indicates that the fault is caused by abnormal quick charging pile. It is recommended to replace the charging pile for charging. If "Charging Pile Fault" is still displayed after replacement, it is recommended to contact an authorized service station Dongfeng Forthing 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 plug not connected	Correctly connect the charging plug.
	Immediate charging	When immediate charging is selected, scheduled charging cannot

Symptom	Possible Cause	Solution
charging function	button is pressed	be performed.
	No scheduled charging timer has been set	Set the schedule for the scheduled charging timer. Refer to "Scheduled Charging" 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, and 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 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 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	If the vehicle is faulty, please first confirm whether the warning light on the instrument cluster illuminates or indicates a charging fault. If a warning or charging fault is displayed, stop charging and contact an authorized service station of Dongfeng Forthing.
Stop in the middle of discharging *	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	If the vehicle is faulty, please first confirm whether the warning light on the instrument cluster illuminates or indicates a charging fault. If a warning or charging fault is displayed, stop charging and contact an authorized service station of Dongfeng Forthing.

Seat belt

Precautions for using seat belt

Before driving the vehicle, be sure to read this chapter, which will help you get familiar with the correct operation method of the vehicle seat belt and drive the vehicle safely.

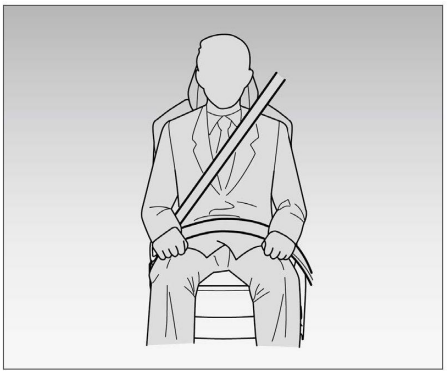
Attention

- Each passenger shall wear the seat belt correctly when taking a ride in the vehicle. Only when the seat belt is worn correctly can SRS play a protective role and protect the safety of the driver and passengers to the greatest extent in an accident.
- In case of emergency braking in case of an accident, the seat belt will tie the driver and passengers to the seats to prevent the body from rushing forward, thus protecting the driver and passengers from secondary collision.
- When a child safety seat is placed on the seat or the passenger on the current seat is not suitable to wear the seat belt, it is only necessary to keep the seat belt in a normal retracted status.

Warning

- Be sure to wear the seat belt correctly. Do not cross the seat belt across the lower abdomen. Otherwise, the seat belt will strongly press the lower abdomen in case of an accident, increasing the risk of injury.
- The shoulder seat belt shall be adjusted to the most suitable position. Do not place the shoulder seat belt under the arm. Tighten the seat belt as much as possible, otherwise it will reduce the efficacy and increase the risk of injury.
- 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.
- When a child rides in the vehicle, be sure to use a suitable protective device and do not let the child sit on the front seats.
- Each passenger is allowed to use only one seat belt. Do not hold an infant or child in your arms and then bypass them to fasten the seat belt; otherwise, passengers will be seriously injured in accidents.

Correct use of seat belt



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

2. Wear the lap portion of the 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.

4. Do not twist the seat belt.

Fasten and release the seat belt

1. Pull out the seat belt from the retractor and insert the lock tongue into the buckle until a "click" sound is heard, indicating that the seat belt is locked.

2. To release the seat belt, press the release button on the buckle.

Height adjustment of seat belt

1. Press the upper part of the seat belt shoulder belt height adjuster, move it up and down to the desired position, and then release it until a "click" sound is heard.

2. Try to move the adjuster down without pressing to make sure it is locked in place.

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.

Attention

The pretensioner may not be activated in the event of a minor frontal, side, rear collision or rollover.

Unfastened seat belt alarm

The vehicle is equipped with a front seat belt warning light. When it is detected that the front passenger has not fastened his/her seat belt, the corresponding warning light on the instrument cluster will illuminate and the buzzer will keep alarming until he/she fastens the seat belt.

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 the authorized service station of Dongfeng Forthing.

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.

SRS

When the degree of frontal or side collision meets the deployment requirements of SRS, SRS will be inflated and deployed to reduce the impact injuries to the heads and chests of the driver and passengers.

Precautions for use of SRS

1. There is an SRS warning sign on the right sun visor. Do not place a rear-facing child safety seat on the seat protected by SRS (activated). Otherwise, the inflated frontal SRS 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 instrument panel or paste it on the steering wheel trim cover or other positions, because these objects may be ejected when the SRS deploys, 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 SRS deploys, these items may eject and cause casualties to passengers.

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

5. When SRS deploys, it will be accompanied by a loud noise, which may temporarily affect hearing.

6. If you feel difficult to breathe after SRS deployment, please open the door or window for ventilation, or leave the vehicle when safety is ensured, and rinse the residue on your body as soon as possible to avoid skin irritation.

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

Position and deployment of SRS

Front SRS

1. Driver side SRS
2. Front passenger side SRS

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

Front side airbag*

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

Side curtain SRS*

The side curtain SRS help protect the heads of the driver, the front passenger and the rear outboard passenger.

⚠ Warning

As the front side airbags and side curtain SRS 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 SRS

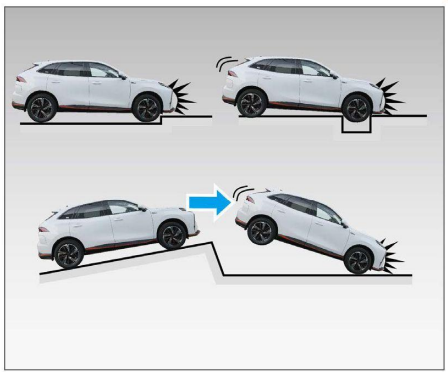
The front SRS are deployed when the vehicle collides with a solid wall at a speed of 25 km/h or more.

Deployment conditions of front side airbag and side curtain SRS

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

Possible deployment (inflation) of front SRS (except collision)

The front SRS may be deployed if the bottom of the vehicle is severely impacted. Some examples are shown in the figure.



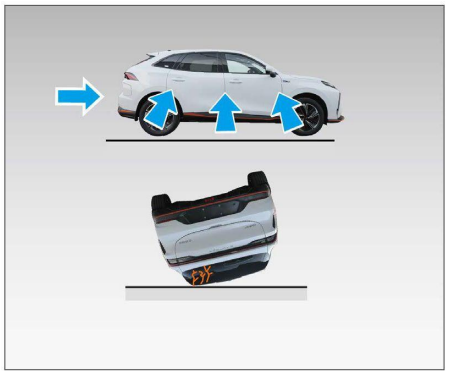
1. Collide with curb, sidewalk edge or hard surface

2. Fall into or drive over a deep pit

3. Wheel hard landing or vehicle fall

Undeployment condition of front SRS under several types of collisions

Generally, the front seat SRS may not be deployed in case of side collision, rear collision, rollover or low-speed frontal collision. However, regardless of the type of collision, the front SRS may be deployed as long as the vehicle generates sufficient forward deceleration.



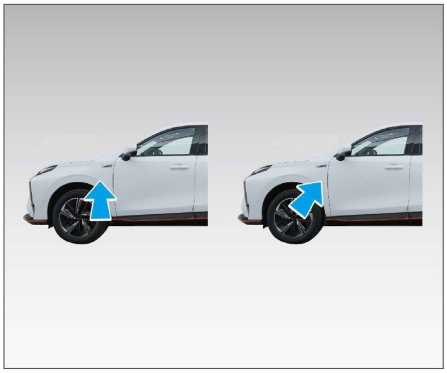
1. Rear collision

2. Side collision

3. Rollover

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

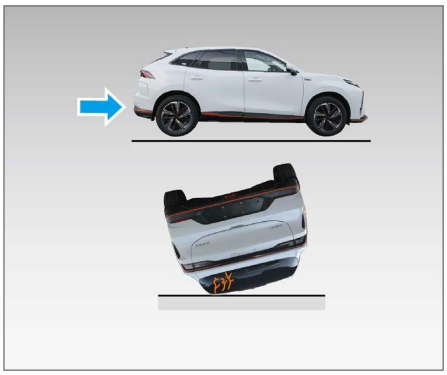
The front side airbag and side curtain SRS may not be deployed if the side collision of the vehicle at a certain angle to the vehicle body, or the side collision of vehicle body is not the passenger compartment.



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

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

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



1. Rear collision

2. Rollover

Event data recorder (EDR)

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

S/N	Parameter Name	Meaning	Unit
4	Clipping flag	Time when the acceleration (lateral and longitudinal) collected by EDR reaches the sensor range for the first time	ms
5	Vehicle speed	Wheel linear speed	km/h
6	Service brake, on/off	Used to detect whether the driver has depressed the brake pedal	/
7	Driver's seat belt status	Status of driver seat belt buckle switch	/
8	Accelerator pedal position, percentage of fully open position	The percentage of the actual position of the accelerator pedal relative to the fully depressed position by the driver	/
9	Power-on cycle during the 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 identification number (VIN)	/
14	Hardware number of ECU 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	Software number of ECU for recording EDR data	Software number of the EDR device	/
17	Longitudinal acceleration	Component of vector acceleration at a certain point on the vehicle in the X-axis direction	g
18	Lateral acceleration	Component of vector acceleration at a certain point on the vehicle in the 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 Y-axis direction	km/h
20	Maximum recorded lateral delta-V	EDR records the maximum cumulative change of vehicle speed in Y-axis direction	km/h
21	Square of maximum recorded resultant delta-V	The maximum value of the sum of squares of longitudinal delta-V and lateral delta-V, as recorded by EDR	km/ h* km/h
22	Time to reach maximum recorded 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	Time taken for the square sum of	ms

S/N	Parameter Name	Meaning	Unit
	of maximum recorded resultant delta-V	longitudinal delta-V and lateral delta-V recorded by EDR to reach the maximum value	
24	Yaw rate	Change in vehicle angle relative to Z-axis before and during an event, which is applicable to vehicles with electronic stability control systems	Degree/s
25	Steering angle	Angular coordinates of steering wheel, applicable to vehicles equipped with steering angle sensor	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 in which the event occurs	/
28	Month-	The month in which the event occurs	/
29	Day	The day on which the event occurs	/
30	Hour	Time on the day of event	/
31	Minute	Time on the day of event	/
32	Second	Time on the day of event	/
33	Gear	Actual gear, which is applicable to vehicles with bus transmitting this signal	/
34	Brake pedal position	Actual brake pedal position, which is applicable to vehicles with brake pedal position sensor	%
35	Parking system status	Status used to detect whether the parking brake is activated, which is applicable to vehicles with bus transmitting the status of parking system	/
36	Turn signal switch status	State of the switch used to indicate the vehicle's intention of turning or changing lane, which is applicable to vehicles with turn signal transmitted through bus	/
37	Driver seat belt pretensioner deployment time	Time from the starting time of impact event to the time when the driver's seat belt pretensioner sends out ignition command	ms
38	Driver's front airbag deployment time (first stage)	Time from the starting time of impact event to the first-stage ignition instruction of driver's front airbag	ms
39	Driver's front airbag deployment time (second stage)	Time from the starting time of impact event to the second-stage ignition instruction of driver's front airbag	ms

S/N	Parameter Name	Meaning	Unit
40	Driver's side airbag deployment time	Time from the starting time of impact event to the time when the driver's side airbag sends out ignition command	ms
41	Driver's side curtain airbag deployment time	Time from the starting time of impact event to the time when the driver's side airbag curtain device sends out ignition command	ms
42	Front passenger's seat belt status	Seat belt buckle switch status of front passenger, which is applicable to vehicles with seat belt reminder	/
43	Front passenger seat belt pretensioner deployment time	Time from the starting time of impact event to ignition command sent by front passenger's seat belt pretensioner	ms
44	Front passenger's front airbag suppression status	Restraint status displayed for front passenger's front airbag, which is applicable to vehicles with front airbag restraint switch	/
45	Front passenger's front airbag deployment time (first stage)	Time from the starting time of impact event to the first-stage ignition instruction of front passenger's front airbag	ms
46	Front passenger's front airbag deployment time (second stage)	Time from the starting time of impact event to the second-stage ignition command sent by the front passenger's front airbag	ms
47	Front passenger's side airbag deployment time	Time from the starting time of impact event to ignition command sent by front passenger's side airbag	ms
48	Front passenger's side curtain airbag deployment time	Time from the starting time of impact event to the time when the front passenger's side curtain airbag device sends out ignition command	ms
49	Passenger protection system alarm status	Fault status of occupant protection system, which is applicable to vehicles with bus transmitting alarm status of occupant protection system	/
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 bus transmitting this alarm status	/
51	Brake system alarm status	Fault status of brake system, which is applicable to vehicles with bus transmitting such alarm status	/
52	Cruise control system status	Operating status of cruise control system	/
54	ABS status	Operating status	/

S/N	Parameter Name	Meaning	Unit
		of anti-lock braking system, which is applicable to vehicles with a bus transmitting the status of anti-lock braking system	
55	Automatic emergency braking system status	Operating status 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 synchronization timing time	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 aligning different data over time	ms

The EDR system is integrated in the SRS 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. The former is the data recorded when EDR recording conditions are met but SRS deployment conditions are not met. The latter is the data recorded when the SRS 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.

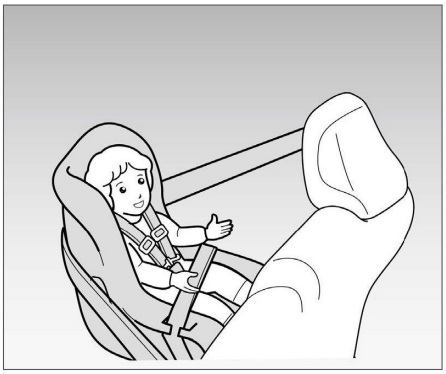
Older children must wear a three-point seat belt for protection, and if necessary, an auxiliary cushion shall be installed.

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

Warning

- Do not allow children to carry or use the smart key.
- Children may start the vehicle or put the gearshift lever in neutral. Children may also hurt themselves when playing with windows, sunroofs, panoramic sunroofs or other vehicle equipment.
- 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.

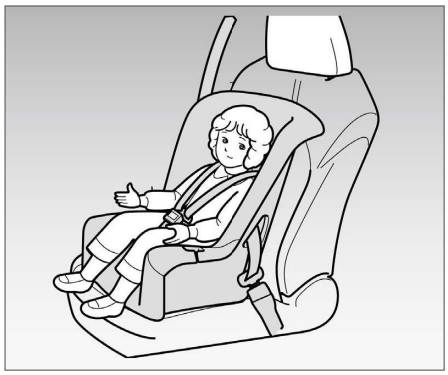
Protective measures for infants



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.

Child restraint system (CRS) (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 three-point seat belts for child protection, the rear seats are also provided with two child restraint systems with standard "ISOFIX" interfaces, and appropriate child restraint systems can be selected as required.

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 (9 KG to 18 KG)	X	U	U	X
Group II (15 KG to 25 KG)	X	U	U	X
Group III (22 KG to 36 KG)	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	E	ISO/R1	X	IL	X	X
Group 0+, less than13 KG	E	ISO/R1	X	IL	X	X
	D	ISO/R2	X	IL	X	X
	C	ISO/R3	X	IL	X	X
Group I	D	ISO/R2	X	IL	X	X
	C	ISO/R3	X	IL	X	X
	B	ISO/F2	X	IUF	X	X
	B1	ISO/F2X	X	IUF	X	X
	A	ISO/F3	X	IUF	X	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.

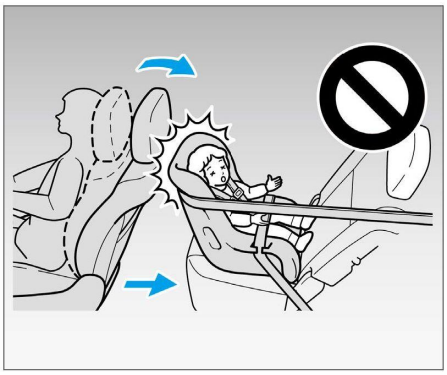
D—ISO/R2: Reduced-height rearward-facing toddler CRS.

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

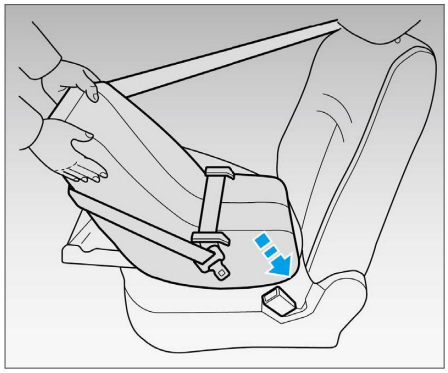
F—ISO/L1: Left-side facing child restraint system (carrycot).

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

Installation of rear-facing child restraint system

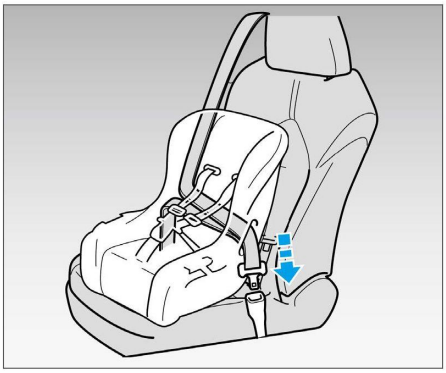


If the rear-facing child restraint system is obstructed by the driver's seat and thus cannot be installed correctly, the rear-facing child restraint system should be installed on the right rear seat.



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



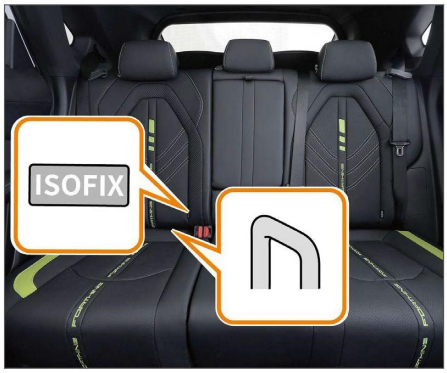
According to the instructions provided by the manufacturer, pass the seat belt through the forward-facing child restraint system and insert the latch into the buckle, ensuring the seat belt is not twisted and remains tight. Confirm that the tongue and buckle are firmly locked, press the child restraint 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

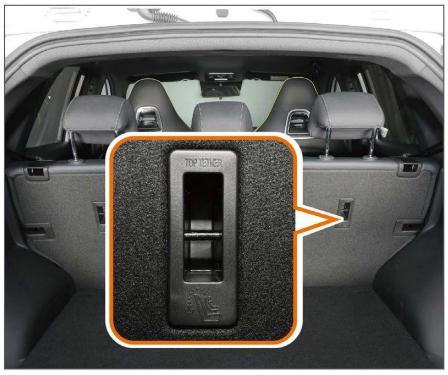
Child restraint system complying with standard ISO specifications can be fixed by ISOFIX interfaces. Please follow the operating instructions and safety tips of the child restraint system manufacturer during installation and use, otherwise the protective effect may be compromised.



1. Locate the ISOFIX interface in the gap between the rear seat cushion and the backrest.

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. Raise the headrest to the highest point until you hear a "click" sound, so as to ensure that the headrest is locked in place.



4. 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.

04

Warning light and indicator light

Warning light and indicator light 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.

TPMS fault warning light (yellow)

This light will illuminate when the tire pressure and temperature are abnormal or the tire pressure monitoring function fails.

1. If this indicator light 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 still illuminates after adjustment, please contact an authorized service station of Dongfeng Forthing in time.

2. If this light illuminates because the tire pressure system does not match or the sensor signal is lost, please contact an authorized service station of Dongfeng Forthing in time.

Parking fault warning light (yellow)

This light will illuminate when parking system is faulty.

At this time, the parking system still has the ability to park, but cannot park automatically. Please pull up the EPB switch to park the vehicle and contact the authorized service station of Dongfeng Forthing as soon as possible.

Low-voltage battery charging fault warning light (red)

When this indicator lights up in a non-READY status, it indicates that the 12 V low-voltage battery is not charging, which is normal.

When this indicator lights up in READY status, it indicates that the charging system is not working properly and needs to be repaired. At this time, please turn off all unnecessary electrical equipment and contact an authorized service station of Dongfeng Forthing in time.

Steering system fault warning light (yellow)

This light will illuminate when the EPS is faulty. If this light 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 and restart the vehicle 5 minutes later. 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.

Low brake fluid level / brake system fault warning light (red)

This light will illuminate when the brake fluid level drops to a low level. If this light 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 an authorized service station of Dongfeng Forthing in time.

SRS system fault warning light (red)

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

Front seat belt warning light (red)

When the start switch is turned to "ON" position, if the driver or front passenger does not fasten his/her seat belt, this indicator will light up with alarm sound; when both the driver and front passengers fasten their seat belts, this indicator will go out, indicating that the alarm is released.

FCW system warning light (red)*

When the FCW system detects a possible collision with object ahead, alarms are given through sound and image. At this time, the warning light flashes, indicating that the system is in normal working condition.

AEB system warning light (red)*

When the AEB system is started, alarms are given through sound and image. At this time, the warning light will flash, indicating that the system is in normal working condition.

Main warning light

When this indicator light is on, you can enter the alarm inquiry interface on the instrument panel to inquire about specific faults. Please contact an authorized service station of Dongfeng Forthing.

Powertrain fault warning light

When the vehicle has some faults, this indicator will be on. Enter the alarm inquiry interface on instrument cluster to inquire about the specific cause of the fault. If the fault cannot be eliminated, please contact an authorized service station of Dongfeng

Forthing in time.

Indicator light

The indicator light is used to inform the driver of the working status of each system of the vehicle. When it is on or flashing, it is in normal status in most cases, and the vehicle is not faulty.

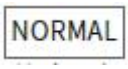
Sport mode indicator light (white)

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

ECO mode indicator light (green)

The light illuminates when the vehicle is in economy mode (ECO).

Standard mode indicator light (green)



NORMAL When the vehicle is in standard mode (NORMAL), this indicator light will light up.

Parking status indicator light (red)

This light illuminates when the EPB switch is pulled up. If this light does not illuminate after parking or stays on after the EPB switch is pressed, please contact the authorized service station of Dongfeng Forthing.

AUTO HOLD working indicator light (green)

This light illuminates when the AUTO HOLD system is working.

Hill descent control (HDC) system working indicator light (green)

This light stays on when the HDC function is activated. This light flashes when the HDC system works.

Cruise control ON indicator light (white)

This light illuminates when the cruise control system is turned on but not activated.

Cruise control working indicator light (green)

When the cruise control system is turned on and the cruise control function is activated, this light illuminates and displays the target speed next to the indicator light.

Adaptive cruise control ON indicator light (white)*

This light illuminates when the adaptive cruise control system is turned on but not activated.

Adaptive cruise control working indicator light (green)*

When the adaptive cruise control function is activated and starts to work, this indicator light will light up.

Intelligent pilot ON indicator light (white)*

When the intelligent pilot function is turned on but not activated, this indicator lights up.

Intelligent pilot single function working indicator light (yellow)*

When the longitudinal control of intelligent pilot system is activated, this indicator lights up.

Intelligent pilot dual function working indicator light (green)*

The light illuminates when the adaptive cruise control and the lane keeping assist of the traffic jam assist works simultaneously.

Turn and hazard signal indicator light (green)

The corresponding indicator light illuminates or goes out when operating the turn signal. This indicator light and the left and right turn signal will flash at the same time when the hazard warning switch is pressed. If the turn signals do not flash or flash quickly at this time, indicating that the turn signal bulbs may be abnormal. In this case, immediately confirm whether the turn signal bulbs are damaged and contact the authorized service station of Dongfeng Forthing.

Position light indicator light (green)

This light illuminates when the position light is turned on.

Low beam indicator light (green)

This light illuminates when the low beam is turned on. This light illuminates when the low beam is turned on.

High beam indicator light (blue)

This light illuminates when the high beam is turned on.

Rear fog light indicator light (yellow)

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

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

When the ESP switch is pressed, the ESP system will be turned off and this light will illuminate. Press the switch again, the ESP system will be turned on again, and this light will go out.

Electronic stability program (ESP) working indicator light (yellow)

This light flashes when the ESP system is working. If the indicator is

continuously on during driving, it indicates that there may be a fault in the ESP system. Please contact an authorized service station of Dongfeng Forthing in time

Anti-theft indicator light (red)

When the start/stop switch is turned to "ON" position, this light flashes, indicating that the smart key is illegal or the anti-theft authentication fails. Please check whether the smart key is correct. When the start switch is set to "ACC" or "OFF", this indicator flashes, indicating that the vehicle has entered the anti-theft status.

Lane departure system ON indicator light (white)*

This light illuminates when the lane departure system is turned on but not activated.

Lane departure system working indicator light (green)*

When the vehicle speed conditions are met and the system is activated, this light will illuminate.

Lane keeping system ON indicator light (white)*

This light illuminates when the lane keeping function is turned on but not activated.

Lane keeping system working indicator light (green)*

This light illuminates when the lane keeping system works.

FCW OFF indicator light (yellow)*

This light illuminates when the FCW is turned off.

AEB OFF indicator light (yellow)*

This light illuminates when the AEB is turned off.

IHC system activation indicator light (green)*

When the IHC function is activated, this light will light up.

Charging connection indicator light

When the charging plug is connected, this indicator will light up. The connection status of the charging plug can be checked through this indicator.

OPM mode indicator light

When the single pedal mode is activated, this light lights up, indicating that the vehicle is in the single-pedal driving status.

Limp mode indicator light

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

Charging reminder indicator light (yellow)

This indicator will illuminate when the traction battery SOC is too low. Charge the vehicle in time.

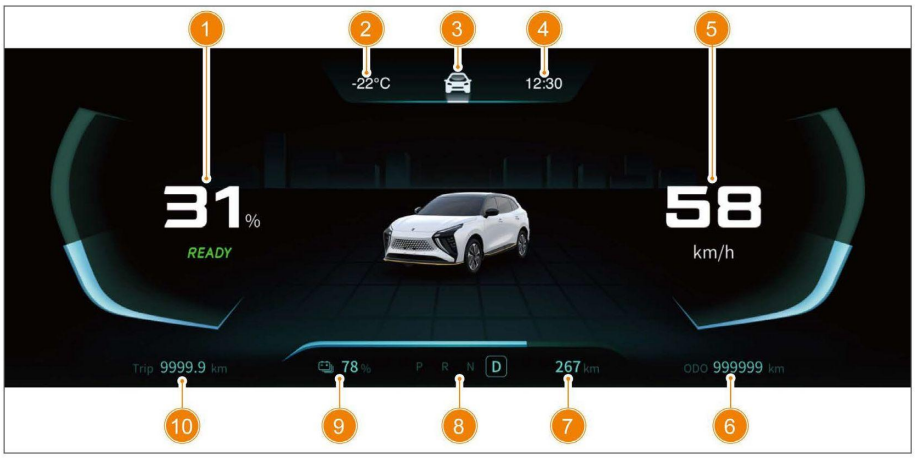
System READY indicator light (green)

When the high-voltage power supply of the vehicle is connected, this indicator lights up, indicating that the vehicle is in a drivable status.

Speed limit indicator light (yellow)*

On models equipped with the maximum speed limit, if this light is on, it indicates that the vehicle speed exceeds the speed limit.

Overview of instrument cluster



1. Power meter

It displays the energy output of the traction battery and the percentage of power recovered. In case of energy output, 0% ~ 100% is displayed according to the actual output power, and in case of energy recovery, 0% ~ 60% is displayed according to the actual recovery power.

2. Exterior temperature

Display the current temperature outside the vehicle.

3. General information

This interface displays driving information, driving assistance, multimedia, map/navigation and settings. The display content can be switched by pressing the left and right buttons on the steering wheel.

4. Time

It indicates the current time.

5. Speedometer

Display the current speed of the vehicle.

6. Total mileage

It indicates the total mileage of the vehicle and stops accumulating when it reaches 999999km.

7. Endurance mileage

It indicates the maximum distance that the vehicle can continue to travel at present.

8. Gear

It indicates the current gear.

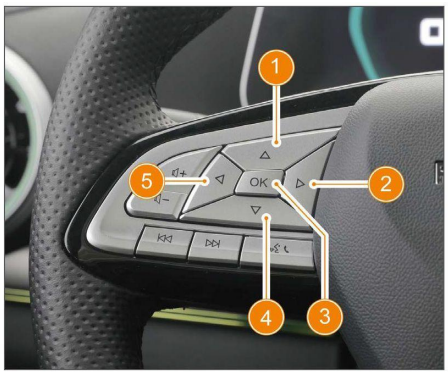
9. Traction battery SOC meter

It indicates the current remaining power of the traction battery. When the charging reminder indicator lights up, the vehicle should be charged in time.

10. Subtotal mileage

Display the subtotal mileage of the vehicle, which will be reset automatically if it exceeds the range. You can also press the OK button to reset.

Instrument cluster control



1. Up button: Switch to select page of the same level.

2. Right arrow key: switch to select the homepage or view the alarm information list.

3. OK button: Select to confirm or close the currently displayed text reminder interface in the setting interface.

4. Down button: switch to and select downward on the same level page.

5. Left arrow key: switch to select homepage or return to the previous page.

General information

This interface displays driving information, driving assistance, multimedia, map/navigation and settings. The display content can be switched by pressing the left and right buttons on the steering wheel.

Driving information

Traveling information includes vehicle status, trip computer, power consumption for the last 50 km and tire pressure information. The display content can be switched by the up and down buttons on the steering wheel.

Vehicle status

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

Trip computer

This interface displays average vehicle speed, average power consumption and endurance mileage. The display content can be switched by pressing the Up and Down buttons on the steering wheel.

1. Average vehicle speed

The display range of average vehicle speed is 0 ~ 200 km/h. Short press the OK button to call out the resetting interface, and reset the average speed separately.

2. Endurance mileage

Display the maximum mileage that the vehicle can continue to drive. Display range: 20 ~ 999 km. When it is lower than 20 km, "_ _ _" will be displayed.

After the vehicle is started, slowly power on and start. Gently depressing the accelerator pedal and brake pedal during driving can effectively improve the endurance mileage.

Attention

- After the vehicle is charged, the endurance mileage will be recalculated.
- The displayed endurance mileage value will change according to the recent comprehensive power consumption.
- If the charging reminder indicator light illuminates, even if it indicates that the vehicle can run for a long mileage, it is necessary to charge in time.
- When the vehicle is running in special environments such as low temperature, the endurance mileage display may be changed temporarily.

3. Average power consumption

Display range of average power consumption: 0~30 kWh/100 km.

Press the OK button to call out the resetting interface, and reset the average power consumption separately.

4. Instantaneous power consumption

The instantaneous power consumption displays the current power consumption information in a graph.

Display range of instantaneous power consumption: 0~30 kWh/100 km.

Power consumption for the last 50 km

1. Optimal power consumption

Display the historical lowest value of power consumption.

Press the OK button to call out the resetting interface, and reset the optimal power consumption separately.

2. Curve power consumption

It indicates the power consumption in the last 50 km.

Short press the OK button to call out the resetting interface, and reset the curve power consumption separately.

3. Curve power consumption diagram

The curve power consumption diagram is drawn from the curve power consumption values within the latest 50 km.

Tire pressure information

This interface displays the corresponding tire pressure and temperature values. When the tire pressure value is abnormal, the display interface will give a corresponding reminder.

Attention

- 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 tire pressure monitoring system has lost the sensor at this position. Please contact an authorized service station of Dongfeng Forthing in time.
- 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.
- The tire pressure information displayed in the stationary status is the information when the vehicle is last running. Therefore, after deflation or inflation of tires, the instrument cluster will update data only when the vehicle runs at a speed above 30 km/h and keeps running for 1 min.

Driving assistance

Different functions can be displayed on this interface according to different

vehicle model configuration definitions. For details of driving assistance, please refer to the relevant instructions in Chapter VIII "Comfortable Driving".

Multimedia

The interface displays information about the radio or music you are listening to.

Map/Navigation

This interface can synchronously display the map information and simple navigation information on the display screen.

Alarm information

This interface displays some vehicle information that needs to be alarmed or reminded. When there are multiple vehicle information that need to be alarmed or reminded, the displayable content can be switched and inquired by pressing the UP and DOWN buttons on the steering wheel.

Settings

The setting interface includes alarm information inquiry, vehicle travelling information resetting, brightness adjustment, volume adjustment and instrument panel version information. The corresponding menu interface can be entered by pressing the up, down and OK buttons on the steering wheel. The specific information is shown in the table below.

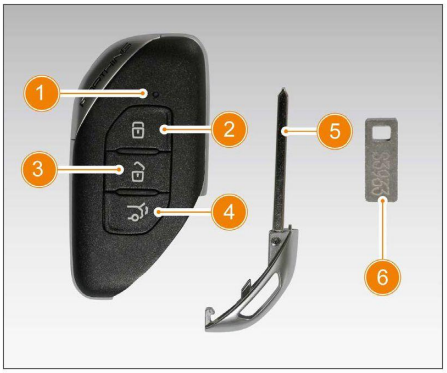
First-level Menu	Second-level Menu	Third-level Menu
Settings	Alarm information query	
	Driving information reset	Average power consumption
		Average vehicle speed
		Subtotal mileage
	Brightness adjustment	
	Volume adjustment	
	Instrument panel version information	

Fatigue driving reminder

If the fatigue driving reminder will be triggered after continuous driving for more than 4 hours, short press the OK button and park the vehicle in a safe place to rest for 20 minutes to deactivate the prompt message.

Key information

Smart key



1. Button indicator light
2. Lock button
3. Unlock button
4. Trunk lid unlock button
5. Mechanical key
6. Smart key number plate

Mechanical key

Press the mechanical key release button on the side of the smart key to take out the mechanical key.

Replace the smart key battery

If the smart 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 smart key. In this case, the battery in the smart key needs to be replaced.

Immobilizer locking system

If you carry a smart key with incorrect code, when the start switch is put to "ON" position, the anti-theft indicator light on the instrument cluster will flash. The system determines that the smart key is illegal or the immobilizer authentication fails and the vehicle will not start at this moment.

Opening, closing and locking of doors

Unlock and lock door from the outside

Keyless entry

Unlocking

Carry the smart key and hold the inner unlocking area of the driver's door handle to unlock all doors.

Locking

Carry the smart key, close all doors, and press the locking area on the driver's door handle to lock all doors.

Unlocking and locking with smart key

Unlocking

Short press the unlock button on the smart key, and then the four side doors will be unlocked and the turn signal lamps will flash; long press the unlock button on the smart key, and then the glass of the four side doors will open.

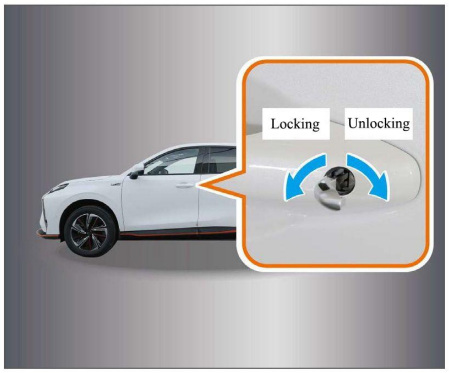
Locking

Short press the lock button on the smart key, and then the four vehicle doors will be locked. The turn signals will flash, the horn will buzz once, the interior lights will gradually go out, and the IVI system will be turned off; long press the lock button on the smart key, and the glass of the four vehicle doors will close.

Unlocking and locking with mechanical key

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

2. After the door is closed, pull the driver's door handle to the maximum opening, put the index finger into the handle and press the front clip, and take out the lock cylinder cover to expose the lock cylinder hole.



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.

4. Take out the key and buckle the lock cylinder cover back to the exterior door handle.

Internal door unlocking and locking

Unlocking with the interior door handle

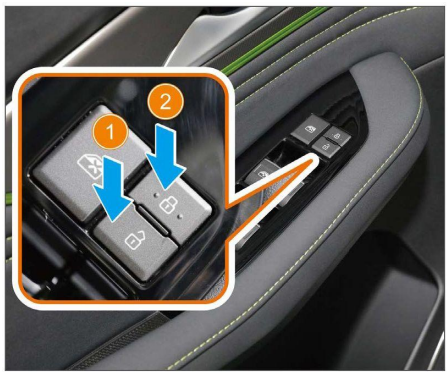
When the door is locked, pull the interior door handle twice to open the door.

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

Attention

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

Central door lock unlocking and locking



1. Press to unlock all doors
2. Press to lock all doors

Attention

The central-control locking can only be performed when all doors are closed.

Unlocking and locking of front passenger door and rear door

If the vehicle is powered off, press the inner 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.

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 opening the rear door accidentally.

Automatically locking of door

With the doors unlocked, when the vehicle speed increases to more than 10 km/h, the four doors will be locked automatically.

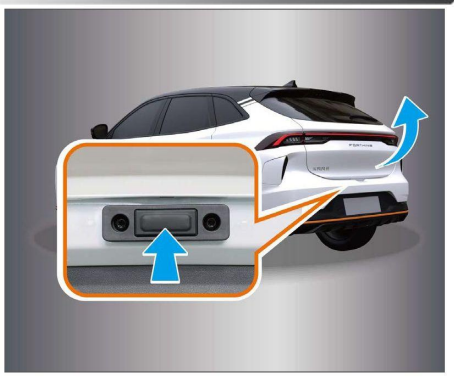
Forced unlocking on collision

When the vehicle is running or in static status, if the vehicle is impacted when the start switch is put to "ON" position, the four doors will unlock automatically after the system receives the collision signal.

Open and close the trunk lid

Open the trunk lid from the outside

Keyless opening of trunk lid



Normal trunk lid

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

Power trunk lid

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

Opening trunk lid with smart key

Normal trunk lid

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

Opening of trunk lid by induction*

05

Stand behind the vehicle with the smart key and kick at the middle lower part of the rear bumper. When the kicking action is sensed, the trunk lid will open automatically.

Attention

- Only when the vehicle is not started, the function of inductively opening the trunk lid will take effect.
- To use this function, you need to carry the smart key or place the smart key within an effective control range about 1 m away from the trunk lid.
- In order to ensure the effectiveness of the operation, please use front and rear kicking operation, and the kicking time shall be controlled within 1 ~ 2 seconds. During operation, the distance between the foot/lower leg and the bottom/rear part of the rear bumper shall be controlled within 2 ~ 10 cm respectively. Please use the most suitable operation method after several kicking operations according to the actual situation.
- Please keep the sensor surface clean. If obstacles such as ice, snow and dirt are attached to the sensor surface, it may cause functional failure.
- The kick sensing area is located within the width range of 50 cm on the left and right sides below the middle part of the rear bumper. Please operate in this area.
- If the trunk lid opening function is attempted for several times in a short time, this function may be temporarily disabled and cannot be restored in a short time.

Warning

- When using this function, please ensure that there are no other persons or obstacles in the movement area of the trunk lid. After operation, please keep away from the movement area of the trunk lid to avoid injury to human body or vehicle.
- When the vehicle is cleaned automatically, please make sure that the smart key is not near the trunk lid. If the trunk lid is opened accidentally, it may be damaged.

Close the trunk lid from the outside

Ordinary trunk lid

Push down the trunk lid to close it.

Power trunk lid*

Press the trunk lid shield switch to automatically close the trunk lid. If this switch is pressed again during closing, the trunk lid will stop closing.

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

Open and close trunk lid from inside the vehicle*

When the trunk lid is unlocked, press the interior trunk lid switch, and the trunk lid will open or close automatically. When the trunk lid is moving, press this switch again to stop the movement of the trunk lid.

Interior emergency opening of trunk lid

If the lock fastener fails and the trunk lid cannot be opened, remove the emergency opening cover plate from the trunk lid shield, pull the emergency opening pull ring of the trunk lid, and hold the trunk lid backward with the other hand to open the trunk lid from inside the vehicle.

Trunk lid opening height settings*

Set the opening height of trunk lid

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

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 liftgate manually unless necessary.
- When the power liftgate needs to be manually operated in case of power failure or fault, it shall be opened or closed at a uniform speed for not less than 2 seconds. Quick manual opening and closing operations may cause damage to the electric stay bar or controller.

Set the opening angle of trunk lid through the IVI system

1. Tap [Settings] - [Vehicle] - [Accessories] - [Maximum opening Angle of liftgate] on the display screen in turn to enter the trunk lid height setting page.

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.

Attention

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

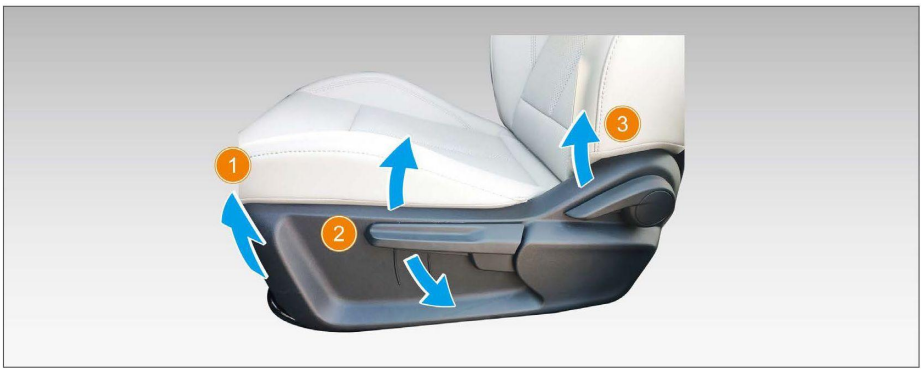
When the trunk lid opens automatically, if an obstacle is detected, the trunk lid will stop opening; when the trunk

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

Seat adjustment

Front seat

Manual adjustment of driver's seat



1. Seat forward-backward adjustment lever

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 adjustment 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.

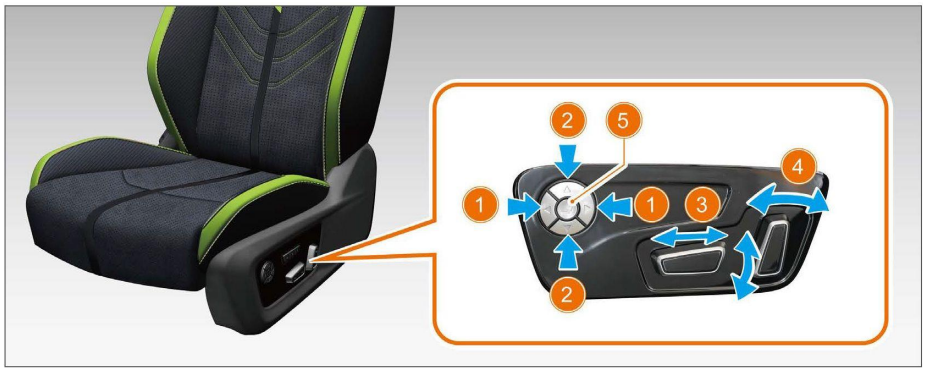
Manual adjustment of front passenger's seat

1. Seat forward-backward adjustment lever
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*

Ten-way seat



1. Forward-backward adjustment button of lumbar support

Press this button to adjust the lumbar support to move forward and backward. After adjusting to a proper position, release the button.

2. Up/Down adjustment button of lumbar support

Press this button to adjust the lumbar support to move up and down. After adjusting to a proper position, release the button.

3. Seat forward-backward and height adjustment button

Push the whole button forward and backward gently to adjust the seat to move forward and backward. Push the rear part of the button upward and downward gently to raise or lower the seat. After adjusting to a proper position, release the button.

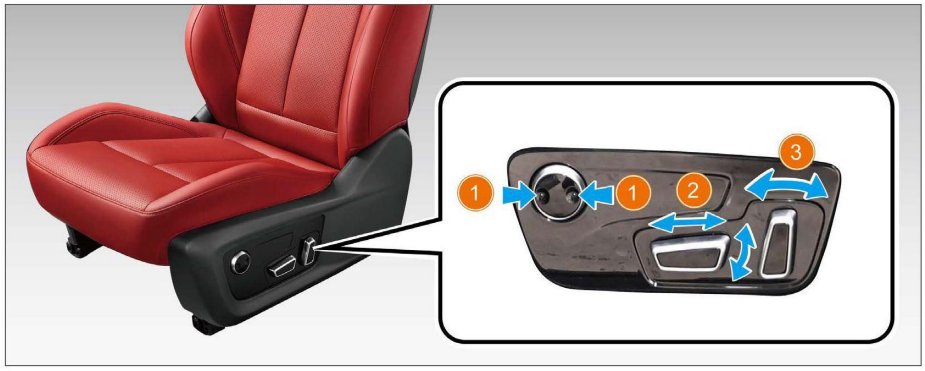
4. Backrest angle adjustment button

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

5. Massage function adjustment button

Press this button to switch between lumbar support adjustment and massage adjustment. When switching to the massage function, press 1 button to adjust the massage intensity, and press 2 button to select different massage modes (refer to Chapter VI about seat settings in IVI system" for the intensity and mode).

Eight-way seat



1. Forward-backward adjustment button of lumbar support
2. Seat forward-backward and height adjustment button
3. Backrest angle adjustment button

The adjustment method of the eight-way seat is the same as that of the ten-way seat.

Learning function of the driver's seat*

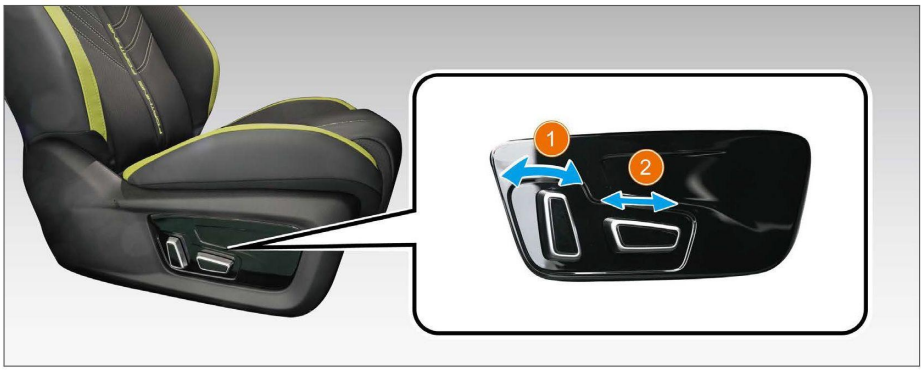
The seat learning has been completed before the vehicle leaves the factory, so that the seat has a memory function. If the seat or seat ECU is replaced, seat learning is required. The specific learning method is (the following learning methods are in no particular order):

1. Adjust the seat to the end, push the seat forward-backward and height adjustment buttons backward for 5 s, then adjust the seat to the foremost position, and push the seat forward-backward and height adjustment buttons forward for 5 s. Repeat the operation twice to complete the learning of seat forward and backward sliding function.

2. Adjust the seat height to the minimum, push the rear part of the seat forward-backward and height adjustment button down for 5 s, then adjust the seat height to the maximum, and push the rear part of the seat forward-backward and height adjustment button up for 5 s. Repeat the operation twice to complete the learning of seat lifting function.

3. Adjust the seat backrest to the foremost position, push the backrest angle adjustment button forward for 5 s, then adjust the seat backrest to the rearmost position, and push the backrest angle adjustment button backward for 5 s. Repeat the operation twice to complete the learning of seat backrest adjustment function.

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

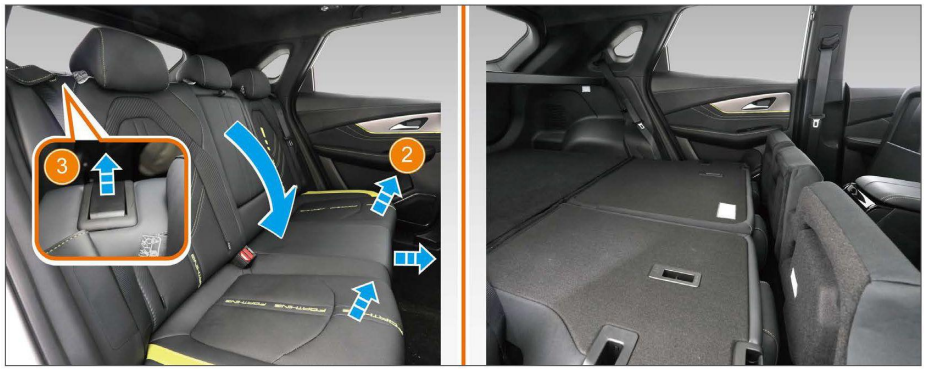
Push the whole button forward and backward gently to adjust the seat forward and backward. After adjusting to a proper position, release the button.

Attention

- The driver shall not adjust the seat during driving.
- 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.
- 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 adjustment and flattening



1. Put the rear seat shoulder belt into the guide belt and buckle the snap fastener so that the seat belt will not slide left and right.

2. Lift the front end of the seat cushion with force and pull it forward to a position where it will contact the front seat backrest, then turn over the seat cushion so that its front end faces downward, contacts the floor and forms an approximately vertical angle with the floor.

3. 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.

Restoration of rear seat

1. Push the backrest back, turn over the seat cushion, and gently press down the front end of the seat cushion to make it move backward and downward naturally until the rear end of the seat cushion is inserted under the backrest. Then press down the front end of the cushion to lock it into the lock slot.

2. Release the guide belt buckle and release the seat belt.

⚠ 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.
- When buckling and unbuckling the guide belt, press and hold the button near the button to gently unbuckle it. Do not pull it hard to avoid damaging the seat.

Seat heating, ventilation and massage*

Control via 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.

Attention

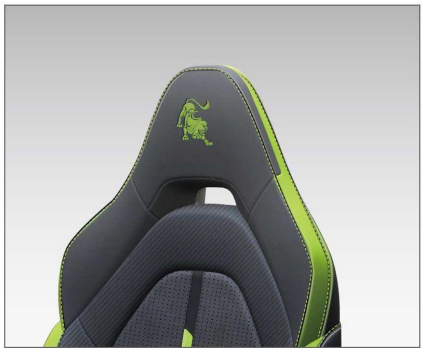
- Do not kneel on the seat or make the seat bear concentrated load, so as not to damage the seat heating element.
- Do not clean the seat with wet cleaning method.
- Do not place the seat cushion when the seat heating function is turned on.

Seat memory*

The front seats of some models have memory function. For specific operation methods, please refer to "User Personalized Memory" in Chapter VI "IVI System".

Headrest adjustment

Front seats



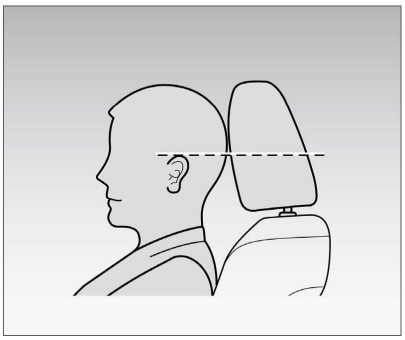
The front seat headrest is integrated and non-adjustable. Some models are equipped with adjustable headrests due to different configurations. For the adjustment method, please refer to the rear seat headrests.

Rear seats

1. To raise the headrest, directly lift the headrest to the desired position until a "click" sound is heard to ensure that the headrest is locked in place.

2. To lower the headrest, press and hold the adjustment switch on the side of the seat headrest, press the headrest downward to the required height, and then release the switch until a "click" sound is heard to ensure that the headrest is locked in place.

Height of headrest



When adjusting the headrest, make sure that the center of the headrest meets the upper part of the ear, so that the headrest can play the greatest protective role.

Steering wheel

Steering wheel adjustment

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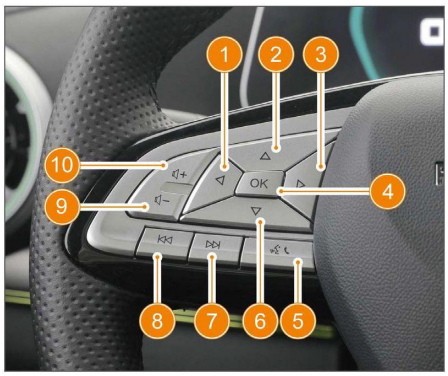
After holding the steering wheel with one hand and pulling the adjustment handle downward with the other hand, you can move the steering wheel horizontally and vertically to adjust it to the desired position. After adjustment, pull up the adjustment handle and confirm that it is locked in place.

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.

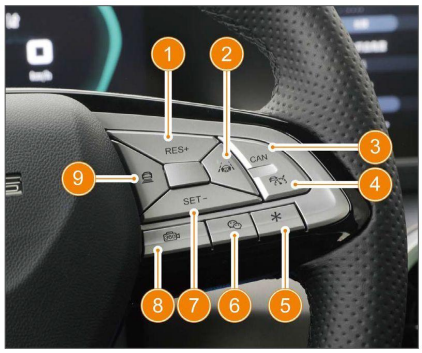
Steering wheel button (left)



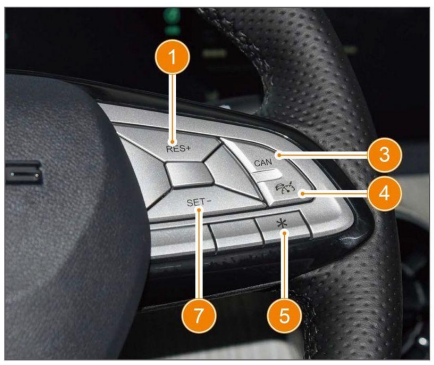
1. Left button
2. Up button
3. Right button
4. OK button
5. Bluetooth phone*/voice wake-up button*
6. Down button
7. Forward button
8. Backward button
9. Volume down button
10. Volume up button

Steering wheel button (right)

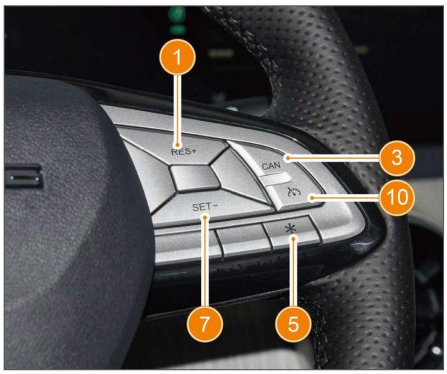
Type I



Type II



Type III



1. Cruise resume/acceleration button

2. Lane keeping button
3. Cruise pause button
4. Adaptive cruise control button
5. Custom button
6. WeChat button
7. Speed setting/deceleration button
8. 360° panoramic button
9. Following distance adjustment button
10. Cruise control button

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.

Attention

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

Manual anti-dazzling interior rearview mirror

Gently pull the tab at the bottom edge of the interior rearview mirror to switch the mirror reflection status to prevent dazzling.

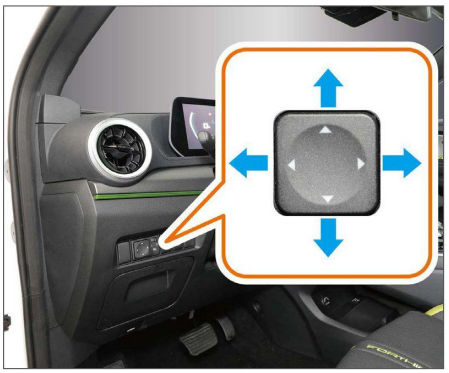
Warning

Do not adjust the position of the rearview mirror during driving; otherwise, an accident may be caused due to incorrect control, resulting in serious injury or even death.

Exterior rearview mirror

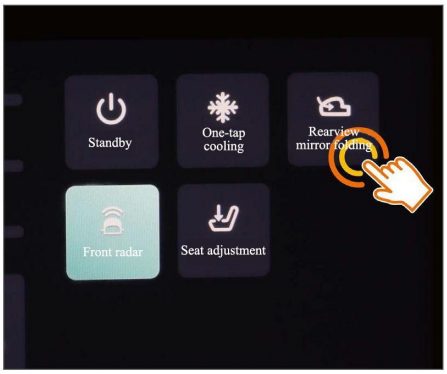
Electric adjustment of exterior rearview mirror

The left/right switch can be used to select the rearview mirror on the corresponding side for mirror angle adjustment.



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

Exterior rearview mirror folding and unfolding



05

Draw down the button at the top of the display screen to bring up the dropdown shortcut menu. Tap [Rearview mirror folding] to fold or unfold the exterior rearview mirror.

Automatic folding and unfolding of exterior rearview mirror

Click [Settings] - [Vehicle] - [Accessories] on the display screen in turn, and select to enable the function of [Exterior rearview mirror auto folding]. With the start/stop switch at "OFF" position and the four doors closed, press the lock or unlock button on the smart key to automatically fold or unfold the exterior rearview mirrors.

Exterior rearview mirror memory*

Some models are equipped with exterior rearview mirror memory function. For specific operation methods, please refer to the "User Personalized Memory" section in Chapter VI "IVI System".

Exterior rearview mirror auto-tilt in reverse*

Click [Settings] - [Vehicle] - [Accessories] on the display screen in turn to enable the function of [Rearview mirror tilting down]. 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.

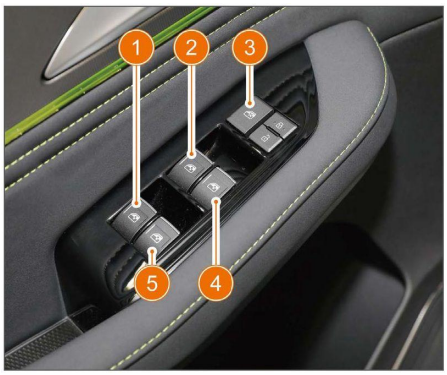
Heating & defrosting of exterior rearview mirror

When the start/stop switch is turned to "ON" position, 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.

Attention

- 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 window



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

Manual opening/closing of windows

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

Automatic opening/closing of 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.

Remote opening/closing of windows

When the start switch is set to "OFF" position and all doors are closed, long press the unlock button on the smart key, and the four windows will descend simultaneously until they are fully opened; long press the lock button on the smart key, and the four windows will ascend simultaneously 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-row 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.

Window anti-pinch protection

During window closing, if an obstacle is encountered, the window will stop closing and move in the opposite direction for a certain distance. The automatic anti-pinch function will also work in case of impact or similar conditions to window obstacles.

Anti-pinch power window activation conditions

Within about 60 s after the start switch is put to "ON" position or power supply is turned off.

Window initialization

1. After the vehicle battery is disconnected, lacks power 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.

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

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 fully opened, and continue to 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 the authorized service station of Dongfeng Forthing.

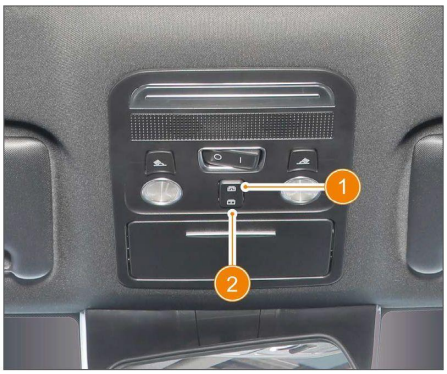
Attention

- 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.

Sunroof

Panoramic glass roof

The panoramic glass roof is made of integral glass and cannot be opened. The panoramic glass roof of some models has starry patterns.



1. Sunshade opening button
2. Sunshade closing button

Sunshade opening/closing

When it is necessary to improve the light in the vehicle, the sunroof sunshade can be opened. When the start switch is put to "ON" position and the sunshade is closed, click the sunshade opening button to open the sunshade fully. Press the sunshade closing button to close the sunroof sunshade.

In the one-key opening/closing process of the sunshade curtain, click the sunshade curtain operation switch again to stop at the current position.

Remote closing function of sunshade

When the power supply is turned off, the sunshade cannot be operated. If it is found that the sunshade is open at this time, the sunshade can be closed with the smart key.

If [Short press] is selected for [Remote window closing setting] on the display screen, short press the lock button on the smart key, and the sunshade will be closed automatically.

If [Long press] is selected for [Remote window closing setting] on the display screen, press the lock button on the smart key for more than 3s to automatically close the sunshade.

Anti-pinch protection function of sunshade

When the sunshade is subject to abnormal resistance or obstacles during automatic closing, the sunshade will automatically stop halfway and retract for a certain distance to prevent personal injury.

Thermal protection of sunshade

In order to prevent abnormal function caused by overheating of the sunshade motor, after operating the sunshade continuously for 120 s (under normal resistance status), the thermal protection function of the sunshade will be activated. At this time, it is temporarily impossible to operate the sunshade. After about 40 s when the motor cools down, the sunshade can be operated again. Since the motor has not returned to the room temperature state, if the sunshade is operated continuously at this time, the thermal protection function of the sunshade will be turned on for the second time. The sunshade will not move until 120 seconds later.

Sunshade initialization

After the 12 V low-voltage battery of the vehicle is disconnected, under voltage and recharged, in order to ensure the normal

function of the sunshade, it is necessary to initialize the sunshade. When the sunshade system cannot be closed in place, it can also be restored through the sunshade initialization operation. The specific steps of sunshade initialization are as follows:

1. Long press the sunshade closing button. After the sunshade touches the front end stop and retracts, release the button to complete the position initialization of the sunshade (method to check whether the sunshade reaches the stop: after releasing the button, short press the sunshade closing button again; if the sunshade does not move forward, the stop point identification is successful).

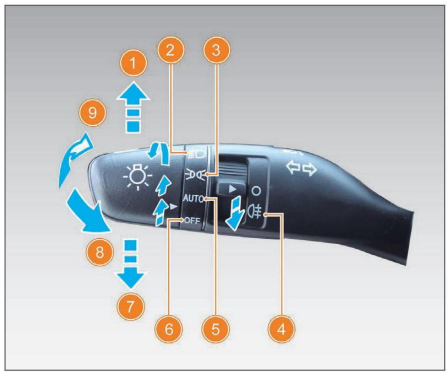
2. Release the sunshade closing button and press it again for about 6 s within 4 s, and the sunshade will open backward by pressing one button. It will automatically move forward after reaching the rear-end turning point. During the movement of the sunshade curtain, please do not release the button until the sunshade is completely closed. At this time, release the sunshade closing button to complete the sunshade initialization (check whether initialization is completed: Short press the sunshade opening button. If the sunshade can be opened by one key, it means that the initialization is successful).

⚠ Warning

When operating the sunshade, make sure that it will not clamp any part of the body.

Lights

Exterior lights (Type I)



1. Right turn signal
2. Low beam
3. Position light
4. Rear fog light
5. Automatic lighting
6. Headlight OFF state
7. Left turn signal
8. High beam flashing
9. High beam

Turn signal switch

Pull the light control handle upward or downward, and the right or left turn signal will flash. After the steering is completed, the handle will return to its original position and the turn signal will be turned off.

Switch between high and low beams

When the low beam is turned on, push the light control handle forward to the limit position to turn on the high beam; pull it back to turn off the high beam.

Position light

When the light switch is in ATUO position and the system detects that the ambient lamp 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.

Fog light switch

When the low beam is turned on, toggle the adjusting ring to ▶point to the rear fog lamp, and the rear fog lamp will be turned on; toggle the adjusting ring again to ▶point to O, and the rear fog lamp will be turned off.

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.

Automatic lighting

When the adjusting ring is toggled to

▶point to AUTO, the headlights and other exterior lights will be automatically turned on or off according to the ambient brightness.

Follow Me Home

Turn the light control handle back and forth once within 5 minutes after the vehicle is shut down, and the "Follow Me Home" function will be turned on. At this time, the low beam will be turned on automatically.

After the door is locked for 30 s or the "Follow Me Home" function is turned on for 5 minutes, the low beam will be automatically turned off.

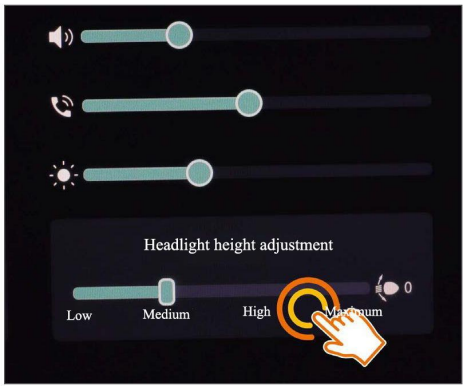
Headlight height adjustment

When the vehicle is heavily loaded, the rear part of the vehicle body will sink, so that the low beam will be raised, affecting the driver's sight and causing potential safety hazards. At this time, you should find a safe place to stop the vehicle and then adjust the headlight height.

The specific methods are as follows:

1. Turn on the headlight when the Start switch is at "ON" position.

2. Slide down at the top of the display screen to bring up the dropdown shortcut menu, and you can see the headlight height adjustment.

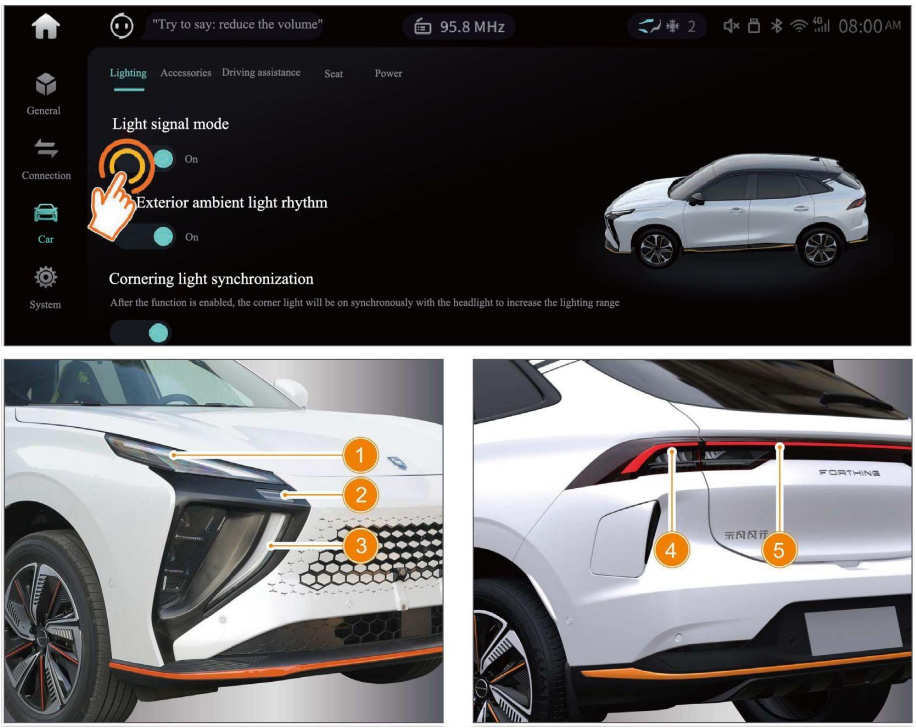


3. Slide the control ball leftward or rightward to adjust the headlight height. There are four levels.

Courtesy light*

The courtesy light is located below the exterior rearview mirror of the vehicle and used to illuminate the ground at night. When the door is opened, the courtesy light will light up; after the vehicle power supply is turned off, when the door is pushed open, the courtesy light will light up; after the door is closed, the courtesy light will go out.

Light signal mode*



Click [Settings] - [Vehicle] - [Lighting] - [Light signal mode] on the display screen to enable/disable the light signal mode.

When this function is enabled, the vehicle's exterior lights can flash or turn on based on various scenarios. These scenarios include: Bluetooth key approaching to welcome guest, unlock to welcome guest, lock-up farewell, parking mode, charging indication, reverse mode, and music rhythm.

The specific light signal mode is as follows:

Light Signal Mode	Triggering Mode	Description of Light Signal
Bluetooth key approaching to welcome guest*	When the Bluetooth key is connected to the vehicle, as you approach the vehicle (at a distance of approximately 3 meters from the vehicle; the distance may vary depending on the mobile phone).	1. The front lights turn on sequentially from ③ to ①; 2. The tail lights flow from the center to the sides and back to the center before finally unfolding and lighting up; 3. 1 and 2 above cycle 3 times or unlock to deactivate this mode.
Unlocking to welcome guest	When unlocking by pressing the lock button on the smart key or through Dongfeng Forthing APP.	After the turn signal flashes 2 times when unlocking: 1. The front lights turn on sequentially from ③ to ①; 2. The tail lights flow from the center to the sides and back to the center before finally unfolding and lighting up; 3. 1 and 2 above cycle 3 times or open the vehicle door to deactivate this mode.
Farewell light	When unlocking by pressing the lock button or through Dongfeng Forthing APP.	After the turn signal flashes 1 times when locking: 1. The front lights light up as a whole and then go out from ① to ③;

Light Signal Mode	Triggering Mode	Description of Light Signal
		2. The tail lights run 3 times from the sides to the center, light up as a whole and finally go out towards the center.
Parking waiting	When the vehicle is started with the position lights or the high and low beams switched off and the exterior ambient light rhythm switch in the off position.	1. Front lights ① ② ③ breathingly light up for 30 seconds as a whole; 2. The tail lights flow left and right first, and then finally light up from inside to outside and outside to inside in an overall slight light flow for 30 seconds.
Charging indicator	See "Charging status light" in the charging system chapter for details.	
Reversing reminder	With the position lights or high and low beams off, when the gear lever is put into R.	The tail lights light up from the center to the water on the sides.
Music Sync	Start the vehicle and switch on the exterior ambient light rhythm function with the position lights or high and low beams switched off (models with a star roof also need to set the ambient light rhythm mode to a non-off state). It can be triggered when turning on online music or playing music via Bluetooth (radio is not supported at the moment). The exterior ambient light rhythm should be switched off manually after use, otherwise the parking and waiting mode cannot be triggered.	1. Front lights ① ② ③ change their brightness according to the music rhythm; 2. Tail lights ④ ⑤ light up by running water according to the music rhythm.

05

Exterior lights (Type II)

1. Left/right turn signal
2. High beam (Always on and flashing)
3. Rear fog light
4. Headlight OFF state
5. Automatic lighting
6. Position light
7. Low beam

Left/right turn signal

Toggle the control lever down to turn the left turn signal on; toggle the control lever up to turn the right turn signal on.

High/low beam switching

With the low beam on, push the control lever towards the instrument panel to the limit position and the high beam will be switched on (always on); after completing the action, the control lever will automatically return to the center, push the control lever towards the instrument panel again to the limit position and the high beam will be switched off.

Headlight flash (high beam flash)

Pull the control lever towards the steering wheel to the limit position, the

headlight flash will turn on; after releasing the control lever, it will automatically return to the middle position, the headlight flash will turn off.

Light automatic lighting on system

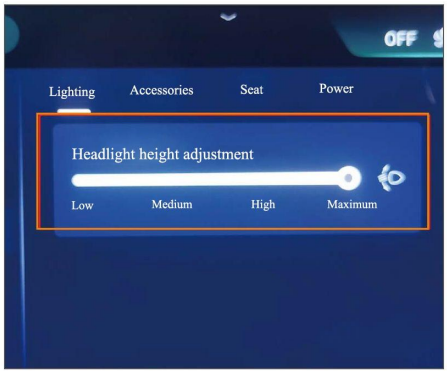
Automatic lighting on system is turned on by default when the vehicle is started. Headlights and other exterior lights will be automatically turned on and off according to the ambient brightness. To turn off, click on the central control panel [Home] - [Headlight control] - [AUTO] button.

After turning off automatic lighting on system, the low beam and position light should be manually turned on and off through the light switch on the central control panel. After manually turning on the low beam, turning on the position light or clicking OFF to turn off the headlight, the automatic turning on function will be turned off automatically.

Rear fog light on/off

With the low beam on, tap the rear fog light button on the central control panel to turn the rear fog light on; tap the rear fog light again to turn it off.

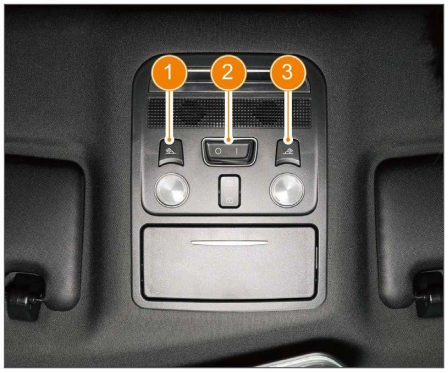
Front headlight height adjustment



In the settings of the multimedia display, select [Vehicle] - [Headlight height adjustment]. Contains 4 gears, from low to the highest, the angle of illumination of the beam of the low beam increases in turn.

Interior lights

Front interior light



1. Front left saloon light switch
2. Door control switch
3. Front right saloon light switch

Door control switch operation

When the door control switch "O" is pressed, the door control function is turned off.

When the door control switch "I" is pressed, all interior lights will be on.

When the door control switch is parallel to the panel, the interior lamps will light up or go out with the opening and closing of the four doors.

Saloon light switch

When the door control switch is parallel to the panel or the "O" button is pressed, the saloon light is controlled by the corresponding interior lamp switch. When the button is pressed, the lamp will be on, and when the button pops up, the lamp will be off.

Rear saloon light

The rear interior lights are located below the rear handle. When the door control switch is parallel to the panel or "O" is pressed, the ON or OFF of the rear interior lights is controlled by the rear interior light switch.

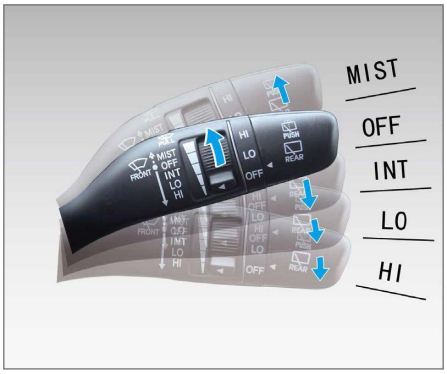
Trunk light

When the trunk lid is opened, the trunk light will illuminate automatically. After the trunk lid is closed, the trunk light will go out automatically.

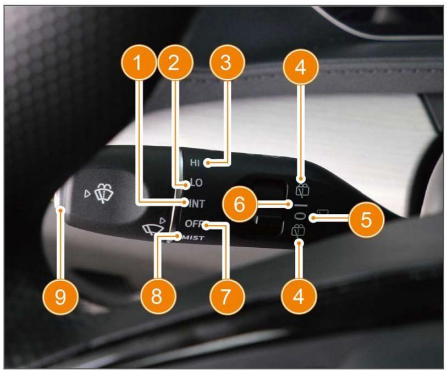
Wiper

Front manual wiper

Type I

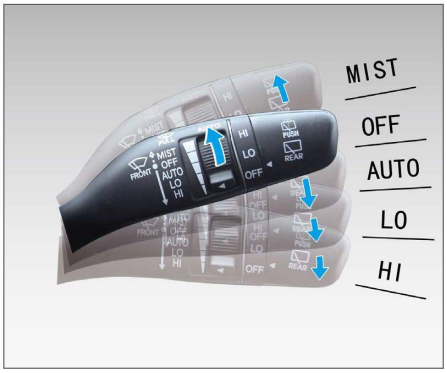


Type II



1. Front wiper intermittent mode
2. Front wiper low-speed wiping
3. Front wiper high-speed wiping
4. Rear wiper spraying
5. Rear wiper OFF
6. Rear wiper scraping
7. Front wiper OFF
8. Front wiper scraping
9. Front wiper spraying

Front automatic wiper*



MIST: Inching. Pull the wiper control handle upwards to wipe the wiper once, and the handle will automatically return to its original position after release.

OFF: Turn off the wiper. When the wiper control handle is at OFF position, stop wiping. This is the default gear.

INT: Intermittent wiping. Pull the wiper control handle downward to the INT position, the wiper will wipe intermittently, and the intermittent time can be adjusted by adjusting the ring. From top to bottom, the intermittent time gradually decreases and the wiping speed gradually increases.

AUTO*: Automatic wiping. Pull the wiper control handle downward to the AUTO position, the wiper will wipe automatically, and the sensitivity can be adjusted by adjusting the ring. From top to bottom, the sensitivity gradually increases and the wiping speed gradually increases.

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

HI: High-speed wiping. Pull the wiper control handle downward to HI position for high-speed continuous wiping.

Attention

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:

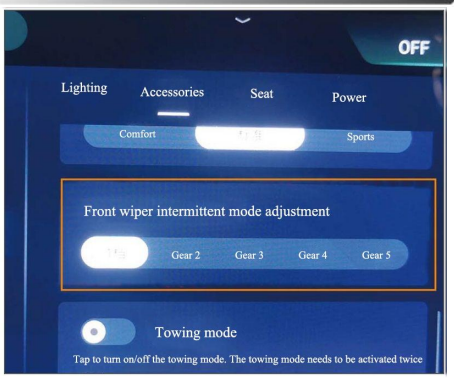
- Areas where the light changes significantly, such as woods and overpasses.
- Foreign matters, such as leaves, fall on the sensor area. • Vehicles pass through dusty areas, such as following large vehicles or passing through construction sections.

Attention

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



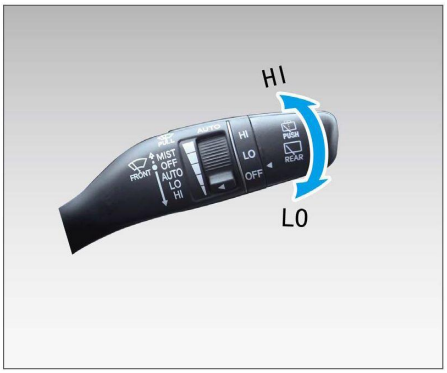
Click [Settings] - [Vehicle] - [Accessories] - [Front wiper intermittent gear adjustment] in the display to enter the adjustment interface, there are 5 gears to choose from, from 1st gear to 5th gear, the interval time increases in turn, the slower the wiping speed.

05

Front windshield washer

Pull back and hold the wiper control handle, and the front windshield washer starts to spray water, and the front wiper performs low-speed wiping at the same time. Release the wiper control handle and stop spraying water and wiping.

Rear wiper

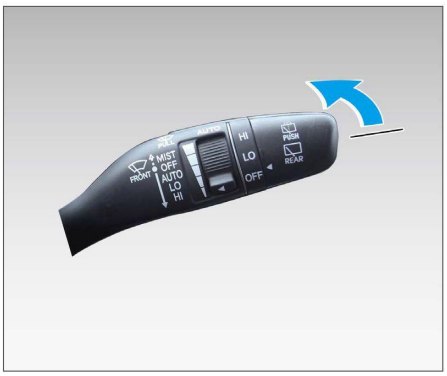


HI: High-speed wiping of rear wiper. Turn the rear end of the wiper control handle to the HI position, and the rear wiper performs

high-speed wiping.

LO: Low-speed wiping of rear wiper. Turn the rear end of the wiper control handle to the LO position, and the rear wiper performs low-speed wiping.

Rear windshield washer

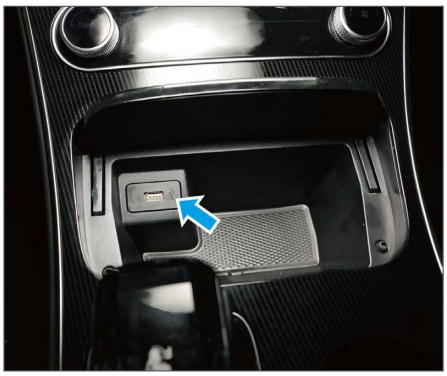


Push and hold the wiper control handle forward, and the rear windshield washer starts to spray water. At the same time, the rear wiper performs low-speed wiping. Release the wiper control handle to stop spraying water and wiping.

USB interface

The USB interface can work only when the Start/Stop switch is at "ON" or "ACC" position. This interface can be used for mobile phone charging.

Front USB interface of console



The front USB interface is located in the upper storage compartment of the console.

Rear USB interface of console

The rear USB interface is located below the rear air vent of the console.

Attention

- When the USB interface is not used, cover the dust cover tightly.
- Do not insert metal foreign matters into the interface to avoid fire caused by short circuit.
- The USB interface only provides charging function, and the maximum charging current is 2.3 A. Do not insert high-current electrical appliances to avoid fire.
- When plugging and unplugging the USB data cable, try not to tilt it in the same direction as the USB interface, avoiding damaging the USB interface.

Type-C power interface*

Type-C power interface is located in the lower storage slot of the console and supports the charging of mobile phones, tablets and laptops (the charging equipment interface shall be a Type-C interface).

12V on-board power supply

The 12V on-board power supply can work only when the Start/Stop switch is turned to "ON" or "ACC" position.

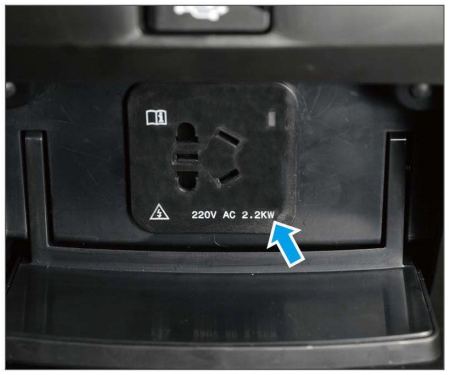
Front on-board power supply of console

The front 12 V on-board power supply is located in the storage tank at the lower storage slot of the console.

Attention

- When the USB interface and on-board power supply are not used, cover the dust cover tightly.
- The maximum output power of the 12 V on-board power supply is 120 W. Do not insert high-power electrical appliances to avoid fire.
- Do not allow children to use or touch the 12 V/220 V on-board power supply, and do not insert metal foreign matters into the power interface to avoid short circuit and fire.
- The 12 V on-board power supply is only used for power supply. Do not insert the cigarette lighter into the 12 V on-board power socket to avoid fire caused by short circuit.

220 V on-board power supply



Enable

After the vehicle is started and READY is displayed in the instrument cluster. Insert the plug of the electrical equipment into the 220 V on-board power supply socket to get normal electricity.

Disable

To stop using it, just unplug the electrical equipment.

Warning

- Do not store or use the discharging equipment in a place with water or near heat sources.
- Do not touch the 220 V on-board power socket with hands.
- When using 220 V on-board power supply alone or discharging outside the vehicle at the same time, the total power of electrical appliances shall not exceed 2.2 kw; otherwise it may cause safety accidents.

Vehicle traveling data recorder *

Insertion and extraction of memory card

The memory card slot of the vehicle traveling data recorder is located on the left side of the vehicle traveling data recorder. Please confirm whether there is a memory card in the card slot before the first use.

Pry up the plug on the left side of the vehicle traveling data recorder with a straight screwdriver to see the rubber plug of the memory card slot. Pull out the rubber plug to insert and pull out the memory card. When inserting the card, please make the text identification side of the memory card face upward. After inserting the card, reinstall the rubber plug and fasten the plug.

It is recommended that the new card be formatted in the settings of the vehicle traveling data recorder on the Dongfeng Forthing APP. The vehicle traveling data recorder supports a memory of 8 G - 64 G, and the memory card rate is required to be above Class 10.

Operation of VDR

On

When the Start/Stop switch is turned

to "ACC" or "ON" position, the VDR starts to work and enters the recording state.

Off

When the Start/Stop switch is turned from "ACC" or "ON" position to "OFF" position, the VDR will be automatically turned off or delayed (the delay time can be selected in the setting menu).

Status display of vehicle traveling data recorder

The recording status of the vehicle traveling data recorder can be viewed on the status bar of the display screen.

Specific meanings:

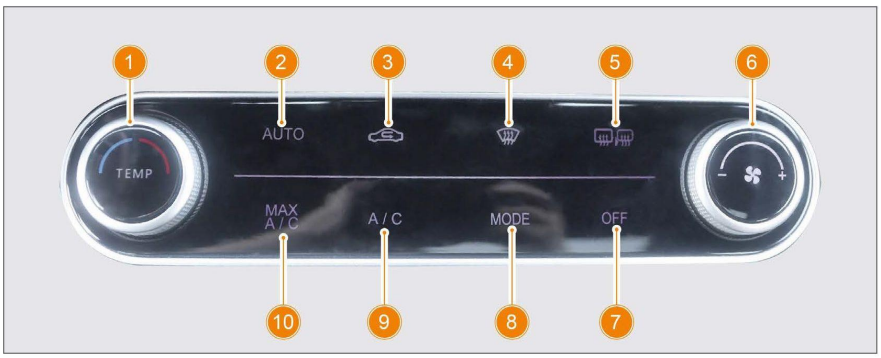
	Vehicle traveling data recorder is recording
	Vehicle traveling data recorder is abnormal
	SD card is abnormal
	SD card is full

The vehicle traveling data recorder can be operated through the Dongfeng Forthing APP. See "Driving Recorder" in Chapter VI "IVI System" for specific operation methods.

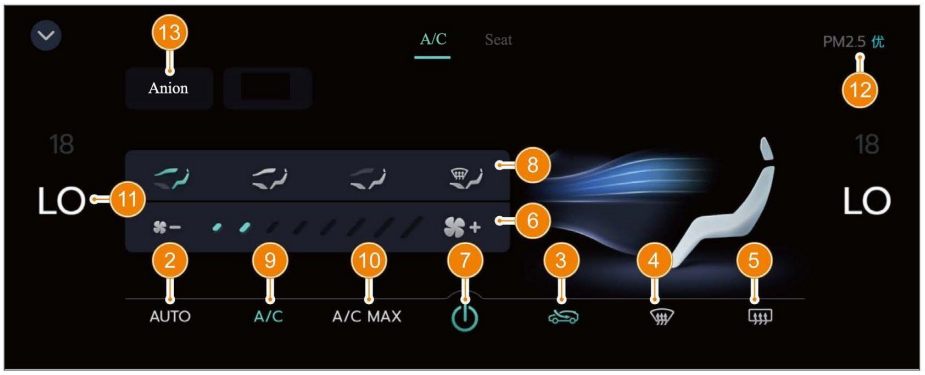
A/C system

Automatic A/C*

Front A/C touch panel



Display screen operation interface



Electric A/C

Functional description

1. Temperature adjustment knob: Turn this knob to adjust the interior temperature.

2. AUTO button: Press this button, the A/C system will enter the full-automatic state from the non-automatic state, and the A/C system will automatically adjust the interior temperature.

3. Internal/external circulation switch button: When passing through a dusty area, press this button to circulate air in the vehicle, and press this button again to return to the external circulation mode.

4. Front defrosting button: Press this 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.

5. Rear defrosting button: Press this button to turn on or off the rear windshield/exterior rearview mirror defrosting function. After opening, the fog, frost and thin ice on the rear windshield and exterior rearview mirrors can be removed. If it is not turned off after being turned on, this function will turn off automatically after 10 - 20 minutes.

6. Air volume adjustment knob: Rotate the knob to adjust the air volume at the air vent. At the same time, the current air volume will be displayed on the display screen.

7. A/C system (OFF) button: Press this button to turn on or off the A/C system.

8. Blowing mode adjustment (MODE) key: Press this key to select the blowing mode, and the selected mode will be displayed on the display screen. They are respectively: air-to-head, air-to-head/air-to-footwell, air-to-footwell and air-to-footwell/defrosting mode.

9. A/C button: Press this button to turn on or off the A/C refrigeration.

10. Maximum refrigeration switch (A/C MAX) button: Press this button to enter the maximum refrigeration mode, with the maximum air volume and the lowest temperature.

11. A/C temperature adjustment: Slide up and down to adjust the interior temperature.

12. PM2.5 level display *: PM2.5 levels can be monitored and displayed for some models.

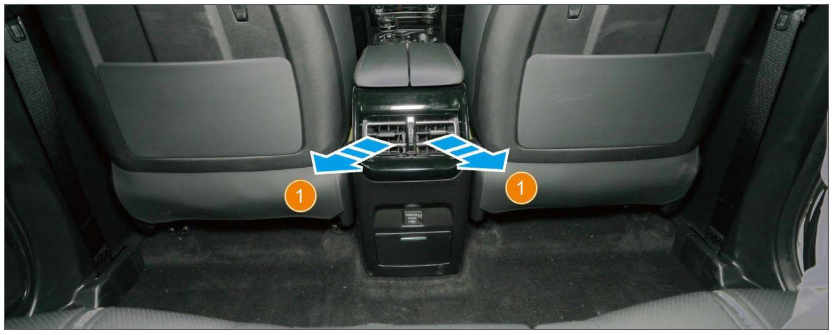
13. Anion button *: For some models, the anion purification function can be turned on or off.

Position of air vent

Front air vent

1. Demisting vent of side windshield
2. Demisting air vent of front windshield
3. Right air vent
4. Front-row footwell air vent
5. Central air vent
6. Left air vent

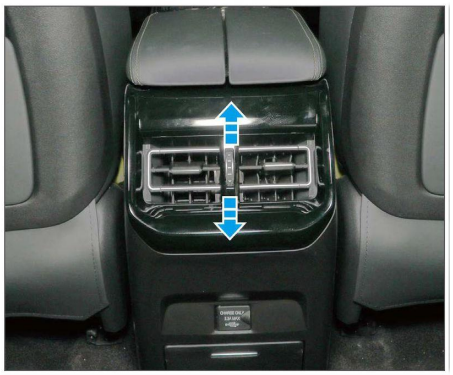
Rear air vent



1. Rear-row middle air vent

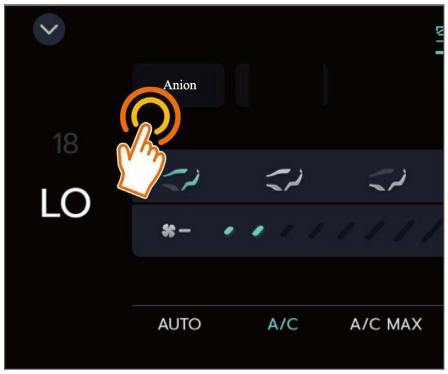
Adjustment of airflow and direction

Turn the air vent switch knob clockwise to close the air vent, and counterclockwise to open the air vent. The air direction can be changed by moving the grille in the middle of the air vent up and down, left and right.



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

Air purification system *



The air purification system can quickly reduce harmful chemical gases, dust, bacteria and volatile organic compounds in the air, reduce peculiar smell and improve the air quality in the vehicle. At the same time, the air purification system can detect the air quality and display the air quality through the display screen, so as to achieve the best air purification effect.

Notes to users

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. 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.

4. If the operation is too frequent, the system may take some time to react. Please be patient and do not repeat the operation.

5. If the system is abnormal, please do not repair it yourself. Please contact an authorized service station of Dongfeng Forthing for maintenance in time.

6. When the vehicle is not started, do not use the system for a long time to avoid using up the 12 V low-voltage battery.

7. 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.

8. 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.

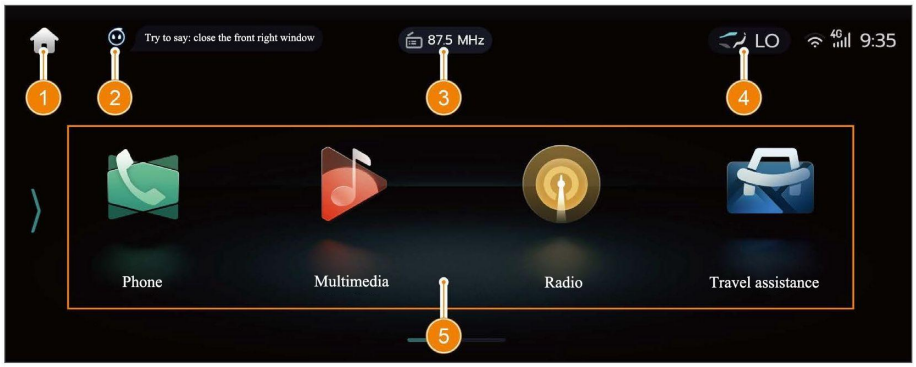
9. In remote areas, mountainous areas, tunnels, or underground parking lots with weak network signals, the use of navigation and network functions may be affected. After the vehicle leaves these areas, network signals will automatically recover.

10. For car owners who have successfully registered for internet of vehicles, the system automatically gives them a basic traffic pack and a 4.8 G experience data pack (valid for six months). The complimentary basic traffic package function supports remote vehicle condition, vehicle control, online map, voice assistant (including weather, stock, flight query and other knowledge base and smart home control), etc., which can be used free of charge for life; the 4.8 G experience data package function supports playing QQ Music, online radio station, offline map download, on-board WIFI hotspot, vehicle recorder photos/videos uploaded to mobile phones, etc.. After the complimentary experience data package is consumed or expires, owners can buy traffic packages or connect mobile phone hotspot for use in Dongfeng Forthing APP and IVI mobile data mall. Please scan the following QR code for Dongfeng Forthing APP related operation and the internet of vehicle registration process:

Homepage

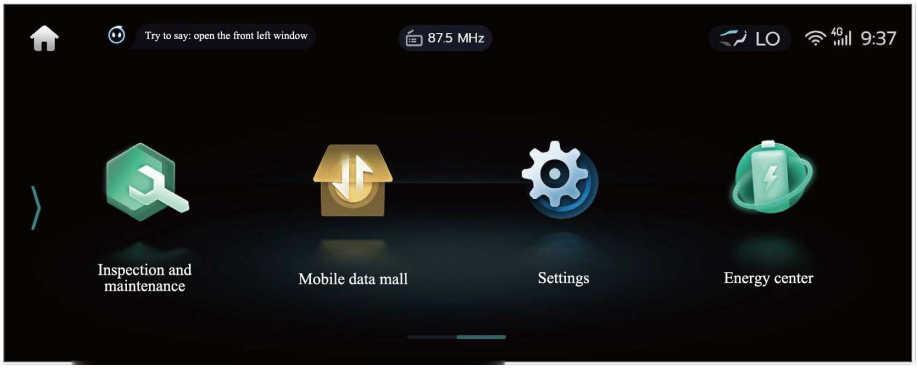
Slide to the left in any space on the first page to enter the second page or slide to the right on the second page to return to the first page.

Page 1



06

Page 2



1. Homepage button: Tap this button on any interface to return to the homepage.
2. Voice assistant *: See the "Voice Assistant" chapter for details.
3. Media information area: Display the currently played media information. Tap to quickly enter the application that is playing media.
4. State zone:

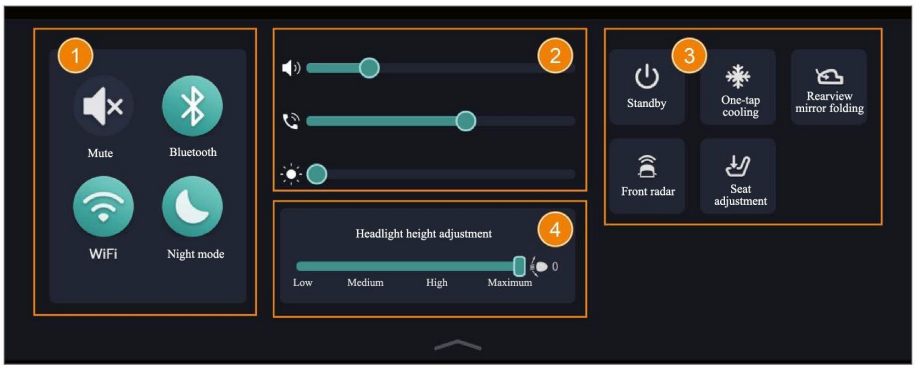
Icon	Notes
23°C	It displays the A/C status, including wind direction and temperature from left to right (automatic A/C models that do not support dual temperature zones).
	WiFi status
4G 3G E	Network status and network environment *, from left to right, normal network status, 3G network, 2G network, stopped card or no traffic are indicated.
	USB connection
	Bluetooth connection
	Hotspot activated
	Mute

Icon	Notes
	Vehicle traveling data recorder status *: from left to right, it indicates that the vehicle traveling data recorder is abnormal, the SD card is abnormal, and the SD card is full.

5. Application area: Tap it to enter the corresponding application. Different models with different configurations may have different applications, and software updates may also change the content and location of the application, subject to your real vehicle.

Dropdown shortcut menu

Slide down at the top of the multimedia display screen to bring up the dropdown shortcut menu.



1. Left shortcut control area:

Mute: Tap it to enable/disable the mute mode.

Bluetooth: Tap it to turn on/off the Bluetooth function switch, and long press it to enter the Bluetooth setting interface.

WiFi: Tap it to enable/disable the WiFi function switch, and long press it to enter the WiFi setting interface.

Day/night mode: Tap it to switch between day/night mode.

2. Quick adjustment of volume/brightness:

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

Bluetooth phone volume adjustment: Swipe left and right to quickly adjust the volume of the Bluetooth phone.

Display brightness adjustment: Swipe left and right to quickly adjust the brightness of the display.

3. Right quick switch control area: Standby: Click to enter the display standby screen.

One-tap cooling: Tap it to turn on/off the one-tap cooling function.

Rearview mirror folding: Tap it to fold/unfold the rearview mirror.

Front radar: Tap it to activate/deactivate the front radar.

Seat adjustment: Tap it to adjust the seat heating/ventilation/massage.

4. Headlight height adjustment: Slide the control button left and right to adjust the height of the headlights.

A/C setting

Click any interface of the A/C panel or click the icon in the A/C status bar to enter the A/C setting.

Automatic A/C

1. A/C temperature setting.

2. The functions of anion, energy saving and heating can be switched on and off, depending on the configuration of your model.

3. Switch between A/C and seat (ventilation/heating/massage) settings *.

4. Displays the air quality state *.

5. In the blowing mode display area, you can also click on different positions to switch the blowing mode.

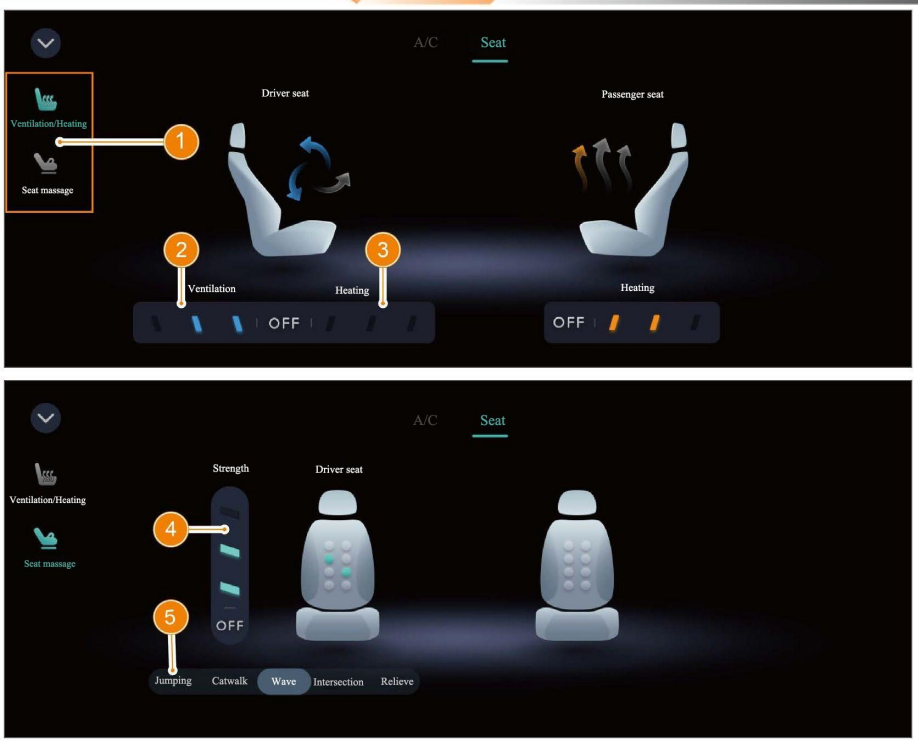
6. A/C air volume and blowing mode regulation area.

7. A/C virtual buttons: automatic mode, A/C refrigeration switch, A/C MAX refrigeration mode, A/C switch, internal/external circulation switch, front defroster switch and rear defroster switch from left to right.

Seat setting*

Enter the seat setting page through the A/C setting page.

Models supporting seat heating, ventilation and massage



1. Switch between ventilation and heating and seat massage.
2. Seat ventilation opening and closing and gear adjustment.
3. Seat heating opening and closing and gear adjustment.
4. Seat massage and intensity adjustment.
5. Selection of seat massage mode.

Voice assistant *

For models equipped with Future-Link IoV function, you can press the voice wake-up button on the left of the 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."

"Open the sunroof."

"Turn on seat heating."

"Seat ventilation to 3rd gear."

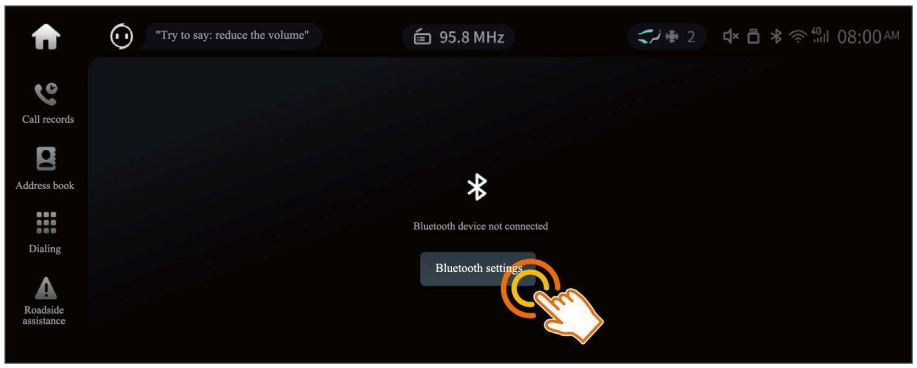
"Seat massage catwalk mode."

You can also say "Call you XX" to change wake-up words. After changing them, you can wake up the voice assistant with new wake-up words.

More tips can be viewed on the help page of the voice assistant after it is woken up.

Bluetooth phone

Tap the [Phone] icon on the main interface of the system to enter the Bluetooth telephone interface.

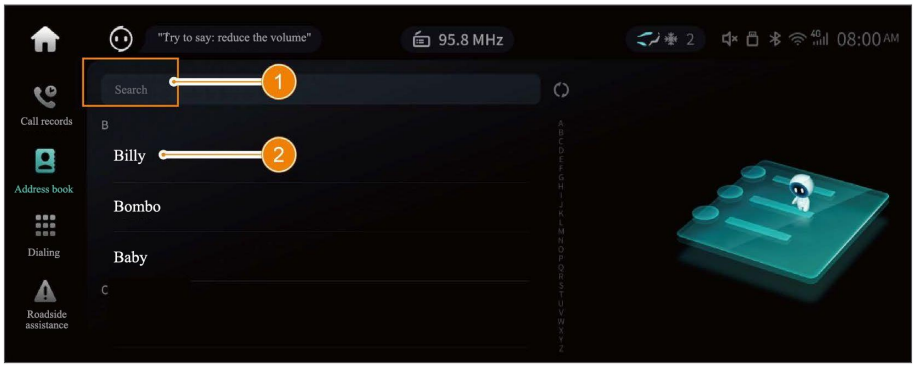


When the Bluetooth function is not turned on, the interface displays the Bluetooth settings. Tap here to turn on the Bluetooth function, and at the same time, it prompts to connect the Bluetooth of the mobile phone. Other operations can be carried out after successful connection.

Call records

1. Return to the homepage: Tap it to return to the main interface of the system.
2. Switch and view call records: Tap to switch all/missed call records.
3. Synchronization function: Tap to synchronize the phone call records and address book information.
4. Call record details: Tap to view the details of the contact's call records.
5. Call record list: Scroll up and down to view the call records, and tap any contact to make a call.
6. Switch to view call records, address book, dialing and roadside assistance, and use related functions.

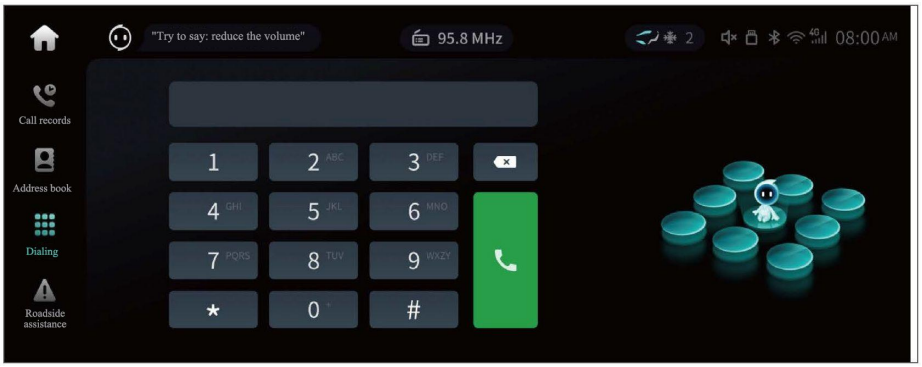
Address book



1. Address book search function: Click and enter keywords to search for saved contacts.

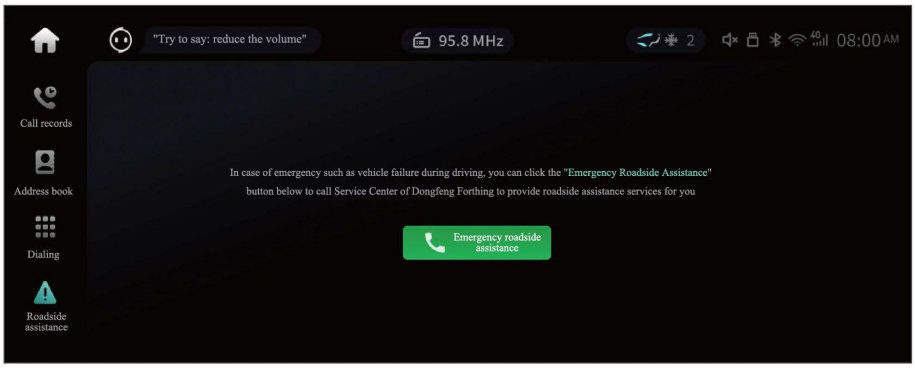
2. Address book list: Scroll up and down to view the address book, and tap any contact to make a call.

Dial



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

Roadside assistance



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

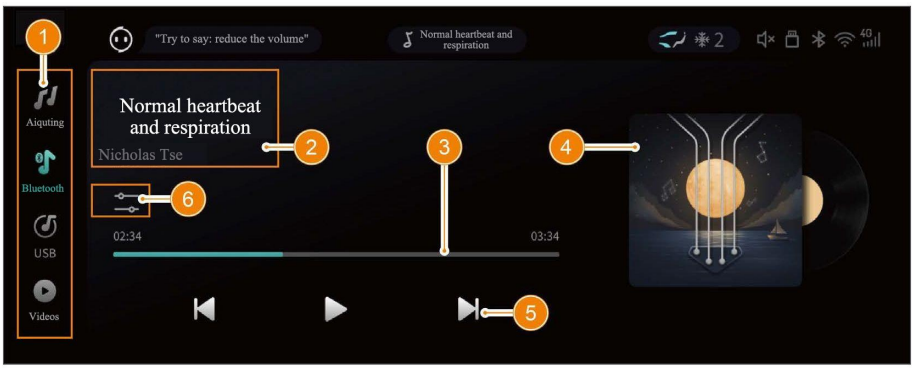
E-CALL function

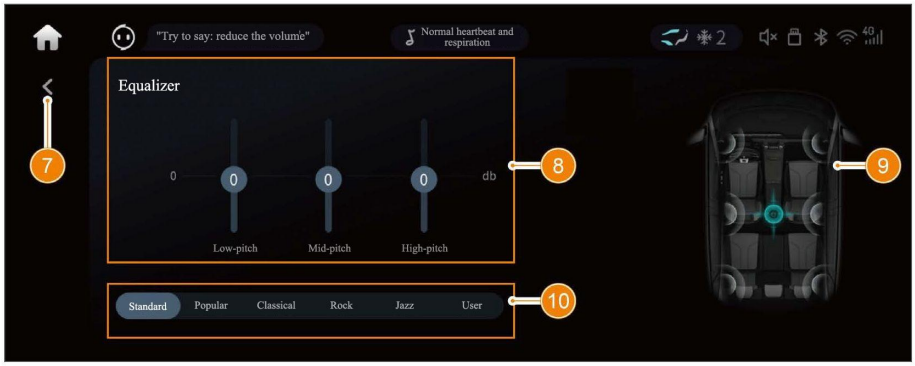
When the vehicle is involved in a collision, the system will upload the collision information to the TSP backstage, which will notify the call center. The call center will take the initiative to contact the vehicle for emergency assistance after receiving the relevant notification information.

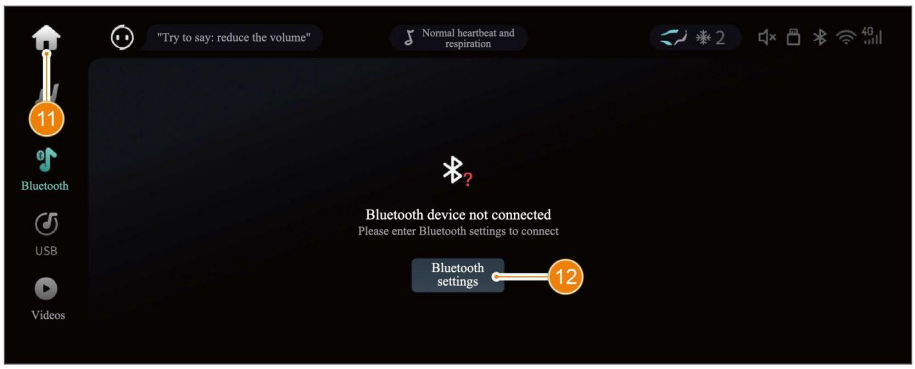
Multimedia

Tap the [Multimedia] icon on the main interface of the system to enter the multimedia interface.

Bluetooth music







1. Tap it to switch and use Tencent Smart*, 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. Bluetooth music information display area: Display song album pictures/default pictures.

5. Bluetooth music play control: Play/pause, previous/next song switching.

6. Sound effect adjustment: Tap it to enter the sound effect adjustment interface.

7. Back: Tap on the sound effect adjustment interface to back to the Bluetooth music interface.

8. Equalizer adjustment: adjust the bass, mid-tone and high-tone effects by scrolling up

and down.

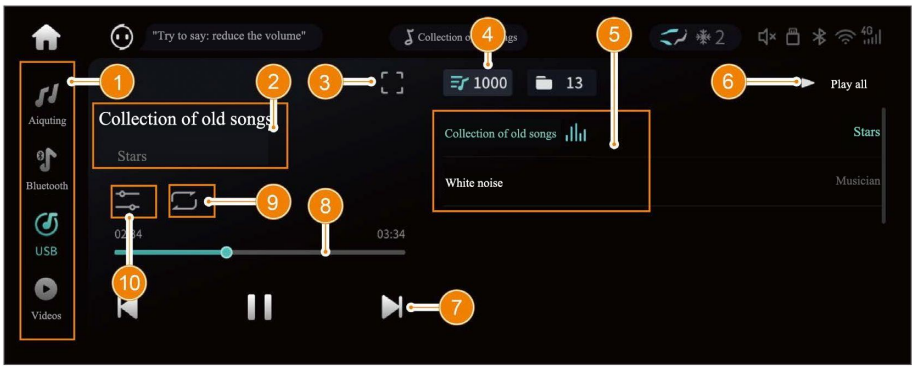
9. Sound field adjustment: The sound field can be adjusted by moving the cursor, and the sound field can be reset by dragging the cursor to the center.

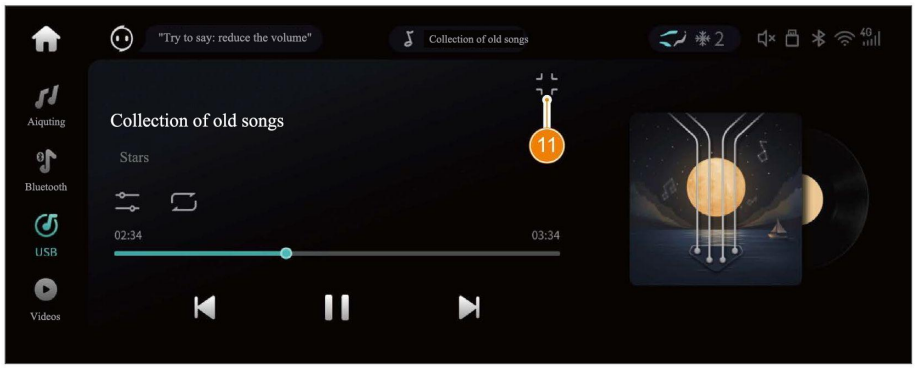
10. Equalizer mode: Tap to switch the equalizer mode.

11. Return to homepage: Tap it to return to the main interface of the multimedia display screen.

12 Bluetooth setting: When Bluetooth is not connected, tap Bluetooth setting to connect Bluetooth if you want to enter Bluetooth music.

USB music





1. You can switch to Tencent Smart *, Bluetooth music, USB music and USB video functions.

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

3. Full-screen display: Tap it to display USB music information in full screen.

4. List switching: Click to switch the music playlist/USB folder list.

5. Music list: Scroll up and down to view the list, and tap the music file to play it.

6. Play All: Tap it to play all music files in the current list.

7. USB music play control: play/pause, previous/next song switching.

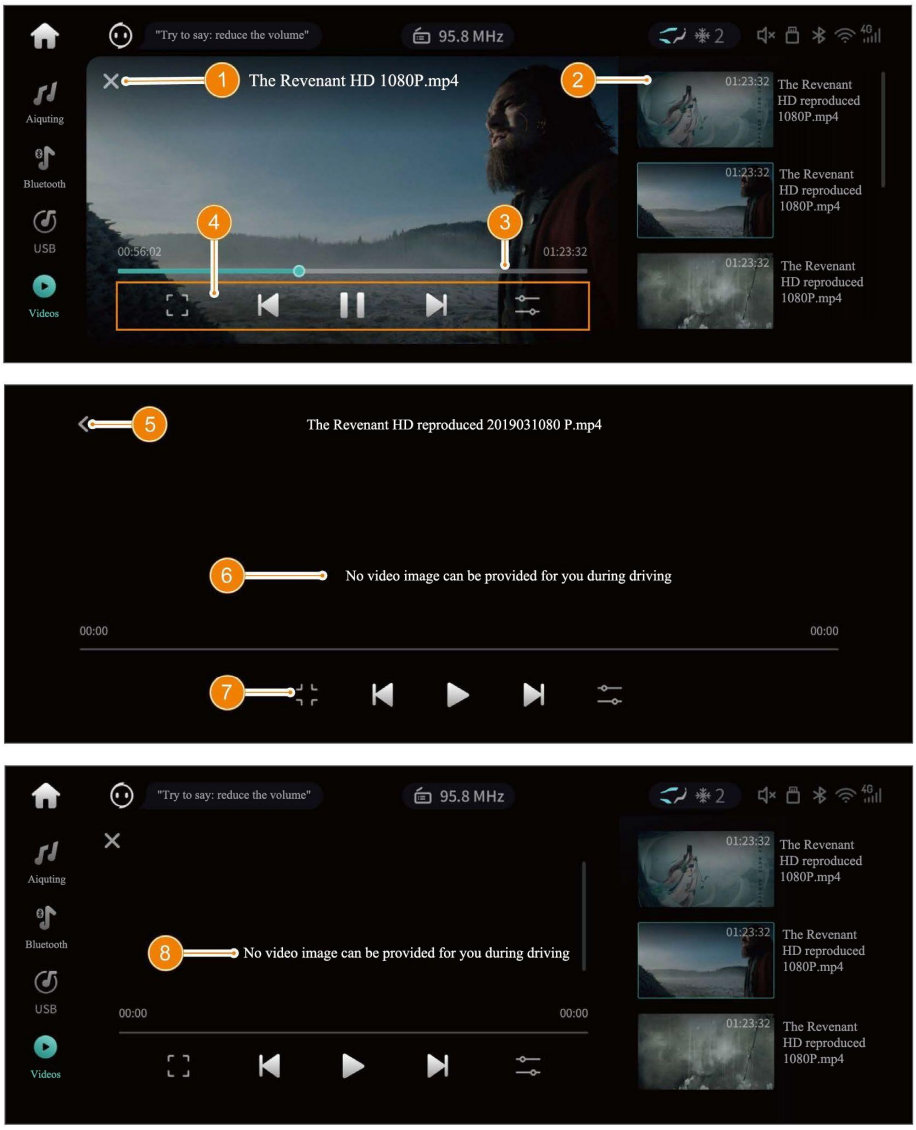
8. Progress bar control: Swipe left and right to adjust the play progress.

9. Cycle mode switching: Click to switch single cycle/list cycle/random play mode.

10. Sound effect adjustment: Tap it to enter the sound effect adjustment interface.

11. Fold full screen: Tap to fold the full screen display status.

USB video



1. Close video: Tap to close the current video.

2. Video play list: Scroll up and down to view the list, and tap the video in the list to play.

3. Progress bar adjustment: Swipe the progress bar left and right to adjust the video playing progress.

4. USB video play control: full screen play, play/pause, previous/next video switching, sound effect adjustment.

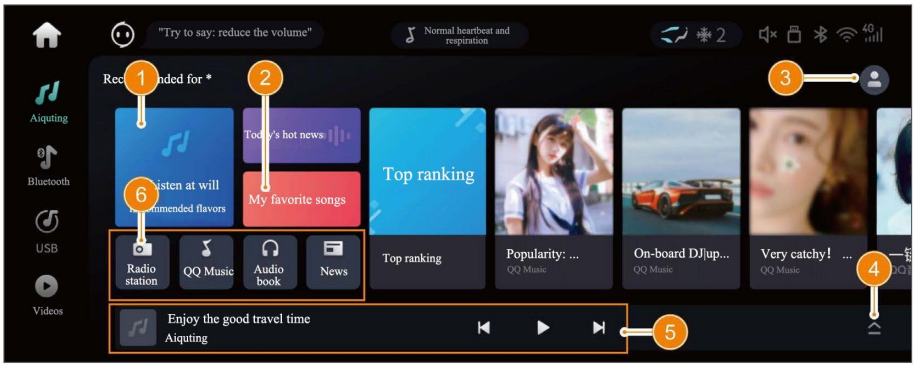
5. Back: Tap to back to the last interface.

6. Video play area: Tap to call out the play control, and double tap to pause/play; scroll left and right to adjust the play progress; scroll up and down on the left side of the screen to adjust the video play brightness, and scroll up and down on the right side of the screen to adjust the video play volume.

7. Fold full screen: Tap to fold the full screen display status.

8. Driving video warning: After the driving video warning is turned on in the setting, the video screen will not be displayed during driving, and other operations will not be affected.

Tencent Smart *



1. Recommended content: Tencent Smart intelligently recommends online content based on user preference, and tap it to listen.

2. My favorite songs: Tap it to enter the favorites interface, where you can listen to your favorite online songs.

3. User account login: Tap it to log in/log out of personal account.

4. Expand button: Tap it to expand the playlist.

5. Play control: Play/pause, previous/next song switching.

6. Tencent Smart function label: Click to listen to online radio/QQ Music/audiobooks/news.

Radio

Tap the [Radio] icon on the main interface of the system to enter the radio interface.

1. FM/AM switching: Tap to switch FM/AM frequency band.

2. Radio play control: Add radio stations to favorites, and search for radio stations.

3. Channel switching control: from left to right: switching the previous radio station in the list, currently playing radio station information, and switching the next radio station in the list.

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

5. Radio station list: Display the preset radio station/favorite radio station list.

6. List switching: Tap to switch the preset radio station/favorite radio station list.

Travel assistance *

Tap the [Travel assistance] icon on the main interface of the system to enter the travel assistance interface.

1. Tap it to switch and use personal center, travel assistance navigation, travel assistance rally, and travel assistance applets.

2. Navigation search: Search for a specified destination for navigation.

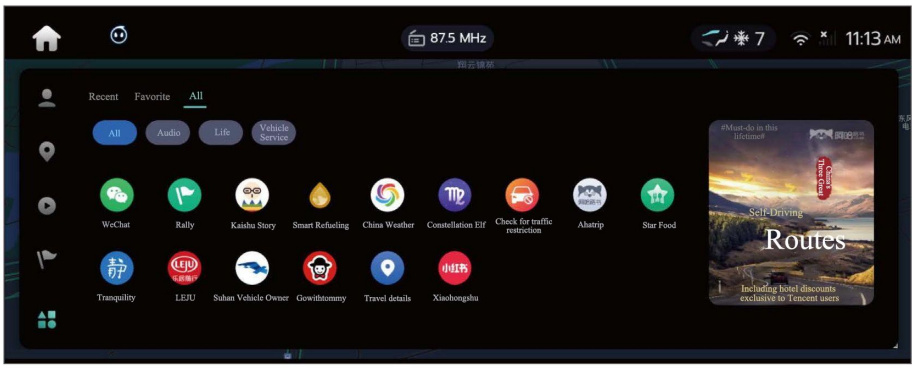
3. Navigation shortcut bar: Quickly operate navigation, including going home/going to the company/checking favorite places/searching for surrounding services.

4. Clear history: Tap it to clear the navigation search records.

5. History: Display navigation search record list. Tap the list entry to navigate directly to the destination.

6. Navigation map display area: Support sliding to view and zoom in/out the map.

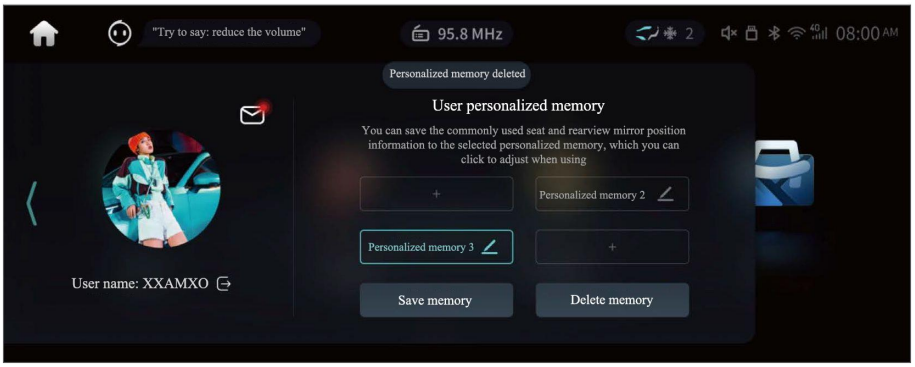
Travel assistance applets



Tap the icon of each applet to use its function.

User personalized memory *

Swipe the main interface of the system to the right to pull out the user personalized memory interface, scan the QR code on the left side of the interface to log in, and display user name and avatar after logging in. You can save the commonly used seat and exterior rearview mirror position information to the selected personalized memory.



Tap [+] to add the current seat or exterior rearview mirror position information, and you can add multiple personalized memories according to your needs.

To use a certain seat or exterior rearview mirror position information, tap the corresponding memory position to automatically adjust the seat or exterior rearview mirror to the previously memorized state.

When you are not logged in, the personalized memory is associated with the smart key. The seat or exterior rearview mirror can be automatically adjusted to the previously memorized state by recognizing your smart key.

When you log in with the Bluetooth key, the personalized memory is associated with the account. The system can upload seat or exterior rearview mirror position information to the cloud for saving, and then automatically adjust the seat or exterior rearview mirror to the previously memorized state by recognizing your account information. After logging in, the system will compare and update the current memory position, and save it synchronously. In addition, the seat or exterior rearview mirror status will also be automatically saved when the vehicle speed exceeds 20 km/h.

Tap [] to customize the name of the personalized memory, making it convenient for you to use different seat or exterior rearview mirror position information according to different needs.

Tap [Save memory] to save the newly added personalized memory or overwrite the previous personalized memory.

Tap [Delete memory] to selectively delete personalized memories.

Tap the avatar to log out.

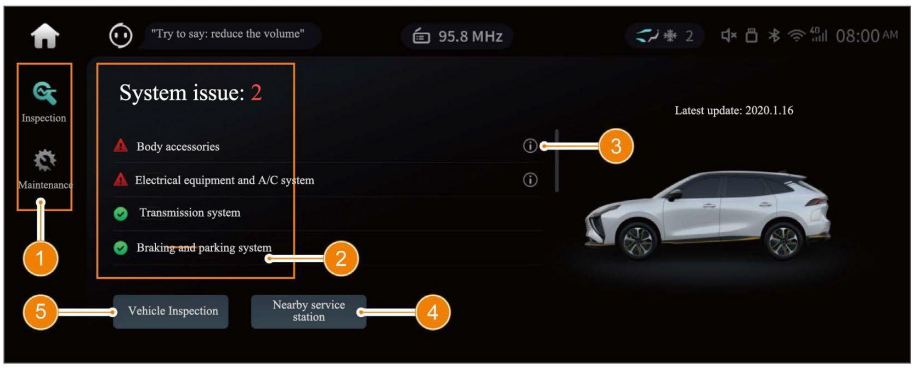
Tap [] to enter the message center to view the push messages.

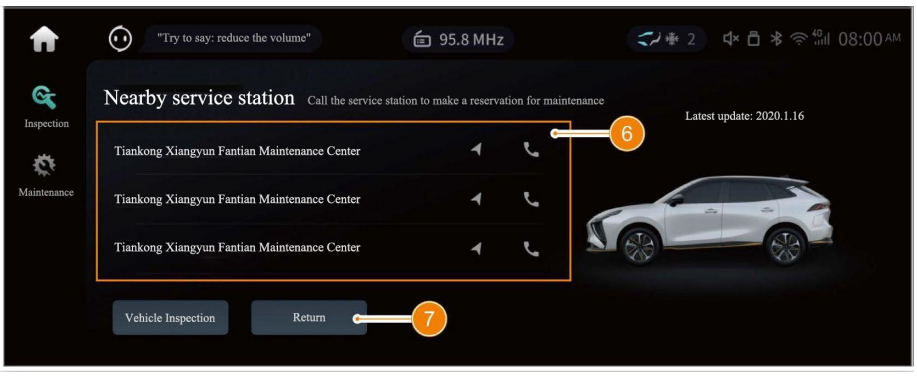
The message center includes operational messages, exception messages, system messages, and maintenance messages. Slide up and down to view the list information, and tap the corresponding message title to view the detailed message.

Inspection and maintenance

Tap the [Inspection and maintenance] icon on the main interface of the system to enter the inspection and maintenance interface.

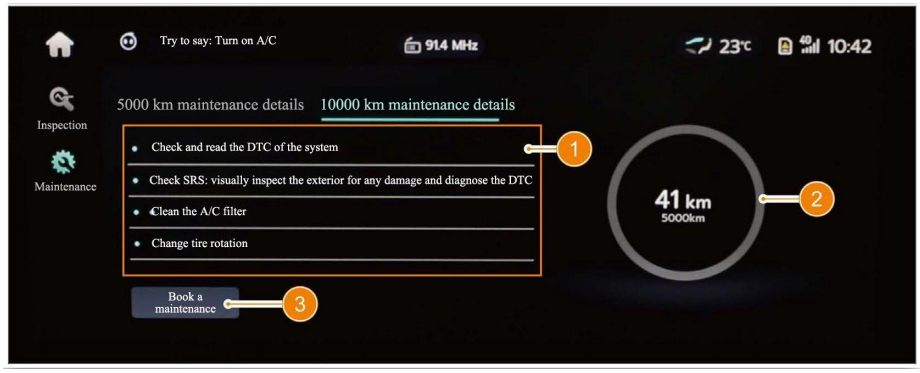
TATC





1. Tap it to switch and view the inspection or maintenance information.
2. List of vehicle inspection modules: to slid up and down to view the inspected issues.
3. Issue details: Tap to view the details of inspected issues.
4. Surrounding service station: Tap it to jump to the list of surrounding service stations.
5. Vehicle inspection function: Tap it to perform inspection.
6. Surrounding service station information: Navigate to or call the corresponding service station.
7. Return: Return to the inspection page.

Maintenance function



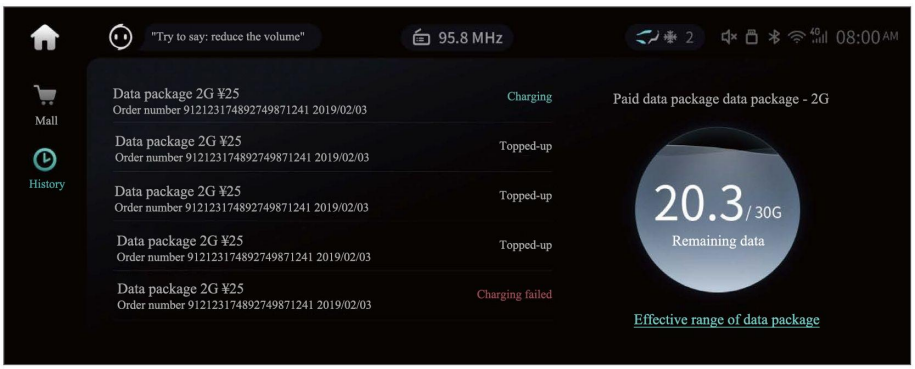
1. Maintenance details: Switch to view the maintenance information corresponding to different mileage.
2. Display the current total mileage progress.
3. Maintenance appointment: Make a phone call to make an appointment for maintenance.

Mobile data mall

Tap the [Mobile data mall] icon on the main interface of the system to enter the mobile data mall interface.

1. Tap it to switch to view the mobile data mall/purchase history.
2. Data package details: Tap it to view the detailed data package information.
3. Remaining data: Display the currently remaining data information.
4. Purchase of data package: Tap it to purchase the corresponding data package, and slide left and right to view more types of data packages.

Purchase history

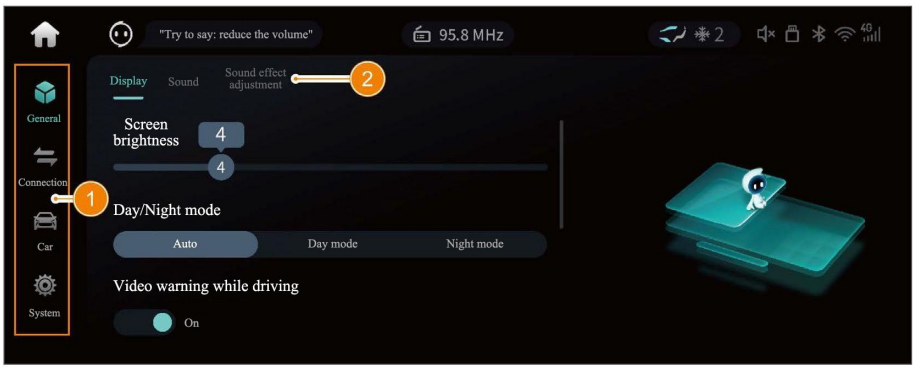


Slide up and down to view the purchase history data of data packages. Tap [Effective Range of Data Package] to view the effective range of data package.

Settings

Tap the [Settings] icon on the main interface of the system to enter the setting interface.

General settings



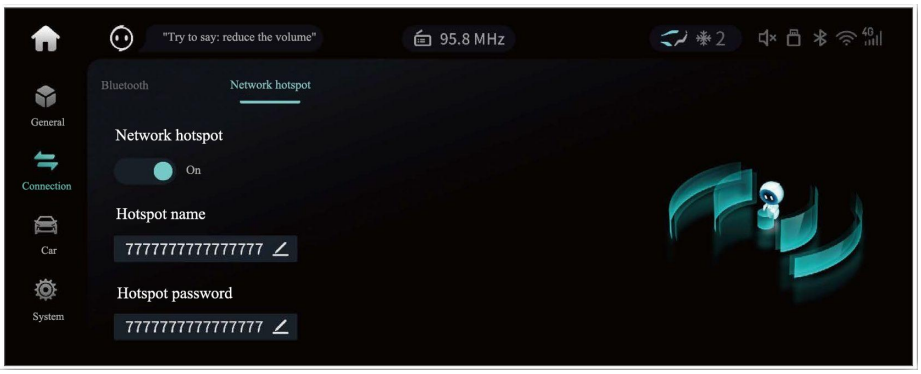
1. Tap to switch to view and adjust general settings, connection settings, vehicle settings and system settings.

2. General settings include: display, sound and sound effect adjustment.

Module	Included Functions
Display	Screen brightness, day/night mode, video warning during driving, automatic time synchronization #, time system, default display of traveling assistance upon startup *, and language setting #.
Sound	Phone volume, navigation volume, and button prompt tone.
Sound effect adjustment	Equalizer, sound field.

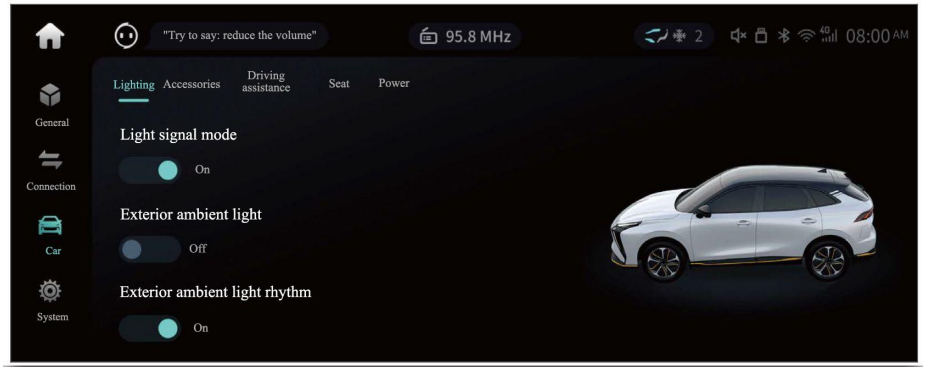
(* With IoV models; # with non IoV models)

Connection settings



Connection settings include: Bluetooth, WLAN and network hotspot.

Vehicle settings



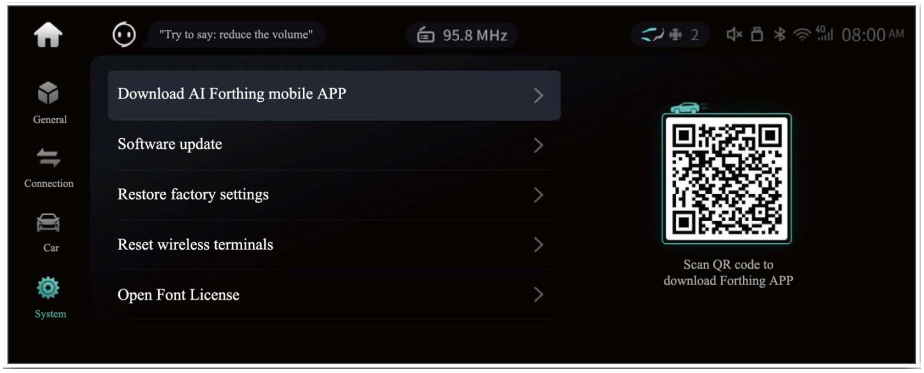
Vehicles include: lights * / accessories/seats * / driving assistance */ power settings (EV models)

Module	Included Functions
Lighting *	Ambient light brightness adjustment, ambient light color adjustment, rhythm mode selection, light language mode selection, exterior ambient light rhythm switch, and corner light synchronization switch.
Accessories	Rearview mirror auto-folding, remote lock feedback, maximum opening angle of liftgate, remote window closing settings, steering mode settings, rearview mirror tilting down in reverse *, custom key functions of steering wheel, automatic locking by Bluetooth key when leaving the vehicle *.
Accessories-Steering Wheel Button Customization	Photo: The custom button is defined as a photo function, and press the custom button to take a photo with the dashcam. Mute: The custom key is defined as a mute function, and press the custom button to mute the multimedia. Standby: The custom key is defined as standby function. Press the custom button to enter the standby interface, and the default is standby function.

Module	Included Functions
Seat *	Seat heating automatically switched on/adjusted, seat ventilation automatically switched on/adjusted, and seat massage switched on/adjusted.
Driving assistance *	Automatic high beam control IHC, traffic sign recognition TSR, automatic emergency braking AEB, forward collision warning FCW, lane departure warning LDWS, lane change assist setting LCA, door opening warning system setting DOW, rear crossing warning system setting RCTA, rear occupant detection system switch ROD.
Power settings	Energy recovery level, OPM mode switch, pedestrian alarm warning, super power saving mode, comfort parking.

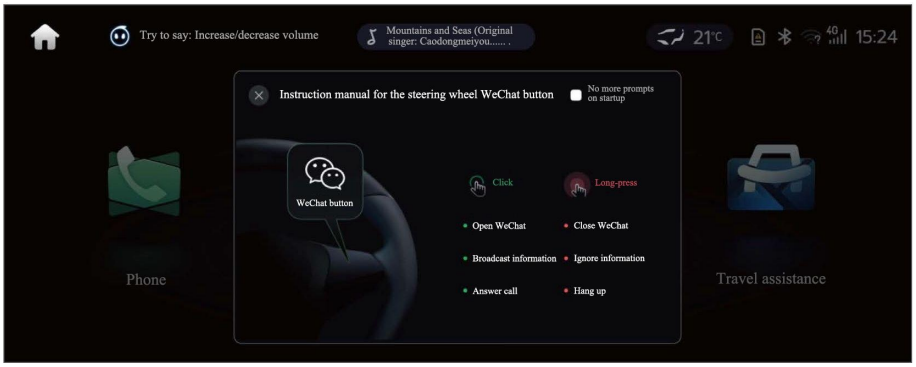
(* High configuration model configuration)

System settings



System setting includes: Dongfeng Forthing APP download, software updates, factory setting recovery, wireless terminal reset, and open font protocol.

On-board WeChat button *



Tap the button	Open WeChat, broadcast messages, and answer phone calls
Press and hold the button	Close WeChat, ignore messages, and hang up phone calls

12 V low-voltage battery charging reminder

When the vehicle is not switched to the READY status, it will be powered by the 12 V low-voltage battery. To ensure that the vehicle's battery does not run out of power due to this, if the vehicle is not switched to the READY state within 1 minute after the multimedia system is turned on, a text window will pop up on the display screen, reminding you to pay attention to the power of the 12 V low-voltage battery. This reminder will be automatically dismissed after the vehicle is switched to the READY state.

When the vehicle is not switched to READY status, if the system detects that the 12 V low-voltage battery power is less than 60%, a text window will pop up on the display, suggesting that the 12 V low-voltage battery power is too low, at this time, you should immediately switch the vehicle to READY status, and recharge the 12 V low-voltage battery, or it may affect the normal use of the vehicle. This reminder will be automatically dismissed after the vehicle is switched to the READY status.

Storage device

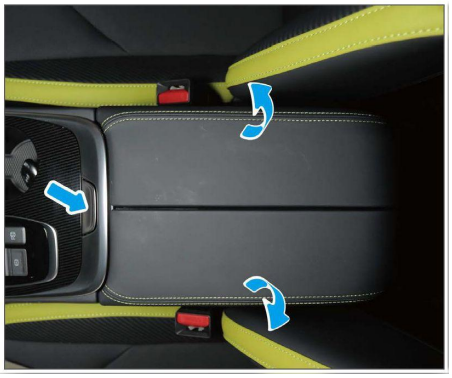
Door storage slot

The interior trim panels of the front and rear doors are provided with door storage slots for storing water cups and other articles.

Storage box in instrument panel

The instrument panel is equipped with a storage box, which can be opened by pulling the tongue and closed by pushing it back.

Central armrest box



Press the front lock catch of the central armrest box, and the left and right armrests will open automatically.

There is an air vent in the central armrest box. Turn the switch to open or close the vent.

Storage of console

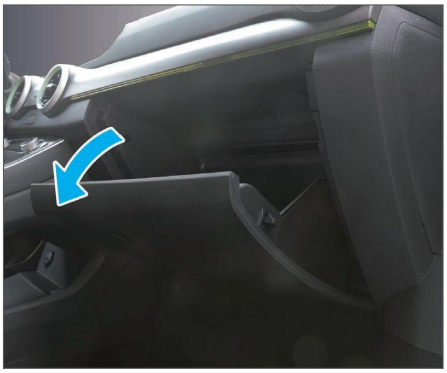
Upper storage compartment of console

The upper part of the console is equipped with a storage compartment for storing mobile phones and other items. Press the storage compartment opening button to open the storage compartment cover plate. When closing, press the cover plate until a "click" sound is heard.

Lower storage slot of console

A storage slot is provided at the lower part of the console to store small items such as mobile phones and keys.

Glove box



The glove box is located on the right side of the instrument panel 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.

Cup holder

Front passenger cup holder

Rear passenger cup holder

The cup holder can hold tea cups, beverage bottles and other items for easy use during travel.

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.

Glasses case *

The glasses case can be used to store glasses. Press the front end of the glasses case to slowly open it, and push the front end of the glasses case back to close it.

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 sun visor is equipped with a vanity mirror on the inside. Turn down the sun visor and push the vanity mirror cover to the left/right for use. Some models are equipped with LED fill lights, which automatically light up when the cover plate is pushed open, and go out after the cover plate is closed.

Mobile phone bracket

The middle part of the instrument panel is provided with a mobile phone bracket interface, which is convenient for use during driving.

Top handle

The top handle is available to support the body when needed.

Attention

Do not hang heavy objects on the top handle or apply excessive force to the top handle to prevent it from being damaged.

Hook

Instrument panel hook

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

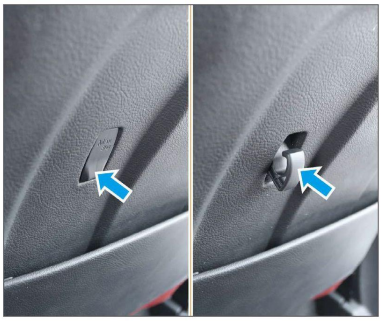
Clothes hook

Some of the top handle is equipped with a clothes hook.

Attention

Do not hang hangers or other hard objects on the clothes hooks. When the side curtain SRS deploys, these items may be ejected and cause injuries to passengers.

Seat back hook



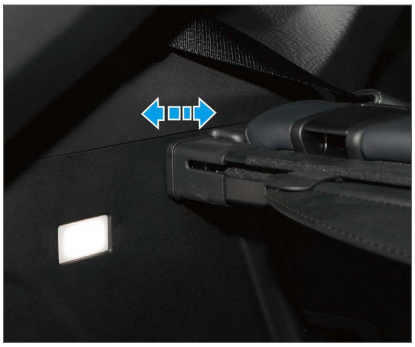
There are hooks on the back of the front seats for passengers to use.

Attention

The maximum load capacity of the hook is 3 kg. Do not hang overweight objects.

Retractable curtain *

Installation and removal



1. Press both ends of the retractable curtain toward the middle and retract it, and then clamp it on the fixing slot of the vehicle. After installation, shake it to check whether it is installed in place.

2. The removal steps are reverse to the installation steps.

Deployment and retraction

1. Pull open the curtain handle, and fit the clips on both sides into corresponding slots of side wall to unfold the retractable curtain.

2. Retract the step and follow the deployment step in the reverse direction.

Attention

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

Vehicle startup

Start/Stop switch mode

Carry the smart key matched with the vehicle into the vehicle.

OFF gear: With the vehicle in OFF gear, the Start switch indicator light is in breathing/blue status.

ACC gear: With the vehicle in "OFF" gear, press the Start switch without depressing the brake pedal, and the indicator light will turn breathing/blue. Switch the vehicle to "ACC" gear. At this time, the IVI system and other related functions can be used.

ON gear: When the vehicle in "ACC" gear, press the Start switch without depressing the brake pedal, press the Start switch once, and the indicator light will turn breathing/blue. When the vehicle is switched to "ON" gear, most electrical equipment such as seat heating can be used. Press the Start switch again, and the vehicle will return to the "OFF" position.

START: It is a gear position after the vehicle starts. When the Start switch is in the "OFF/ON/ACC" gear, press the brake pedal, make sure the gear lever is in P/N gear, and then press the Start switch to start the vehicle directly. At this time, the Start switch indicator light is always on in blue.

Start the vehicle power system

To start the vehicle, the following conditions must be satisfied:

1. The gear is in P or N.

2. Press the brake pedal until the "READY" indicator light on the instrument cluster lights up.

3. Press the Start switch, the Start switch indicator light changes from breathing/blue light to constant blue light and the vehicle starts.

Attention

- READY indicator lights up to indicate that the vehicle is in a drivable condition.
- If the READY indicator light 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 light 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.
- 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.

Start failure of vehicle

If the vehicle READY indicator light does not illuminate, it indicates that there may be a power failure affecting the vehicle starting or the starting conditions are not met. Please check according to the prompts on the instrument cluster.

1. The instrument cluster displays [Electronic anti-theft failed]. Please check whether the smart key is in the vehicle and close to the front cup holder.

2. If the instrument cluster prompts [Low battery] or the instrument cluster cannot be lit, it indicates that the 12V low-voltage battery may have run out. Please try to start the vehicle by jumping. See "Jump Start" in Chapter X "Emergency Self-handling" for details.

3. If the instrument cluster indicates

[Powertrain fault], please contact a Dongfeng Forthing Exclusive Sales Service Station in time.

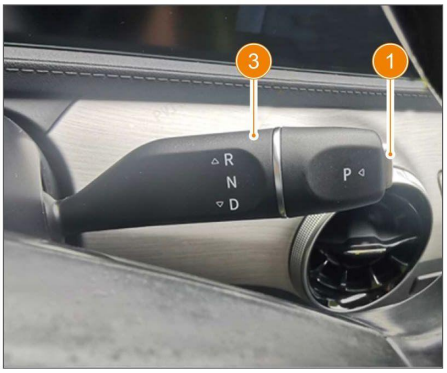
Smart key low battery start

When the smart key battery is too low or there is no battery, you can use the mechanical key inside the smart key to open the door, then put the smart key into the first cup holder of the front cup holder (in the front direction of the vehicle), depress the brake pedal and press the Start switch at the same time.

Gearshift control

Type I

Type II



1. P gear button
2. Driving mode button
3. Gear lever

The instrument cluster will display the gear of the vehicle.

Gears introduction

P gear (Parking Gear)

Use this gear to park or make the vehicle ready for driving. Press the P button on the gear handle to enter the P gear. Be sure to stop the vehicle completely before shifting to P position.

D gear (Driving gear)

The D gear can only be engaged when the vehicle is started. Use this gear when driving forward.

R gear (Reverse)

The R gear can only be engaged when the vehicle is started. Use this gear when reversing. Be sure to stop the vehicle completely before shifting to R gear.

N gear (Neutral Gear)

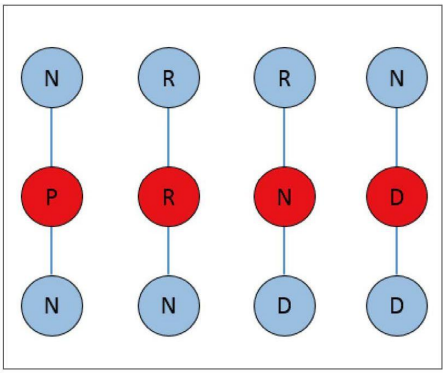
When the vehicle is in this gear, the drive motor cannot output power, and the reducer will not assist in parking.

Driving operation

Shifting method

Before starting the vehicle, you should always step on the brake pedal; otherwise the vehicle will move if the driving gear of the shift lever has been engaged. After the vehicle is started, normal gearshift operations can be performed.

After each gear operation, the gear lever will return to the middle position, and the gears are arranged from front to back in R-N-D order.



Shift to P gear

After the vehicle completely stops, press the P gear button to enter the P gear.

Shift to R gear

After the vehicle is started, depress the brake pedal and push the gearshift lever upward to R gear.

Shift to N gear

P - N: Depress the brake pedal and push the gear lever upward or downward to the N gear.

R - N: Depress the brake pedal and push the gear lever downward to the N gear.

D - N: Depress the brake pedal and push the gear lever upward to the N gear.

Shift to gear D

After the vehicle is started, depress the brake pedal and push down the gearshift lever to D position.

Description of gear shifting conditions

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

2. Deactivating P gear requires pushing the gear lever and pressing the brake at the same time.

3. Entering R gear requires pushing the gear lever and pressing the brake at the same time.

4. Entering D gear requires pushing the gear lever and pressing the brake at the same time.

5. If the vehicle is switched off in non-N gear, it will automatically go into P gear. If the vehicle is switched off in N gear, it will remain in N gear. At this time, the instrument cluster prompts "Please put the vehicle into P gear and park the car".

Driving mode switch

The vehicle features five driving modes, of which Standard, Sport and Eco are selected via the driving mode switch button on the console. Super power saving mode and OPM mode are selected via the display.

When the vehicle is started, the driving mode is "ECO" by default. Press the driving mode button once to switch to the "Normal" mode, and press this button again to switch to the "SPORT" mode.

It can be switched circularly between ECO → Normal → SPORT → ECO.

Driving mode memory switch can be switched on/off by clicking [Settings] - [Vehicle] - [Power settings] in the display. Turning on the drive mode memory switch will keep the driving mode from the last time you drove before switching off the power by default on the next start-up.

1. Normal mode (Normal)

Integrating vehicle dynamics and economy, the mode is applicable to all kinds of road.

2. Sport mode (SPORT)

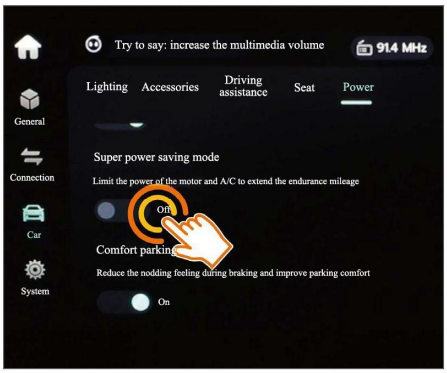
Increase the vehicle power, resulting in a higher level of responsiveness and driving experience. It is suitable for flat roads with few vehicles.

3. Economy mode (ECO)

At this point the vehicle is driven in a more economical and energy efficient status, the power will be reduced, the power of the A/Cr will be limited, and the endurance mileage will be increased.

4. Super power saving (ECO +) mode

The super power saving mode is a driving mode that enhances the vehicle's endurance mileage by limiting the power of the motor and A/C.

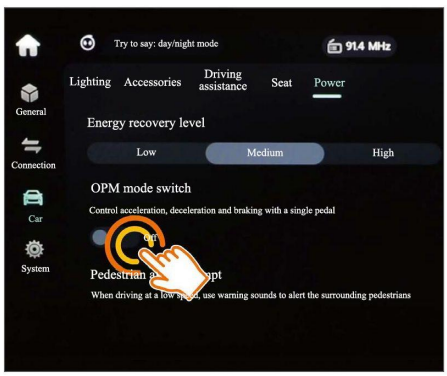


After the vehicle is started, click [Settings] - [Vehicle] - [Power] in the display to open the super power saving (ECO+) mode, in which the vehicle acceleration and deceleration ratio are softer than in the economic mode (ECO) mode, limiting the maximum available power of the traction battery. The system suspends the use of the A/C refrigeration and heating function when the instrument cluster shows SOC ≤ 50%, making the whole vehicle's endurance mileage greater than that of the economic mode (ECO) mode.

To deactivate the super power saving (ECO +) mode, turn off the super power saving mode or press the driving mode switch button to deactivate.

5. OP M mode

The OPM mode is the extreme mode for vehicle driving. In this mode, a large amount of braking energy is recovered, which extends the vehicle's endurance mileage. Using this mode will correspondingly affect the service life of the traction battery.



When the vehicle is in D gear and the driving mode is in SPORT mode, click [Settings] - [Vehicle] - [Power] in the display to open the OPM mode switch. In this mode the accelerator pedal has the function of accelerating and braking, and at this time the brake pedal can be used normally. The accelerator pedal acceleration and braking switching opening value is approximately 30%.

OPM mode is different from normal driving habits. Please practice driving in OPM mode before using this mode on the road, and use this mode on the road only after becoming proficient.

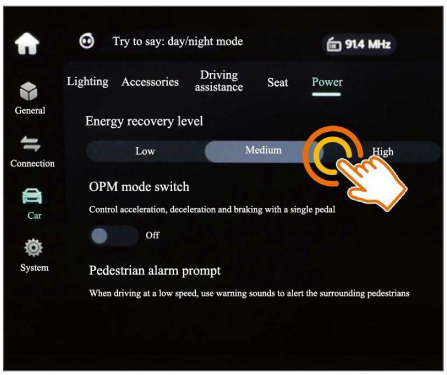
To switch off the OPM mode, deactivate D gear, switch off the OPM mode switch or press the driving mode switch, either operation will deactivate.

Energy recovery

This vehicle has the functions of coasting energy recovery and braking energy recovery, which can make driving more energy-saving and economical.

Coasting energy recovery

The coasting energy recovery can convert the kinetic energy of the vehicle into electric energy and charge it into the traction battery. There is inevitable energy loss in the conversion. The most economical and energy-saving way is that the energy of the vehicle is used for driving.



Glide energy recovery has the effect of braking and deceleration, and you can set the glide energy recovery to one of the three gears - low, medium and high - according to your driving habits. This gear can be memorized automatically. In the gear with weak coasting energy recovery, energy recovery will not be carried out (if

deceleration is required, braking energy recovery can also be carried out when the brake pedal is depressed).

Braking energy recovery

When the brake pedal is depressed, the vehicle will enter the braking energy recovery mode. The braking energy recovery is generally greater than the coasting energy recovery power, which can reduce the vehicle speed in a short time and recover more energy into the traction battery, so that the vehicle can obtain a better energy-saving effect.

Energy recovery may not occur under the following circumstances.

1. The traction battery has a high power and cannot store more power.

2. The vehicle speed is too low. This model has a creep function. After the vehicle is shifted to D/R gear, if the accelerator pedal is not depressed and the brake pedal is released, the vehicle will run at a low speed (the same as the idle speed of a traditional vehicle), and the coasting energy recovery cannot be conducted.

3. The charging capacity of the traction battery is seriously limited due to extremely low ambient temperature or excessively high temperature.

4. At higher speeds, the vehicle's traveling resistance is higher, and to maintain good driving comfort, higher speeds do not have coasting energy recovery (speeds in the middle of the rating are lower than speeds in the high rating without energy recovery).

5. The automatic parking function/adaptive cruise control (ACC) function/cruise control function is being used.

6. Activation of safety assist system (such as ABS, etc.) for vehicle driving.

7. The vehicle has a fault that restricts driving. In case of any fault indication, please contact an authorized service station of Dongfeng Forthing.

8. Depress the accelerator pedal.

9. The vehicle is not in D gear.

Limp mode

When the vehicle has some specific faults, the power of the vehicle will be limited, the power limit alarm (limp mode) indicator light on the instrument cluster will illuminate, and the maximum speed of the vehicle will decrease.

Start-up requirements

1. Do not continue to start the engine after several times of startup failure. Please contact the authorized service station of Dongfeng Forthing as soon as possible.

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

Driving requirements

1. Do not drive in overload condition or make the drive motor overload.

2. Do not turn off the power switch when the vehicle is running.

3. If the power drops when the vehicle is running, please contact the authorized service station of Dongfeng Forthing as soon as possible.

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

5. Confirm that the instrument cluster has no fault alarm signal before driving.

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

Parking

When parking, shift the vehicle to P gear and pull up the EPB switch at the same time.

Noise and vibration

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

The following noise and vibration is

normal:

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

2. Noise and vibration of opening and closing of relay when the high-voltage system is opened and closed.

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

Parking brake (EPB) switch

The driver can use the EPB switch to park the vehicle reliably.

EPB activation and release

Activation: After the vehicle comes to a standstill, pull up the EPB switch to complete manual parking, and the parking status indicator light will illuminate.

Release: Depress the brake pedal and press the EPB switch at the same time, the parking brake will be released, and the parking status indicator light will go out.

Emergency brake function

This function can only be used when the brake pedal fails or is blocked. Pull up the EPB switch continuously to realize vehicle braking with the EPB function in case of emergency. As long as the EPB switch is released, the emergency brake can be deactivated.

Attention

The use of emergency braking function shall be avoided as far as possible. On roads with large bending, poor road conditions or slippery roads, the use of emergency braking function may lead to drifting and sideslip of the vehicle.

Auto hold function (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 and inactivated by press AUTO HOLD switch. 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. The vehicle is started.

2. The driver has fastened the seat belt.

3. All vehicle doors are closed.

Turn on AUTO HOLD function

1. Press the AUTO HOLD switch to turn on the AUTO HOLD function, and the switch indicator light will light up.

2. If the AUTO HOLD function has been activated during driving, the vehicle will be automatically parked after the driver depresses the brake pedal to stop the vehicle, and the AUTO HOLD indicator light on the instrument cluster will turn green. 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. When the AUTO HOLD function is turned on, press the AUTO HOLD switch to turn off the AUTO HOLD function, and the switch indicator light will go out. The AUTO HOLD indicator light on the instrument cluster changes from green to red.

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 deactivate automatically and change to EPB parking mode to ensure parking safety.

Traction Control System (TCS)

Traction control system (TCS) functions to reduce wheel slip in the direction of rotation by properly braking the driving wheels during driving.

Suggestions for driving

Precautions for safety driving

In the event of a serious traffic accident or severe front, side and rear collisions, immediately press the starting switch to power off the vehicle, depress the brake pedal, and disconnect the emergency service switch (if equipped). 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 the Start switch to power off the vehicle, depress the brake pedal, disconnect the emergency service switch (if equipped), and contact an authorized service station of Dongfeng Forthing.

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. Driving under the influence is strictly prohibited.

2. Adjust the position of the interior rearview mirror to reduce glare.

3. Keep a greater distance from the front vehicle.

4. Drive carefully and watch out for 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 tiredly. If you are sleepy, park the vehicle at a safe place on the roadside in time for rest.

8. Keep all glasses clean and tidy, avoid dazzling lights and obstructing sight.

Driving under the influence

Never drive while under the influence. Drunk driving 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.

Attention

- 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!
- Avoid rapid acceleration or emergency braking immediately after driving through water.
- When driving through water, some components of the vehicle such as drive motor and electrical devices may be damaged.

- After driving through water, when traffic conditions permit, the brake must be cleaned and dried as soon as possible through intermittent braking. Do not affect other traffic participants to avoid traffic accidents.
- 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.
- 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.

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 inner and outer sides of all windows are cleaned.

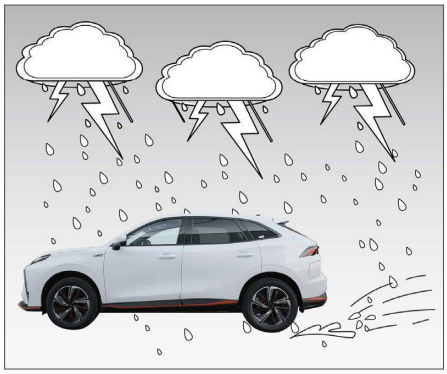
2. Check whether the fluid reaches the specified level.

3. Check whether all 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 make the sight worse and increase the braking distance. Please slow down.

2. The wiper should be checked frequently. If there are stripes or missing 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.

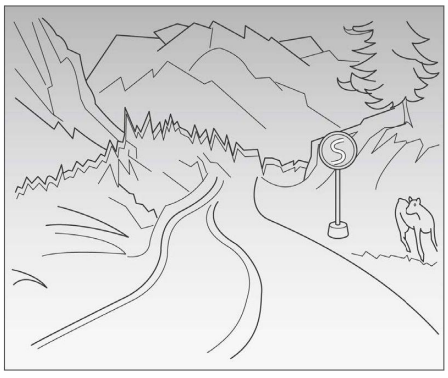
5. Please be sure to slow down when passing through waterlogged roads.

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

7. During driving, please do not turn or brake sharply 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



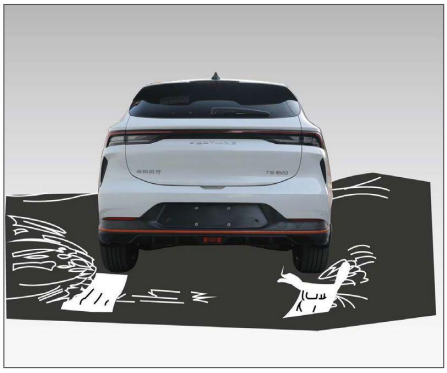
When driving on slopes and mountainous roads:

1. Please keep the vehicle in good condition.

2. Pay special attention when climbing over the top of the slope, because there may be obstacles in your lane.

3. Special warning signs may be seen on mountain roads, so please pay attention to these signals and take appropriate measures when driving.

Driving on icy and snowy road

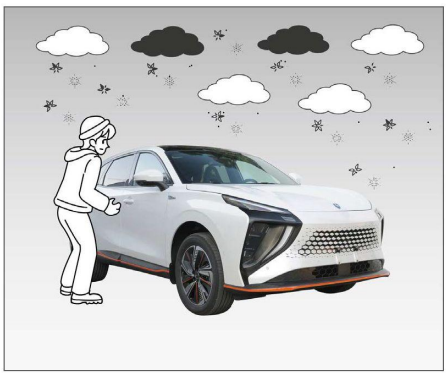


1. When driving in snow, use snow tires as much as possible. Please select snow tires of the same size and model as those originally assembled.

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 ice, 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:

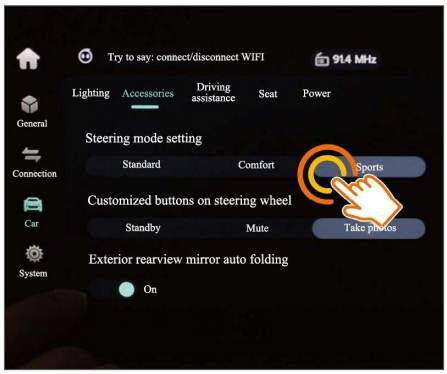
1. Check the coolant specification to confirm that the freezing point is suitable for the expected temperature in winter.

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

3. Carry appropriate emergency equipment according to weather changes.

Electric power steering

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



Click [Settings] - [Vehicle] - [Accessories] - [Steering mode] in turn on the display screen to select the steering mode, including three modes: standard, comfort, and sports.

Standard: The steering power is moderate and suitable for general driving habits. This item is the default state.

Comfort: Increased steering power and light hand feeling during steering.

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

Attention

- 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, try not to do similar operations.
- When the steering wheel is turned quickly, friction sound may be heard, which is not a fault. If the power steering fault indicator 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 5 minutes. 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.

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 a vehicle with a brake assist system, the hydraulic assist brake system will be activated when the brake pedal is depressed quickly during driving. At this time, the brake assist will generate a greater braking force than that during normal braking, thus shortening the braking distance.

Brake priority

The brake 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 (ABS) system

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. During vehicle braking, the steering wheel can still be used to avoid collision.

System self-check

The ABS system has built-in self-check 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-check function will turn off the ABS system and illuminate the ABS system fault warning light on the instrument cluster. 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-check or driving, please contact the 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.

Attention

- The ABS cannot reduce the braking distance.
- During emergency braking, the steering shall be moderate.

Electronic brake force 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 (ESP) system

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

ESP switch

The ESP system is turned on by default. Press the ESP switch to turn off the ESP system, and the ESP OFF indicator light on the instrument cluster will illuminate.

After the ESP system is turned off, when the vehicle speed exceeds 80 km/h, the ESP system will automatically turn on and the ESP OFF indicator light will go out.

After the ESP system is turned off, press the ESP switch again, and the ESP system will be turned on automatically, and the ESP OFF indicator light on the instrument cluster will go out.

Suggestions on reasonable use of brake system

Do not put your foot on the brake pedal when driving, which will overheat the brake, accelerate the wear of the brake disc and brake pad and increase electricity consumption.

When driving down a long slope, try to avoid frequent braking to avoid overheating of the brake and degradation of braking performance.

Be careful when driving on a slippery road. Sudden braking or acceleration will cause wheel slipping.

When the vehicle is washed, waded or driven in rainy days, the brake may become wet and the braking performance may be reduced. In this case, the vehicle shall be driven at a safe speed and attention shall be paid to keeping the distance between vehicles.

When the vehicle is coasting at a high speed, it will enter the energy recovery mode. When the traction battery may be fully charged and cannot enter the energy recovery mode. Therefore, please keep an appropriate safe distance when driving the vehicle, and depress the brake to control the vehicle speed if necessary.

Hill Hold Control (HHC) System

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 at most) 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 vehicle is running uphill with the gearshift lever in D or R position.

2. Depress the brake pedal to brake, and the vehicle will stop completely on the ramp.

The HHC system will not work under the following conditions:

1. When the gearshift lever is shifted to N gear, P gear or the vehicle is on a level road.

2. When the ESP OFF indicator light in the instrument cluster illuminates.

Hill Descent Control (HDC) System

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

Press the HDC switch, and the hill descent control system working indicator light on the instrument cluster will illuminate, indicating that the HDC system is turned on. When the HDC switch is

pressed again or the vehicle speed exceeds 60 km/h, the hill descent control system working indicator light will go out and the HDC system will be turned off.

Hill descent control system 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 accelerator or brake pedal to adjust the speed to be maintained when using the hill descent control function to go downhill within this speed range.

When the HDC system performs active braking, the hill descent control system working indicator light on the instrument cluster flashes, and the vehicle brake light will illuminate. At the same time, the ESP system of the vehicle will make a sound when the motor works, which is normal.

Warning

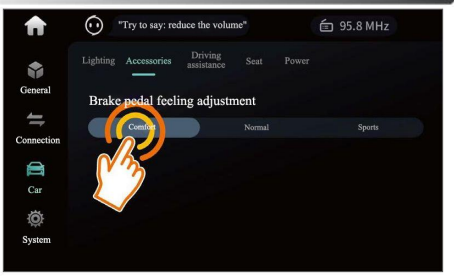
- Before using the hill descent control function, the driver needs to confirm that the system is activated.
- The hill descent control function only controls the vehicle speed through active braking. The driver should pay attention to controlling the vehicle at any time to ensure driving safety.

Brake booster

When the force applied to the brake pedal exceeds a certain degree, the brake booster will be turned on. At this time, even if the brake pedal is gently depressed, a large braking force will be generated, which is normal.

Brake pedal feeling adjustment

The brake pedal feeling mode selection can be used to adjust the foot feeling of the brake pedal, and the driver can select his/her favorite foot feeling style of the brake pedal in the brake pedal feeling adjustment.

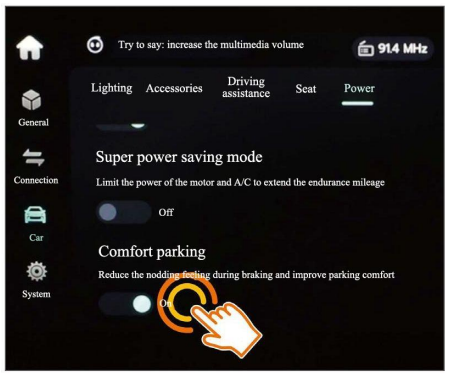


Tap [Settings] - [Vehicle] - [Accessories] - [Brake pedal feeling adjustment] in the display to select three different modes: comfort, normal and sport. After the vehicle is restarted, the brake pedal will remember the last set state.

Comfortable Stopping (CST) System

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.

Turning on and off the CST system



Click [Settings] - [Vehicle] - [Power] - [Comfort parking] in the display to turn on or off. After the vehicle is restarted, the CST system will remember the last setting state.

Wire control brake system

08

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

Attention

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

- When the Start switch is turned to ACC/ON position, there will be a short "buzz" sound, which is the sound of self-check of the wire control brake system and is normal.
- When the vehicle accelerates to about 15 km/h, it will also produce a short "buzz" sound, which is the sound of ABS self-check and is a normal phenomenon.
- The wire control brake system will also produce sound during normal operation, which is mainly reflected in the following aspects:

1. The sound of motor, solenoid valve and pump action in the wire control brake system. Sound caused by brake pedal rebound.
2. After the vehicle power off, in 5 -10 minutes, the wire control brake system will conduct self-check. Self-check process will produce sound, which is a normal phenomenon.

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 camera.
3. Panoramic view system*.
4. Auto parking assist *.

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

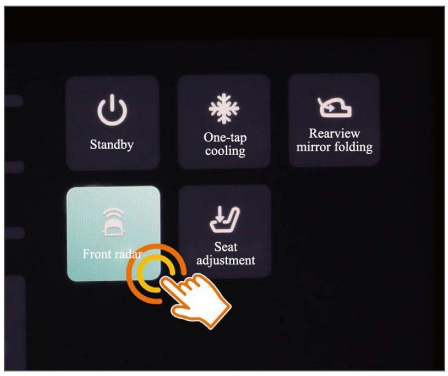
Four radar sensors in front and four in rear.

Type II

There are 6 radar sensors at the front and rear respectively.

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



Scribe at the top of the display screen to bring up the dropdown shortcut menu,

and click [Front radar] to turn on and off the front radar system.

On

When the Start switch is at "ON" gear, the front radar system is in the setting status 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 front radar switch is on.
2. The gear lever is not in P gear.
3. The vehicle speed is less than 15 km/h after starting or the vehicle decelerates from a higher speed to 10 km/h during driving.
4. The EPB switch is released.

Off

The following operations can turn off the front radar system.

1. The Start switch is not in ON gear.
2. The front radar switch is off.
3. The gear lever is in P gear.
4. The vehicle speed exceeds 15 km/h.
5. The EPB switch is pulled up.

Attention

The front radar switch controls the radar sensor on the front bumper. When the switch is turned off, the front radar system does not work. If the vehicle is in automatic parking mode at this time, the front radar system can work. After automatic parking mode deactivates, the front radar system does not work.

Reversing radar

Activation and deactivation

1. The Start switch is at "ON" position.
2. When the gearshift lever is in R gear, the reversing radar will be turned on automatically, and the system will be turned off automatically after deactivating R gear.

Detection range

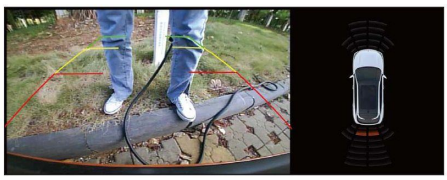
The detection range of the parking assist system radar sensor is shown in the table below:

Sensor Position	Maximum Detection Distance (cm)
Both rear sides	60
Rear middle	150
Both front sides	60
Front middle	120

Alarm type

According to the distance between the radar sensor and the obstacle, the parking assist system sends out intermittent alarm sound or long-time alarm sound on the instrument cluster. The shorter the distance is, the shorter the interval between the alarm sounds will be. When the obstacle is 30 cm away from the vehicle, the long-time alarm will be triggered, accompanied by the red radar band display.

Type I



Type II

Attention

- Front radar only does the radar panel display in the panorama interface without the audible alarm.
- When the panoramic view interface is not entered, the front radar only provides audible alarm and does not display alarm.

Display of fault

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. Please contact an authorized service station of Dongfeng

Forthing in time.

Conditions in which the system may not work

Due to the characteristics, position, angle, size, material or complex background of objects, the system may not work or give false alarms. The following conditions may cause failure to detect or poor detection:

1. Wire mesh, steel ropes and other objects.
2. Driving in grass or on rough roads.
3. Cotton or acoustic material.
4. Foreign matters are attached to the sensor surface.
5. Ultrasonic noise, metal sound and high-voltage gas emission sound at the same frequency.
6. Add or connect other electronic equipment will also affect the function of this system during use.

Warning

- The parking assist system is only used as an auxiliary warning for obstacles in front of and 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 is responsible for driving safety.

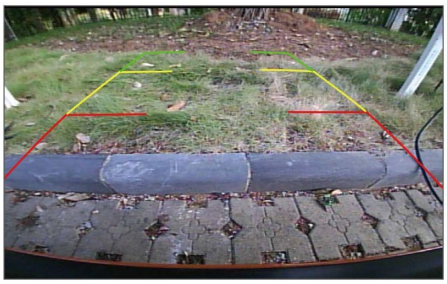
Reversing camera

The reversing camera collects images through the camera installed behind the vehicle, which is convenient for the driver to check the obstacles behind in time when reversing.

Turning on/off the reversing image

1. The Start switch is at "ON" position.
2. When the gear lever is in R gear, the reversing image will be turned on automatically, and the system will be turned off automatically after deactivating R gear.

Reversing auxiliary line



Description of reversing auxiliary line:

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

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

Green: It indicates the distance of about 3 m 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.

Attention

- 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. This product is mainly used for driving assistance,

and the driver is always responsible for keeping a distance from any obstacle.

- 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 spoke line and the radar wave distance and the actual distance. Please pay attention to the safety around the vehicle when parking the vehicle.
- 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.

360° Panoramic image*

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

Turn panoramic image on/off

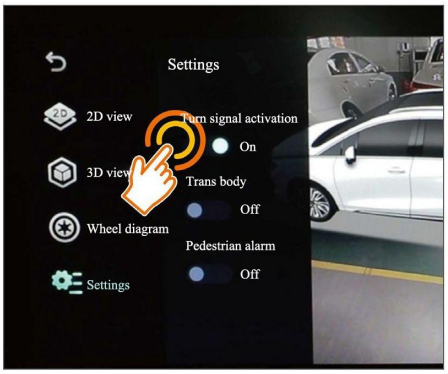
Preconditions for panoramic image turn on:

1. The Start switch is at "ON" position.

2. The vehicle speed is lower than 30 km/h.

Panoramic image ON

1. Press the 360° panoramic view button on the steering wheel to manually turn on the panoramic view, and press it again to turn off the panoramic view.



2. When the [Turn signal activation] function is turned on and the driver turns left and right, the panoramic image will be activated automatically.

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

The panoramic view will be turned off if any of the following conditions is met:

1. Press the "Back" button.

2. The vehicle is not in R gear.

3. Press the automatic parking switch.

4. The turn signal returns to the center.

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

6. Press the 360° panoramic button again.

Attention

After the vehicle overspeeds, it needs to be reduced to 10 km/h before it can be started again.

Panoramic image functional description

2D view

Click the right front, rear, left and right camera icons to switch the corresponding viewing angle (the icon will be automatically retracted if there is no operation within 5 seconds).

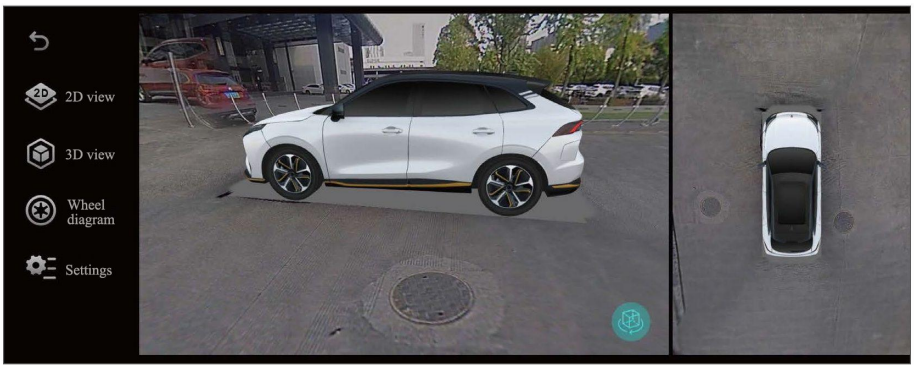
Front and rear wide-angle view

In the panoramic [2D view] interface, touch any position of the front and rear single views to enter the corresponding front and rear wide-angle interfaces.

3D view

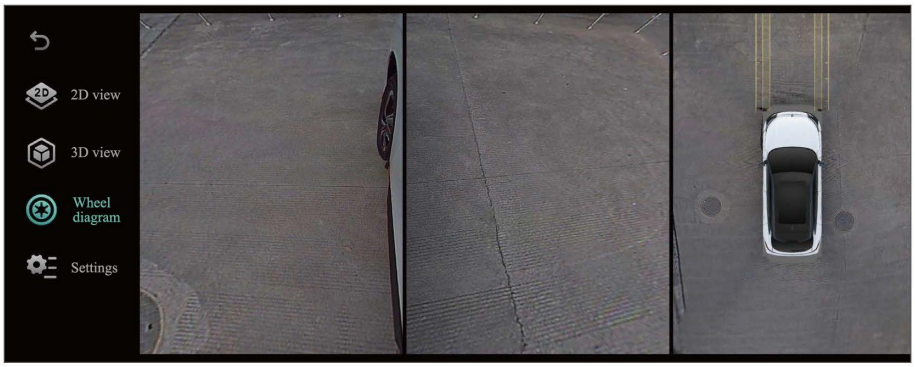
Click [3D view] on the left to enter the 3D view interface. Click and drag any area of the image display to realize 360° rotation with a rotation accuracy of 1°. Zooming and dragging functions are supported.

3D surround



In the [3D view] interface, click the 3D surround icon in the lower right corner of the single view to enter the surround interface, and the surround time lasts for 7 seconds.

Wheel diagram



Tap [Wheel diagram] to switch the corresponding view.

Settings

Click [Settings] to turn on and off the functions such as turn signal lamp entry, transparent body and pedestrian alarm (if configured). Initialization is disabled by default and has memory function.

Dynamic auxiliary line

There are auxiliary lines in the 2D front and rear single view (middle) and 2D 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.

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 - 0.3m, 0.3 - 1m and 1 - 1.5m.

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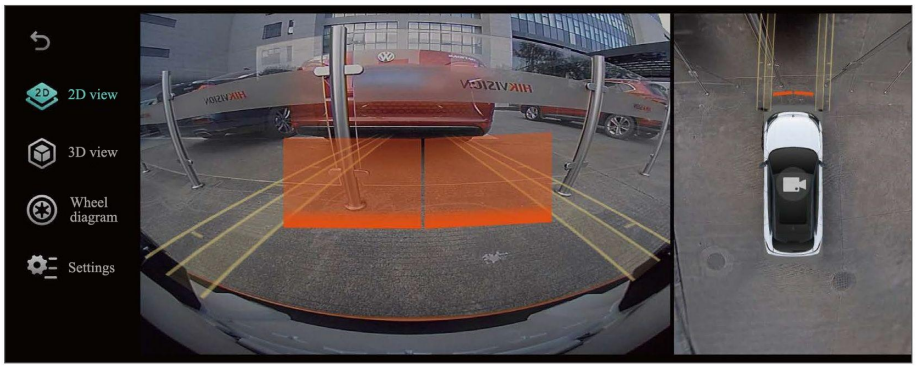
Warning

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

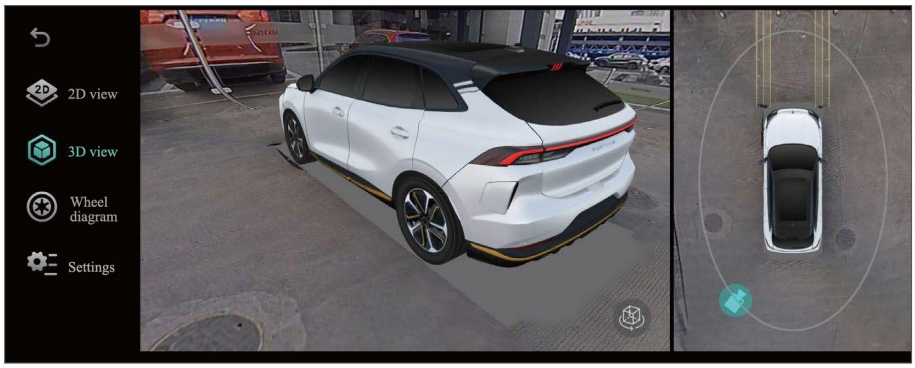


In the panoramic interface, when the working conditions of the radar system are met, the obstacle board will be displayed and an alarm sound will be given.

Attention

After the four radar sensors on the front and rear sides detect obstacles, only the obstacle board is displayed, without alarm sound.

Steering view

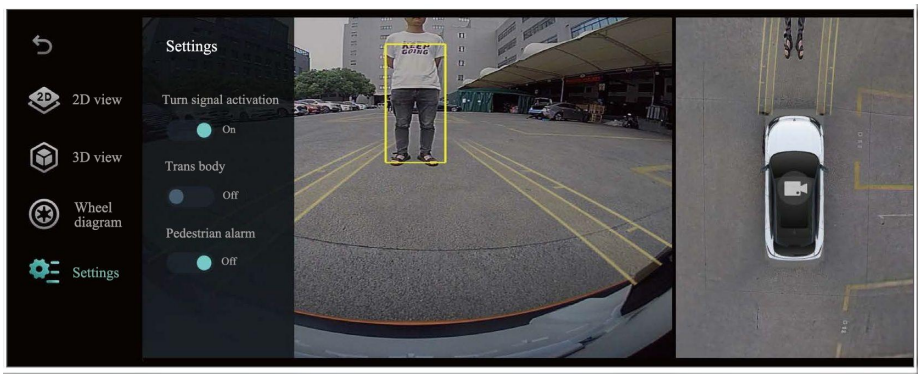


When the turn signal entering switch is turned on (the shift lever is not at R gear), the left/right turn signal will be turned on to enter the corresponding left/right turning angle. After pulling the steering lever straight, deactivate the panoramic view interface with a delay of 1s.

Rear crossing warning *

In the panoramic view or automatic parking interface, the alarm is displayed when the corner radar alarm conditions are met.

Moving object & pedestrian detection warning system (MOD)



The MOD system monitors the vehicle's surroundings in real-time through four surround-view cameras around the vehicle, and provides alarm prompts when moving objects or pedestrians approach.

The system is enabled when the following conditions are met:

1. Non-P gear
2. The vehicle accelerates at a speed of less than 15 km/h.
3. The pedestrian alarm switch in the panoramic image setting interface is turned on.

4. The EPB switch is released.
5. In the panoramic view interface.

Attention

- 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.
- 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.

Full automatic parking system *

The full automatic parking system uses radar sensors and high-definition panoramic cameras around the vehicle to monitor the surrounding conditions and assist in parking.

The full automatic parking system supports vertical parking spaces, horizontal parking spaces, diagonal parking spaces and horizontal parking spaces.

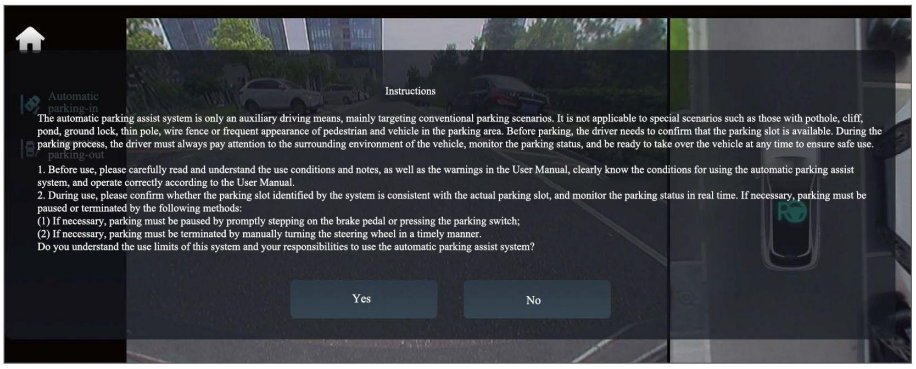
Turning on and off the full automatic parking system

When the vehicle speed is below 30 km/h, press the full automatic parking switch to enable the parking-in function.

Full automatic parking will be disabled when any of the following conditions is met:

1. Press the "Back" button.
2. The vehicle speed is greater than 30 km/h.
3. System interrupted.

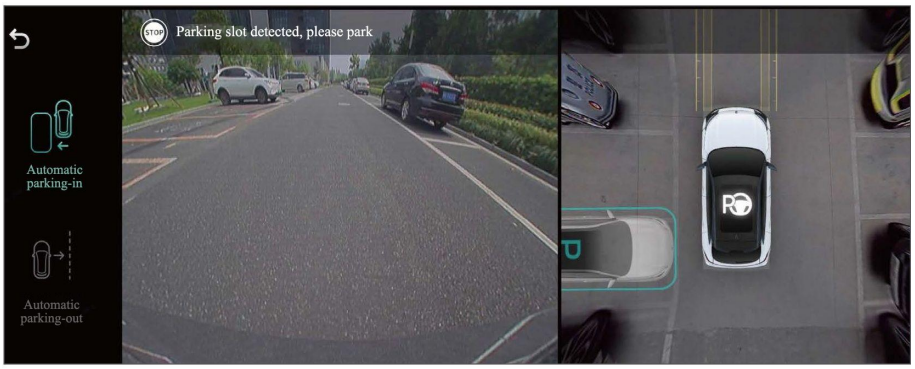
Function entry



Users click on the full automatic parking function button, the display pops up [Instructions], click [Yes] to enter the parking interface, click [No] to deactivate.

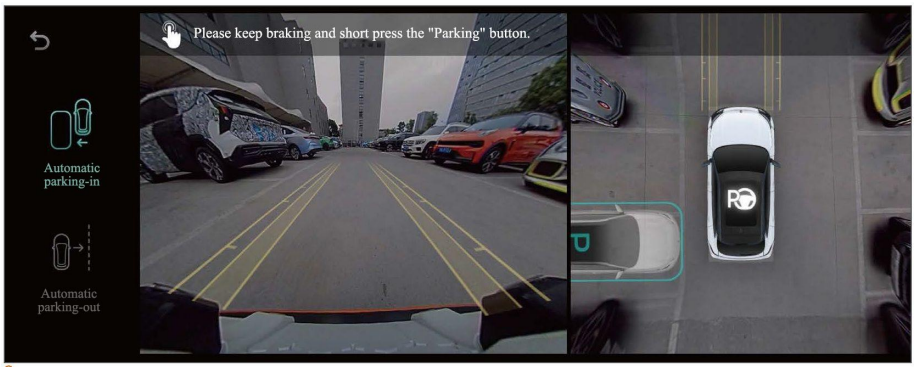
Automatic parking-in

1. Parking slot locating



After confirmation, [Automatic parking-in] will be selected by default to enter the Auto Parking interface, the vehicle will drive forward to look for the parking space and be displayed in the interface of the splicing diagram, and the user can manually click to select the parking space.

2. Parking activation

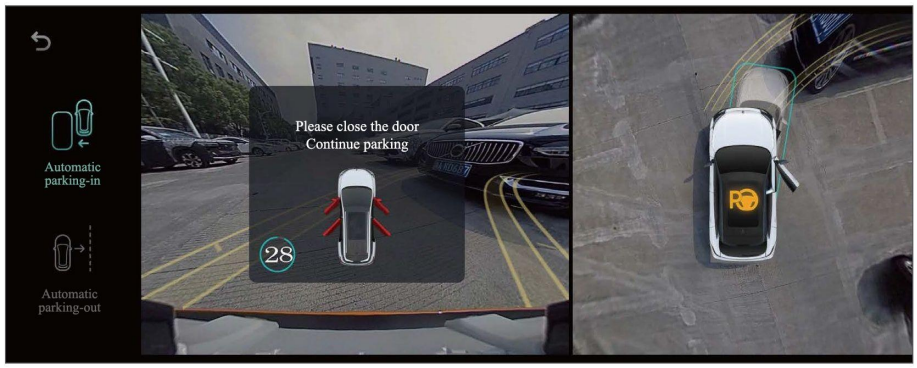


After identifying the parking space the driver parks the car and activates the auto-parking by short press on the parking button according to the prompts, releasing the steering wheel and brake, the vehicle starts to park automatically.

3. Parking process

In the process of parking, the driver should always observe the surroundings of the vehicle to ensure the safety of automatic parking.

4. Parking interrupted



a. The interrupted interface can be restored.

b. The interrupted interface cannot be restored.

During the parking-in process, the real-time monitoring system checks whether the parking-in conditions are met. Follow the prompts to operate or deactivate according to the specific interruptions.

5. Parking completed

Automatic parking-in is completed. After the pop-up message [Parking successful] appears, deactivate the parking interface.

Automatic parking-out

1. Parking-out switched on

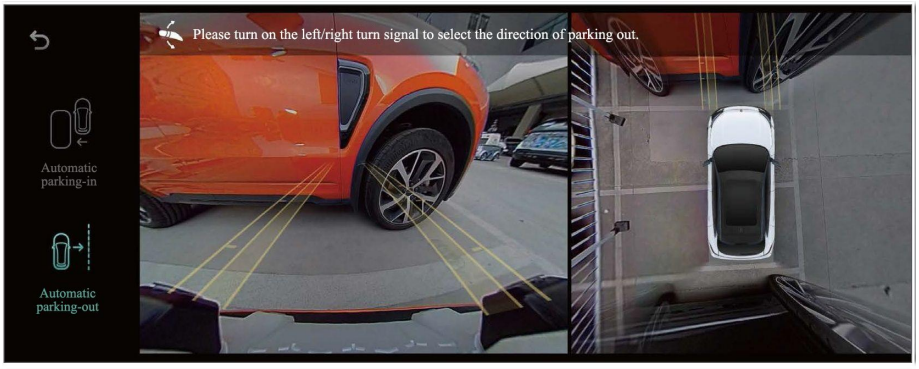
Parking-out can be activated when all the following conditions are met:

a. Still status of the vehicle.

b. The gear is in the P gear.

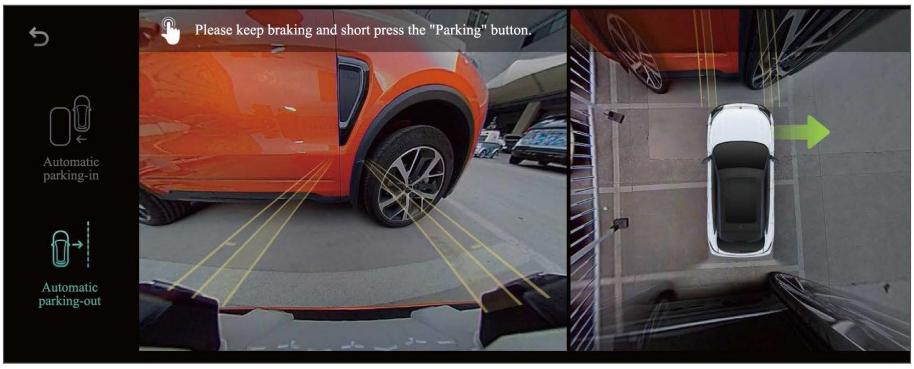
c. The EPB switch is pulled up.

2. Direction selection



Select [Automatic parking-out] to enter the automatic parking-out interface, and activate the left or right turn signal according to the prompt to select the parking-out direction.

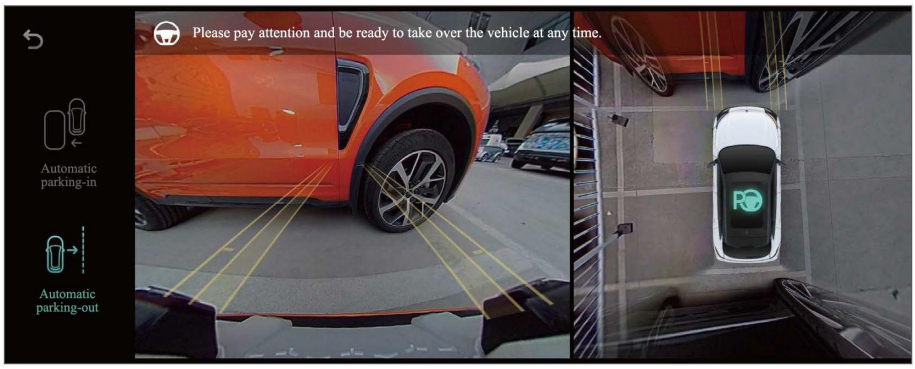
3. Parking Activation



After choosing the parking direction, activates the auto-parking by short press on the parking button according to the prompts, releasing the steering wheel and brake pedal, and the

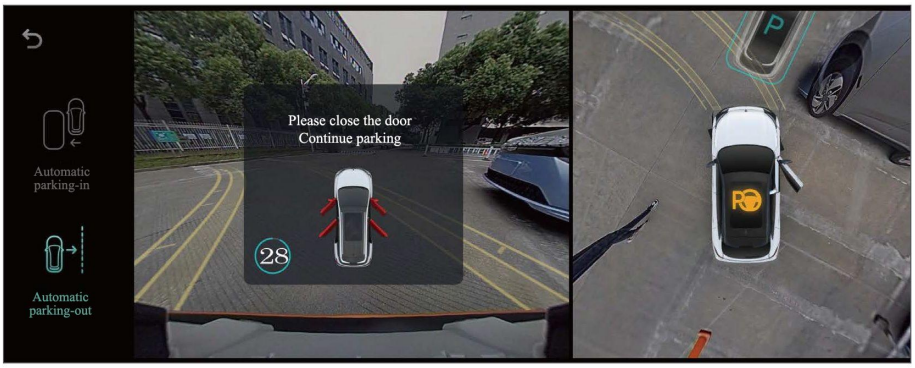
vehicle starts to park-out automatically.

4. Parking process

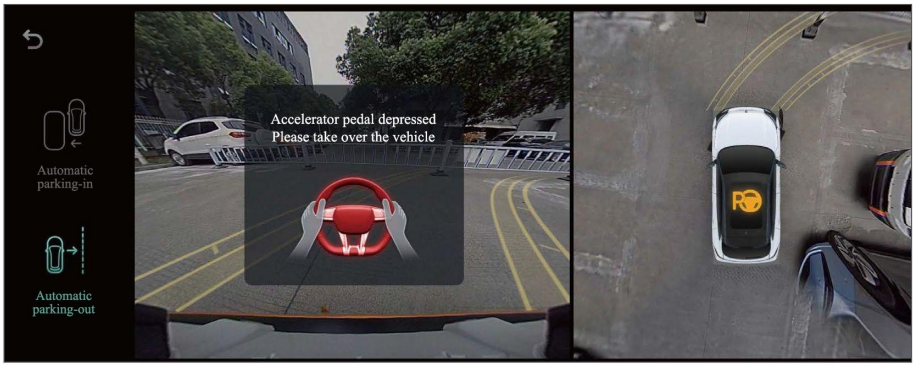


In the process of parking, the driver should always observe the surroundings of the vehicle to ensure the safety of automatic parking.

5. Parking interrupted



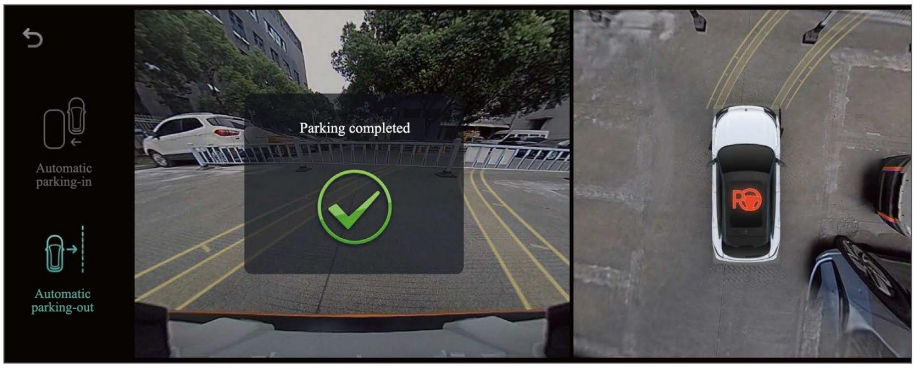
a. The interrupted interface can be restored.



b. The interrupted interface cannot be restored.

During the parking-out process, the real-time monitoring system checks whether the parking-out conditions are met. Follow the prompts to operate or deactivate according to the specific interruptions.

6. Parking completed



Automatic parking-out is completed. After the pop-up message [Parking successful] appears, deactivate the parking interface.

Attention

Parking slot locating

- The system can identify perpendicular parking spaces, parallel parking spaces, and 45° angled parking spaces, including those marked by parking lines and those defined by obstacles (large-sized objects).
- When looking for a parking space, please keep the vehicle as parallel as possible to the driving direction. Maintain a lateral distance between the vehicle and the parking space between 0.5 and 1.8 m.
- When looking for a parking space, if the vehicle speed exceeds 10 km/h, parking spaces with obstacles may not be recognized. It is recommended to use the system at a speed of less than 10 km/h.
- After finding a parking space, shortly press the full automatic parking switch first and then release the brake. Releasing the brake too quickly may cause the system to deactivate.

Attention

Automatic parking

- During the parking process, if the brake pedal is depressed, full automatic parking will pause, and release the brake pedal to continue parking.
- During the parking process, if the system detects an obstacle, a non-driver's door is opened, or the full automatic parking switch is pressed again, the system will pause. You can resume parking by following the prompt information.
- Drivers must constantly observe the vehicle's surrounding environment. When necessary, intervene manually to take over the vehicle, ensuring a safe parking process.
- The parking-out space required should meet the following conditions: The sum of the front and rear spaces of the vehicle should be between 0.9 m and 3 m, and there should be no obstacles within 3 m in the parking-out direction.

System deactivate

The parking function being executed will be deactivated under the following conditions, and you need to take over your vehicle in time:

- Manually take over steering wheel.
- Press the brake pedal and change gears.
- Press the brake pedal and pull up the handbrake.
- The driver's door is opened.
- Unfasten the driver seat belt.
- Open the trunk lid.
- Tap the Back button.
- Parking pause has not been restored for more than 30 s.
- The system shifts gears automatically too frequently.
- The parking takes more than 4 min.
- Parking assist system is abnormal.

Warning

- The full automatic parking system detects the vehicle's surrounding environment and identifies parking spaces through ultrasonic sensors and surround-view cameras. Due to the physical limitations of the sensors, it cannot guarantee the detection of all objects in the parking space and parking path. You are always responsible for actively intervening when necessary to ensure parking safety.
- During the parking process, generally do not operate the steering wheel. In case of emergency, please take over the steering wheel or depress the brake pedal in time. Failure to observe this may result in personal injury.
- During parking, do not operate the accelerator pedal or gear lever. False touching or active operation may cause abnormal deactivation

of parking.

- During parking, if vehicles, pedestrians or objects suddenly appear on the parking track, the vehicle will trigger emergency braking to deactivate parking to prevent collision.
- Although the system has the function of avoiding obstacles and automatically stopping, due to the limitations of sensors, the driver needs to be ready to brake at all times to avoid vehicles, pedestrians, and objects.
- For scenarios that meet the parking conditions but are not suitable for parking, such as road intersections with curbs, lawns with steps, cement grounds with cracks, lane markings, and parking spaces with obstacles at the bottom, the system may misidentify them as parking spaces. Before parking-in, the driver should confirm in advance whether the parking space and surrounding environment recognized by the system are suitable for parking.
- Automatic parking in narrow areas can affect the accuracy of sensor detection of obstacle positions, leading to an increase in the probability of scratch and collision between the vehicle and surrounding objects.
- In case of automatic parking in a narrow space, the number of consecutive parking shall not be more than 10 times. Multiple consecutive parking will lead to a rapid rise in actuator temperature and a decrease in parking control accuracy, resulting in an increased risk of collision between the vehicle and surrounding objects or abnormal system deactivation from parking.
- The system may be affected by the surrounding environment, and after parking is completed, the vehicle attitude may tilt, shift forward in the vertical parking space and shift outward in the longitudinal parking space. You may need to further adjust the vehicle position to ensure correct parking.
- During the parking-in process, the vehicle may encroach on the lane of oncoming vehicles. Do not pose a danger to other vehicles. Therefore, the driver should pay attention to the surrounding environment and intervene manually to take control of the vehicle when necessary.
- After parking is completed, the vehicle's steering wheel may experience a rebound phenomenon, that is, the steering wheel may not return to the centered position. When the steering wheel is turned at a large angle and then released while the vehicle is stationary, since there is no force to maintain the original angle, and the elastic deformation of the tires and the system is released, the steering wheel will rebound. This is a normal phenomenon.
- Limited by current technical conditions, the system cannot identify high-position components such as the rearview mirrors of obstacle vehicles. The size boundaries of parking spaces recognized by the system also do not include the rearview mirrors of two vehicles. When parking in special scenarios such as small parking spaces, there is a risk of scratching the rearview mirrors. The driver should pay attention to the surrounding environment and intervene manually to take over the vehicle when necessary.

The full automatic parking system may not operate as expected under the following circumstances:

- The sensors cannot recognize road surfaces with height differences. Do not use the full automatic parking at locations such as cliff edges, high platforms, ponds, potholes, parking spaces with steps, or sidewalks adjacent to the street.
- The sensors cannot identify impassable road surfaces such as green lawns and ponds. Do not use the full automatic parking when there is an impassable road surface in the direction where the vehicle is searching for a parking space, as the system may plan the parking trajectory onto this road surface.
- Do not use full automatic parking in areas where vehicles or pedestrians frequently appear.
- During the parking process, if an obstacle appears in the parking trajectory, the parking will pause. After the obstacle is removed, the parking trajectory may be disrupted, increasing the risks of parking failure and poor vehicle positioning.
- The recognition ability and range of the sensors are limited. They are unable to identify suspended obstacles or those with small volume, narrow width or low height (such as barbed wire, thin pillars or tow bars, etc.). Therefore, before parking, please check again whether the parking space displayed by the system has sufficient space. When parking, be sure to observe the surrounding environment and be ready to take over the vehicle at any time to avoid collisions.
- If the driver uses the automatic parking system in a parking space close to the curb, there may be a situation where the curb cannot be recognized. This can cause the system to plan a parking trajectory that extends beyond the curb, resulting in running over or scratching the curb. A raised curb may damage the tires and rims. Therefore, the driver should pay attention to the surrounding environment and intervene manually when necessary.
- When there are trucks or suspended obstacles in front or behind the parking space, truck collisions may occur during the parking process. The driver should pay attention to the surrounding environment and intervene manually if necessary.

• If the parking space is insufficient, the system may also release the space, and phenomena such as parking interruption or automatic deactivation may occur during the parking process.

• When the vehicle speed exceeds 10 km/h during the parking space search, the system will not be able to effectively identify obstacles.

• Severe weather conditions (such as heavy rain, fog, snow, extreme heat or cold temperatures) will interfere with the sensor operation and affect the system use, which are not suitable for the full automatic parking system.

• The use of the system is affected in dark or low-visibility environments, and it is not advisable to use the full automatic parking system.

• The uneven road surface is not suitable for the full automatic parking system.

• When there are obstacles such as cotton or materials with surface easily absorbing sound waves around the parking environment, the sensor may not be easy to recognize. Do not use the full automatic parking system.

• Do not use the full automatic parking system when one or more ultrasonic sensors are damaged, the surround-view camera is dirty, damaged, or in an abnormal position.

• Do not use the full automatic parking system when there are electrical equipment or devices around the parking location that interferes with the sensor and affect the use of the system.

• Please keep the outer surface of the sensor and camera clean. If you discover any snow, ice, frost, mud, dust, etc., covering the device surface, please remove such matter in time in order not to affect the full automatic parking system.

• Do not use a high-voltage cleaning machine or steam cleaning machine to clean the sensor and camera to avoid damage. Rinse the surface of the vehicle sensor and camera with a small flow for a short time at a distance of at least 10 cm.

• Do not use the full automatic parking system when the vehicle is equipped with tire chains or emergency spare tires.

• Modifying the vehicle or not repairing it at the authorized service station of Dongfeng Forthing may affect the full automatic parking system, making the vehicle prone to scratches and collisions during the full automatic parking process.

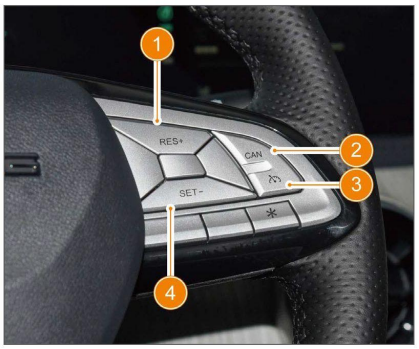
• The full automatic parking system does not support parking space scenarios such as line frame interference parking space, incomplete parking space, curved parking space, slope parking space, three-dimensional parking space, I-line parking space, and horizontal parking space with wheel stoppers. Please do not use the full automatic parking system in these scenarios.

• The parking system is only an auxiliary tool and cannot achieve full automated driving capabilities. Many unforeseen circumstances may cause the automatic parking system to fail to operate the vehicle correctly. When using it, the driver must maintain monitoring of the vehicle and its surroundings and be ready to immediately take over the vehicle control at any time.

Cruise control system

The cruise control system allows the driver to keep the vehicle running at a preset speed higher than 40 km/h without depressing the accelerator pedal. This function can be enabled when driving on an expressway. It is not recommended to enable this function in urban areas, winding roads, slippery roads, heavy rain or other severe weather conditions. It is strictly prohibited to use the cruise control system on icy and snowy roads.

Description of buttons



Introduction to buttons

1. Cruise restore/acceleration button

Restore the set cruise speed and control the vehicle at this speed.

If the cruise control function is turned on:

Press the button: Increase the set cruise speed by 1 km/h.

Long press this button: The set cruise speed increases continuously at a speed of 5 km/h.

2. Cruise pause button

Press the button to pause the cruise

control function.

3. Press the cruise control button to turn on or off cruise control.

4. Vehicle speed setting/deceleration button

Set the current speed to the cruise speed and control the vehicle at this speed.

If the cruise control function is activated:

Press the button: Decrease the set cruise speed by 1 km/h.

Long press this button: Decrease the set cruise speed continuously at a speed of 5 km/h.

Attention

When driving uphill and downhill, the actual cruise speed may deviate from the set speed. When the downhill speed increases, the brake pedal can be used to decelerate, which will pause the cruise control function. To restore the originally set speed, press the cruise recovery/acceleration button.

Cruise control ON and PAUSE

Turn-on conditions

1. Press the cruise control button.

2. The vehicle speed is within the range of 30 ~ 130 km/h.

3. Press the vehicle speed setting/deceleration button.

4. Brake pedal is not depressed.

5. Shift to D gear.

6. The system is not subjected to any failures.

Pause conditions

The cruise control function can be suspended by any of the following methods:

1. Slightly depress the brake pedal.

2. Shift to P, N or R gear.

3. Press the cruise pause button.

4. Press the cruise control button again.

5. The system is subjected to some failures.

The 1st, 2nd and 3rd modes are only to pause the cruise mode. When the conditions are met, the cruise can be restored by pressing the cruise restore/acceleration button. In the 4th and 5th modes, the cruise control is completely turned off.

Restore cruise control function

When the cruise control function is paused, if you need to restore the cruise control function, you can accelerate to more than 40 km/h first, and then press the cruise response/acceleration button to enter the cruise state again, and the vehicle will return to the original cruise speed.

When the cruise control button is pressed to cancel the cruise control function, the system will completely turn off the cruise control and cancel the cruise speed set before turning off.

Change the set vehicle speed

The cruise control speed can be changed by any of the following methods:

1. Press the cruise restore/acceleration button or the vehicle speed setting/deceleration button to increase/decrease the vehicle speed.

2. Depress the accelerator pedal, release the pedal when the vehicle speed increases to the desired state, and press the vehicle speed setting/deceleration button.

3. Depress the brake pedal, release the pedal when the vehicle speed decreases to the desired state, and press the vehicle speed setting/deceleration button.

Attention

Even if the cruise control function is activated, the accelerator pedal can still be used to accelerate and overtake. After overtaking, release the pedal. If the cruise conditions are still met, the vehicle will return to the originally set cruise speed.

Driver assistance*

Brief Introduction

The driving assistance system can

assist the driver to observe and perceive the surrounding environment during driving, provide collision warning, active safety and cruise assistance for the driver, and ensure driving safety.

The main functions of the driver assistance system include:

1. Forward collision-avoidance assist.
2. Lane departure assist (LDA).
3. Cruise assist.
4. High and low beam control
5. Traffic sign recognition.

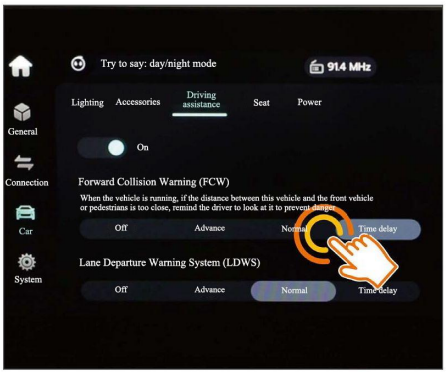
Forward collision-avoidance assist *

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.

Forward collision warning (FCW) system

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 on



Click [Settings] - [Vehicle] - [Driving assistance] - [FCW] on the display screen to select the FCW system.

When the set switch is OFF, the yellow FCW OFF indicator light stays on.

On the premise that the forward collision warning switch is turned on, the function is turned on when the vehicle speed is within the range of 8 ~ 200 km/h, so as to monitor the vehicle condition in front of the vehicle in real time.

Function triggering

Level I alarm

The level I alarm will be triggered when the vehicle may be in danger of collision. The warning light of the FCW system on the instrument cluster flashes in red, and the front part of the driving interface is marked in red. The text prompts [Danger ahead, attention please], accompanied by medium-frequency alarm sound.

Level II alarm

The level II alarm will be triggered when the vehicle is about to be in collision danger. The warning light of the FCW system on the instrument cluster flashes in red, and the front part of the driving interface is marked in red. The text prompts [Danger ahead, attention please], accompanied by high-frequency alarm sound.

System interruption

The FCW system will not be triggered if it meets any suppression conditions:

1. The driver implements active steering, and the steering wheel rotates too fast or the steering angle is too large.
2. The driver takes over the vehicle control and depresses the accelerator pedal too hard.

3. The driver depresses the brake pedal.

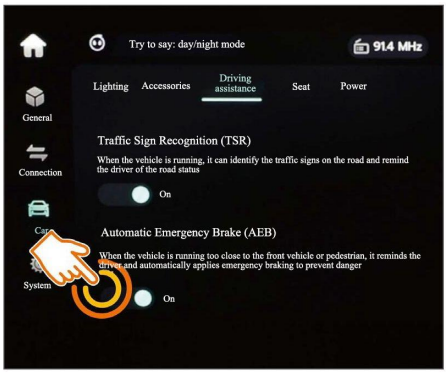
The FCW system may be automatically released in case of the following conditions:

1. The sensor is blocked.
2. Severe weather.
3. The system is subjected to some failures.

Automatic emergency braking (AEB) system

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 on



Tap [Settings] - [Vehicle] - [Driving assistance] - [AEB] switch on the display screen to turn it on or off.

After the automatic emergency braking switch is turned on, the function will be activated when the vehicle speed ranges from 8 ～ 85 km/h. The real-time monitoring of the condition in front of the vehicle will trigger the automatic emergency braking when a collision is about to occur.

Function triggering

When the automatic emergency brake is triggered, the FCW system warning light on the instrument cluster flashes red, and the front of the driving interface is marked red. The text prompts [Danger ahead, please attention], accompanied by high-frequency alarm sound.

AEB system is turned on by default every time the vehicle is started, and it is not recommended that the user turn off AEB system.

When the AEB system is OFF, the yellow FCW OFF indicator light stays on.

System interruption

The AEB system will not be triggered if it meets any suppression conditions:

1. The driver implements active steering, and the steering wheel rotates too fast or the steering angle is too large.
2. The driver takes over the vehicle control and depresses the accelerator pedal too hard.

The AEB system may be automatically deactivated in the following cases:

1. The sensor is blocked.
2. Severe weather.
3. The electronic stability control system is abnormal or shut down.
4. System is faulty.

The AEB system will be interrupted in

the following cases:

1. The driver implements active steering, and the steering wheel rotates too fast or the steering angle is too large.

2. The driver takes over the vehicle control and depresses the accelerator pedal hard.

3. Speed decrease above threshold 40 km/h

Attention

- The AEB system is an active safety assistance system, but it cannot completely avoid collisions with vehicles or pedestrians ahead. The driver must maintain control of the vehicle and be responsible for it.
- In case of an emergency, the driver should brake as soon as possible.
- The AEB system can only identify regular vehicles that have obtained license plates and are legally 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.
- The AEB system can identify unobstructed pedestrians with a stature of 0.8 ～ 2.3 m, but it cannot detect them in all cases. For example, pedestrians who are partially blocked, cannot recognize their body shape with the clothes worn, are too low, carry large objects, have poor contrast, etc.
- The AEB system cannot identify vehicles coming in the reverse direction and vehicles passing laterally ahead, so it cannot trigger alarm prompt and automatic emergency braking.
- The response capability of the AEB system 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 AEB system is usually in the background working state and will not be detected by the driver, so even if the relevant target vehicle or pedestrian is detected, it will not be displayed.
- To give full play to the best detection performance of the AEB system, the camera shall receive clear and unmistakable information about body shape as much as possible. This means that the head, torso, arms and legs can be identified based on standard human movement.
- The detection function of the AEB system requires sufficient contrast between pedestrians and the ambient 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 and automatic braking will also be delayed or cannot be activated.
- When the sensor is blocked by ice, snow or dust on a curved road or hillside road, the system may not detect the vehicle ahead. Please clean the front windshield.
- In case of poor visibility, such as heavy fog, rain or snow, the performance of the AEB system will be limited.
- Under complex traffic conditions, the AEB system may not detect vehicles in time, resulting in delay of alarm prompt and automatic braking.
- On a slippery road, the braking effect may decrease and the braking distance may increase.

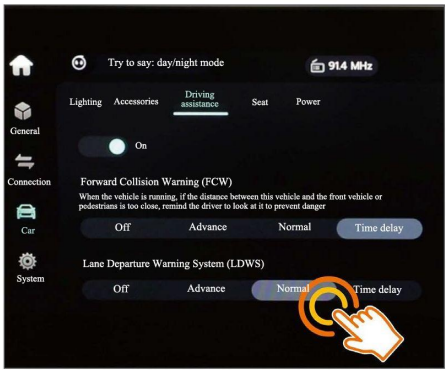
Lane departure assist*

Lane departure assist includes lane departure prevention and lane departure warning (LDW) system. During driving, when the vehicle unconsciously departs from the lane, it provides steering correction and alarm prompt for the driver.

Lane departure warning (LDW) system

The LDW system includes lane departure correction and lane departure warning. When the vehicle unconsciously deviates from the lane during driving, it provides steering correction and alarm prompt for the driver.

Function on



Click [Settings] - [Vehicle] - [Driving Assistance] - [Lane Departure Warning System (LDWS)] on the display screen to select LDW system functions.

When the LDW system is turned on but not activated, the white Lane Departure Warning (LDW) ON indicator light is always on.

Function activation

When the LDW system detects the lane line and the vehicle speed is greater than or equal to 70 km/h, it will automatically enter the function activation state.

After the LDW system is activated, the lane line of the vehicle will be continuously detected and displayed on the driving interface of the instrument cluster. If no lane line is detected, it will not be displayed. After the LDW system is activated, the green lane departure warning system indicator light will be normally on.

Function triggering

When the vehicle may deviate from the lane, slightly turn the steering wheel to correct the vehicle to return to its own lane. The driving interface of the instrument cluster deviates from the lane line and turns yellow.

When the vehicle is about to deviate from the lane, the vehicle will give an alarm prompt, and the lane line on the deviation side of the instrument cluster driving interface will turn red and flash, accompanied by intermediate frequency alarm sound.

System interruption

The LDW system will not be triggered if it meets the following inhibition conditions:

Turn on the turn signal (or hazard warning light).

The LDW system will delay the triggering in the following scenarios:

1. When the LDW system enters the curve cut-in mode on a curve (125 m < lane curvature < 250 m), the warning will be given in a delayed manner.

2. When the LDW system enters the narrow lane adaptation mode under the narrow lane (2.5m < lane width < 3.0m), the warning will be given in a delayed manner.

The lane departure assist system will be deactivated if any of the following conditions is met:

1. The vehicle speed remains under 70 km/h.

2. The lane lines on both sides disappear.

Attention

- The lane line detection status cannot be used to judge whether the vehicle is in the lane, and the driver needs to control the driving direction of the vehicle by himself.
- The LDW system is only an auxiliary warning system. The driver should pay attention to the surrounding driving environment at any time and decide whether to change lanes.

The LDW system may be limited under the following conditions:

1. When driving towards strong light;

2. When the lane line is blocked by other obstacles;

3. When driving on a road covered with rain and snow;

4. When the lane line is blurred or the light is weak at night;

5. When in heavy fog, rain, snow and other weather with low visibility;

6. When the lane line width is too narrow or the curve curvature is too large;

7. When the sight of the front-view camera is blocked due to too close distance from the front vehicle;

8. When the front-view camera is blocked by ice, snow or dust stains on the front windshield;

9. When driving under complex road lines such as lane line bifurcation, intersection, sidewalk or construction area;

10. When the road surface is shaded by railings, trees or other objects, misidentification may occur.

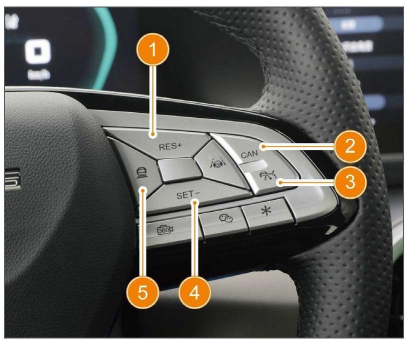
Cruise assist*

Cruise assistance includes adaptive cruise control (ACC) system, lane keeping assist and traffic jam assist (TJA) systems. 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) system

With the driver's use of the ACC system, the vehicle can run at any speed in the range of 0 ～ 130 km/h, or follow a vehicle ahead within the following distance range allowed by the system. Depending on whether there is a vehicle ahead, the system can also automatically switch between speed control and following distance control.

Description of buttons



1. Adaptive cruise speed resume/acceleration button

Restore the originally set speed and control the vehicle at this speed.

If the cruise control function is turned on:

Press the button: Increase the set cruise speed by 1 km/h.

Long press this button: The set cruise speed increases continuously at a speed of 5 km/h.

2. Adaptive cruise control pause button

Press the button to pause the cruise control function.

3. Adaptive cruise control button

Press the button to turn on or off ACC system.

4. Adaptive cruise speed settings/deceleration button

Set the current speed to the cruise speed and control the vehicle at this speed.

If the cruise control function is turned on:

Press the button: Decrease the set cruise speed by 1 km/h.

Long press the button: Decrease the set cruise speed continuously at a speed of 5 km/h.

5. Following distance adjustment button

Set the following distance from the vehicle ahead. Four modes can be set: short, medium, long and ultra-long.

Function on

Short press the adaptive cruise control button to activate the function.

The adaptive cruise control indicator

light on the instrument cluster illuminates in white and displays the cruise speed.

Function activation

When the vehicle speed is greater than 30 km/h, short press the "Set/Speed-" button to activate the function. The cruise speed will be displayed as the speed at the time of activation.

The adaptive cruise control indicator light on the instrument cluster illuminates in green and displays the cruise speed.

When the vehicle activation conditions are not met currently, the instrument cluster will prompt [Failure to activate the ACC function].

Function fault

When the indicator light of the adaptive cruise control on the instrument cluster flashes in green and sends a takeover request at the same time, it indicates that the ACC system has exited due to external fault, but it will still complete the current action.

Cruise control

When the front vehicle is not identified, the vehicle will run at the speed set by the driver, which can be adjusted through the cruise speed adjustment button.

1. The cruising speed range can be set as 30 ~ 130 km/h.

2. The cruise speed can be adjusted by the "Restore/Speed+" button and the "Set/Speed-" button. A short press will increase/decrease the speed by 1 km/h, while a long press will increase/decrease the speed by 5 km/h. When the driver adjusts the vehicle speed, the displayed cruise speed number changes accordingly.

3. After the driver actively adjusts the cruise speed, the vehicle will accelerate and decelerate comfortably according to the current speed state until it reaches the cruising speed.

Fixed-range cruise control

When the front vehicle is identified, the distance set by the driver can be adjusted through the distance adjustment button.

1. When the vehicle identifies the target ahead and follows it at a fixed distance, the target ahead will be highlighted in blue.

2. When ACC is activated for the first time, the distance will be at the farthest level by default, and the distance between subsequent vehicles will be memorized as the last one.

3. There are 4 gears of cruise distance in total. Adjust the cruise distance by pressing the distance adjustment button. Short press the +/- gear to select repeatedly.

4. After the driver adjusts the distance, the vehicle will accelerate and decelerate comfortably according to the adjusted distance until it reaches the cruising distance.

5. After the vehicle-following stops,

the front vehicle starts to follow within 3 seconds. After 3 seconds, the instrument cluster display the text prompt [Please gently press the accelerator pedal or RES+ button], and it will be reactivated after operation.

System interruption

The adaptive cruise control will exit if any of the following conditions are met:

1. Adaptive cruise control button is turned off.
2. Adaptive cruise control pause button is turned off.
3. Depress the brake pedal.
4. Any door is opened.
5. The driver's seat belt is not fastened.
6. The vehicle speed is out of the effective range.
7. The accelerator pedal is depressed for a long time.
8. Turn the steering wheel sharply.

Under certain driving conditions, the deceleration capacity of the ACC system is not enough to keep a sufficient distance from the vehicle ahead, and the ACC system will require the driver to take over the vehicle in time.

The ACC system will give visual and audible instructions to the driver, and the instrument cluster will display the text prompt [Please take over the vehicle] with buzzing. In this case, the driver needs to intervene by driving himself/herself.

When external fault causes the exit of the ACC system, the indicator light of the adaptive cruise control on the instrument cluster flashes in green and sends a request [Please take over the vehicle] at the same time, but it will still complete the current action.

Attention

• The ACC system is strictly meant to enhance comfort, rather than a safety system, nor an obstacle detector or collision warning system. Therefore, during the activation of the ACC system, the driver shall always pay attention to the road conditions, maintain monitoring and take full responsibility for the vehicle.

• The ACC system is suitable for expressways and roads in good condition, but not for urban or mountainous roads.

• For the sake of safety, please use ACC system carefully, pay close attention to the surrounding environment and be ready to take over the vehicle at any time when driving in urban areas, under traffic congestion or on winding roads.

• Do not use the ACC system on hill roads, slippery roads (prone to hydroplaning), poor road conditions (such as slippery roads, waterlogged roads, gravel roads and roads under construction), severe weather with low visibility (such as foggy, rainy or snowy days), or when the sensors are blocked by snow, ice, fog, dirt or dust; otherwise, there may be a risk of accident!

• The ACC system can only adjust the distance from the vehicle running ahead. Generally, it cannot detect vehicles on other lanes or on other sides of the vehicle (except the rear), children, pedestrians, animals or other objects and brake the vehicle.

• If there is an oncoming vehicle in the same lane, ACC system will not respond.

• The ACC system shall be temporarily turned off when the vehicle is running on a curved lane, an expressway exit or a road section under construction.

• 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.

• The driver should set the adaptive cruise control speed and following distance reasonably according to the current road, traffic and weather conditions. The set speed shall not be too high to avoid accidents.

• In some cases (such as excessive relative speed, sudden deceleration, parking, quick lane change or short safety distance of the vehicle ahead), the ACC system may not have enough time to decelerate. To avoid collision with the vehicle ahead, the driver should always observe the road conditions, keep monitoring the vehicle and take full responsibility for it.

• ACC system cannot detect the objects or accessories protruding from the side, rear end or roof of the followed target vehicle. If the vehicle ahead is equipped with the above-mentioned special loads or equipment, turn off ACC system when overtaking such a vehicle, and the driver should actively depress the brake pedal depending on the situation.

• Do not turn on the ACC system when towing a trailer.

• When the vehicle is stopped by ACC system, be sure to prepare for depressing the brake pedal.

• When the vehicle is stopped by the ACC system, be sure to shift the gearshift lever in P position and turn off the Start/Stop switch before leaving the vehicle.

• For the sake of safety, the set vehicle speed will be deleted after the vehicle is shut down.

• If the instrument cluster prompts [Automatic deactivation of ACC] and the ACC system cannot be turned on again, it indicates that the vehicle has an abnormal situation during this operation and needs to be restarted.

• When TCS system or ESP system is triggered, if ACC system is controlling the vehicle, ACC system will be automatically turned off.

• If the TCS system or the ESP system is turned off, the ACC system cannot be turned on.

• When road conditions permit safe use of the ACC system, it can be turned on manually.

• The driver can depress the accelerator pedal at any time to increase the vehicle speed. After the accelerator pedal is released, the vehicle speed will gradually return to the original set adaptive cruise speed. However, the driver shall note that depressing the accelerator pedal unintentionally for a long time will cause ACC system to fail to turn on automatically, which may result in collision with the vehicle ahead.

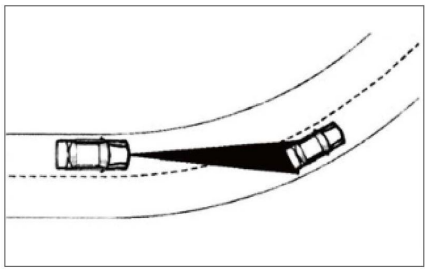
• The following diagram is only displayed when a vehicle running in the same lane and direction is detected.

• If the following diagram is not shown, ACC system will not respond to the vehicle ahead or apply brake.

• ACC system is restricted by physical laws and the system itself during driving. Besides, under certain conditions, the response of ACC system may differ from the driver's thoughts. Therefore, the driver should always pay attention and intervene if necessary.

Special scenarios

Vehicle entering/leaving a curve

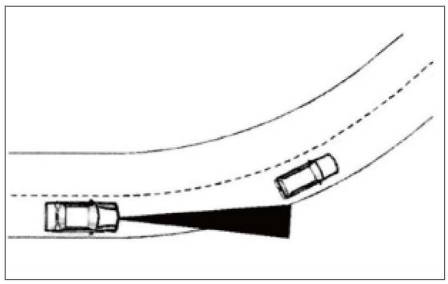


When the vehicle is entering/leaving a curve, the ACC system may respond to vehicles on the adjacent lane and apply brake. This braking process can be ended in advance by depressing the accelerator pedal.

Warning

When using the ACC system on a curve, the driver shall pay close attention to the surrounding environment and vehicle conditions, select appropriate cruise speed and cruise following distance, and be ready to take over the vehicle at any time.

Vehicle in curve

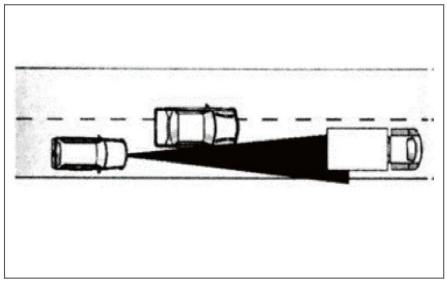


When the vehicle is in a curve, the ACC system may not be able to detect vehicles ahead on the same lane, which may result in the driver losing control of the vehicle or an accident occurring. Please pay close attention and be ready to take over at any time.

Attention

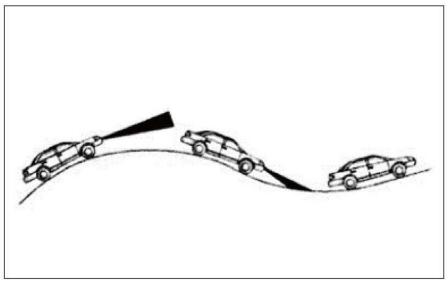
- In situations with excessively sharp curves, the ACC system may reduce the vehicle speed or operate in a manner different from that on straight road.
- In a curve, the ACC system may not be able to detect the vehicle ahead and accelerate to the set speed. When this occurs, the symbol of the vehicle ahead will not be displayed on the instrument cluster.

Vehicle traveling not in the same straight line



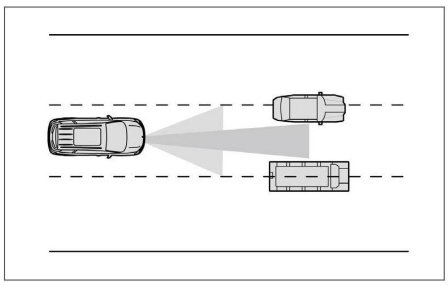
For the vehicle not running in the same straight line (a vehicle entering from the adjacent lanes), if it does not enter the detection range of the camera sensor, the sensor may not be able to detect the vehicle, resulting in response lag of the ACC system. The driver needs to pay close attention to vehicles in adjacent lanes and intervene actively if necessary.

Vehicles running on slopes



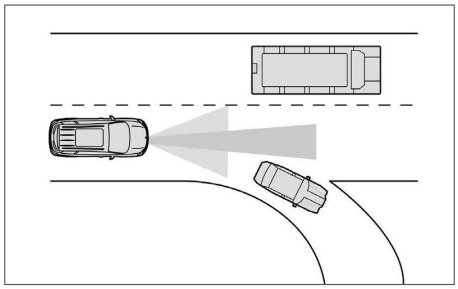
Do not use ACC system when the vehicle is running on steep slopes. On a steep slopes, the ACC system cannot detect vehicles on the same lane and will automatically deactivate when the driver applies brakes frequently.

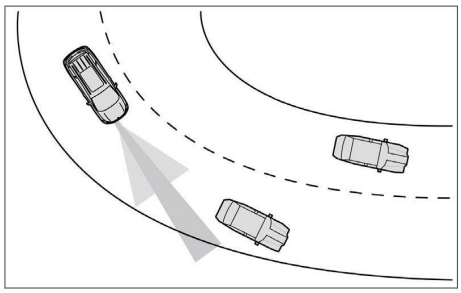
Vehicle traveling in narrow lane



The ACC system cannot accurately determine the width of the lane ahead. When you feel the vehicle cannot pass normally, please immediately disengage the ACC system by depressing the brake pedal and take over the vehicle.

Vehicle traveling on the expressway ramp

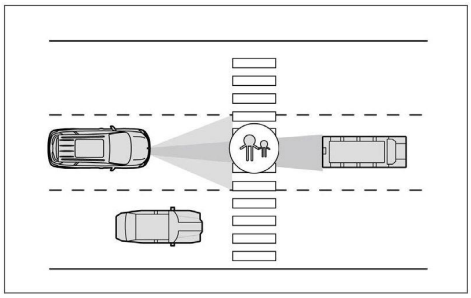




When the followed target vehicle leaves the expressway or turns, the ACC will lose the target and may accelerate automatically. For a vehicle running on an expressway ramp, the system may lose the target due to an excessively large curve and will automatically accelerate.

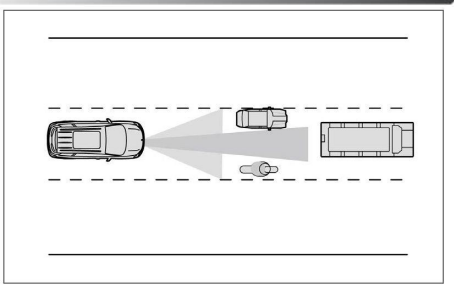
In terms of the above situations, if feeling uncomfortable, the ACC system can be disengaged by pressing the brake pedal at any time, and the vehicle can be taken over.

Pedestrian ahead of subject vehicle



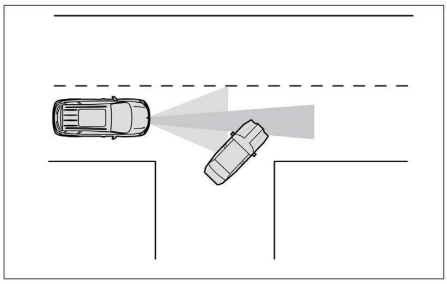
The ACC system cannot detect pedestrians. Once the driver finds that there is a pedestrian passing through in front of the vehicle, he/she must take over the vehicle.

Vehicle difficult to identify (motorcycle, bicycle, etc.)



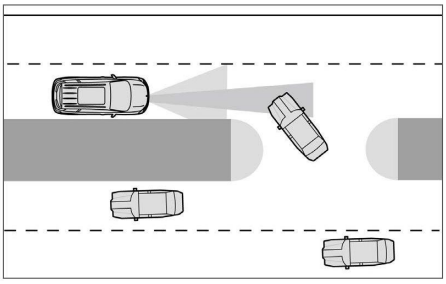
The ACC system cannot guarantee the detection of all types of vehicles on the driving path, especially narrow vehicles such as electric vehicles, bicycles and motorcycles, or vehicles with high chassis and loads exceeding the body. The driver shall pay close attention to the surrounding environment of the vehicle when driving.

Vehicle cutting in laterally



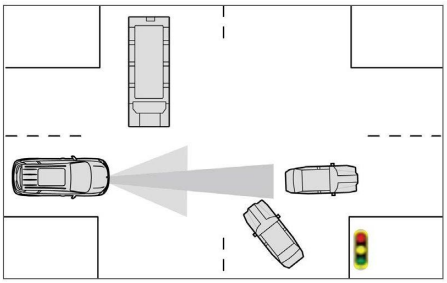
When another vehicle is suddenly cutting in laterally in front of the vehicle, ACC system may not be able to control the vehicle quickly or apply emergency braking. In this case, the driver shall pay attention to the traffic conditions ahead.

When the target vehicle makes a U-turn or right-angle turn



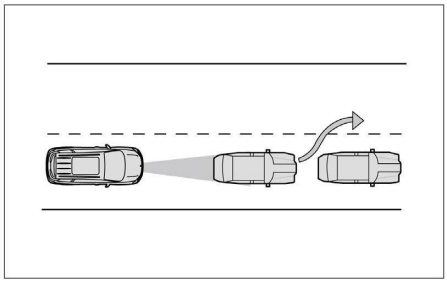
When the target vehicle followed by the subject vehicle makes a U-turn or right-angle turn, the sensor will lose the target and the system may accelerate automatically. The driver shall continuously pay attention to the surrounding environment and be ready to take over at any time.

Traffic light change at intersections



When the target vehicle followed by the subject vehicle passes through an intersection, the driver shall pay attention to the change of traffic lights and take over the vehicle when necessary to avoid violating traffic rules.

Stationary vehicles



If the vehicle ahead, which is behind a stopped vehicle, suddenly changes to another lane, the system may not have enough time to brake and the driver shall take control of the vehicle if necessary.

Lane keeping assist system (LKA)

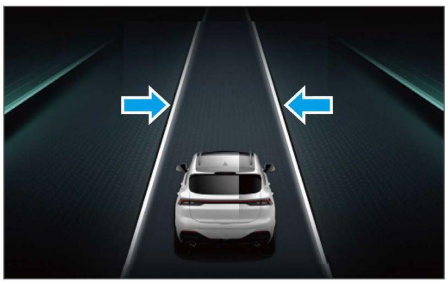
The LKA system can keep the vehicle running in a straight line along the lane within the speed range of 70 ～ 130 km/h. The system will automatically assist the driver in turning the steering wheel to pass through a curve where the curvature of lane line is smaller.

LKA system also has some technical limitations, so the driver must intervene in steering under certain conditions. When necessary, the system will prompt the driver to control the steering wheel through audible and visual alarms.

Description of buttons

Press the lane keeping button to turn on or off the system.

Function on



Short press the "Lane keeping" button to activate the function, and the working indicator light of the LKA system on the instrument cluster illuminates in white. If the system detects lane lines and the activation speed is met, the lane lines on both sides will turn white.

Function activation

When the vehicle speed is greater than 70 km/h and lane lines are identified, the function is activated. The working indicator light of the LKA system on the instrument cluster illuminates in green. If the lane lines on both sides are detected and the LKA function is activated, the lane lines on both sides turn blue.

System interruption

If it is detected that the driver does not hold the steering wheel for a period of time, the instrument cluster will display the text prompt of [Please take over the steering wheel] with buzzing alarm. At this time, the driver needs to actively take over the steering wheel.

The instrument cluster will display the text prompt [Please take over the vehicle] and the LKA system will exit, if any of the following conditions are met:

1. Turn the steering wheel sharply.
2. Any door is opened.
3. The lane line is not clear.
4. The curve radius is too small.
5. The driver's seat belt is not fastened.
6. The driver releases the steering wheel for a long time.
7. The vehicle speed is out of the effective range.
8. The driver operates the steering wheel over a certain angle.

When the current conditions are detected not to meet the requirements for function activation, the LKA system will issue an audio-visual alert to the driver. The instrument cluster will display the text prompt [Please take over the vehicle] with buzzing. In this case, the driver needs to intervene by driving himself/herself.

Attention

- The LKA system has some technical limitations, so the driver must intervene in steering under certain conditions. When necessary, the system will prompt the driver to control the steering wheel through audible and visual alarms.
- The LKA system is strictly meant to enhance comfort, rather than a safety system, nor lane line detector or automated driving system without the capabilities to handle complex traffic situations or sudden environmental changes and other special conditions. The driver must always keep control of the steering wheel and be fully responsible for the vehicle.
- It is the driver's responsibility to ensure that the vehicle shall keep driving within the lane. LKA system is suitable for expressways and roads with good conditions, but not suitable for urban or mountainous roads.
- LKA system can assist the driver but cannot replace the driver for driving. Even if LKA system is activated, the driver must drive carefully.
- LKA system allows the driver not to operate the steering wheel for a short time, but it will automatically exit if the time is too long. The driver must always be ready to take over the steering wheel.
- It is recommended not to use LKA system when the road environment is harsh or the road conditions are complex.

Description of system control capability limitation

1. The steering capability of the LKA function is limited, and it cannot guarantee that the vehicle can pass through curves with any curvature within the effective speed range. The driver must maintain attention and always be ready to take over the steering wheel when driving through a curve. When a sense of danger is perceived, the driver must take over the steering wheel actively to steer.

2. Focus all your attention during driving and be ready to take over the

steering wheel at any time.

Description of System Detection Capability Limitation

The LKA system can detect lane lines and curbs with a certain contrast. For fuzzy or stained lane lines, the detection may be inaccurate or impossible, and for some vehicle tracks, watermarks or shadows with large color difference and contrast on the road surface, the detection may be wrong. Inaccurate lane line detected may cause function exit or abnormal steering.

Constraints of traffic environment on system safety

The LKA system may not work normally under the following conditions:

1. The sensor is blocked by snow, ice or dust stains on the front windshield.

2. When in heavy fog, rain, snow and other weather with low visibility.

3. When the lane line is blocked by other obstacles;

4. When the lane line width is too narrow or the curve curvature is too large;

5. When the sight of the camera is blocked due to too close distance from the front vehicle.

6. When driving towards strong light;

7. The vehicle is driving in situations with complex lane lines, such as lane line bifurcations, intersections, sidewalks, or construction zones.

8. The road surface is shaded by railings, trees, or other objects.

9. When the lane line is blurred or the light is weak at night;

10. When driving on a road covered with rain and snow;

11. The road surface is extremely bumpy or uneven.

Description of vehicle handling stability and system status

1. When TCS system or ESP system is activated, if LKA system is controlling the vehicle, it will exit.

2. When the road conditions allow safe use of LKA system, it can be restored and turned on.

3. If the LKA system reaches the upper limit of its steering capability during turning for more than a certain period of time, the system will give a takeover prompt. At this time, the driver shall take over the steering wheel actively.

4. If the LKA system judges that the curve ahead exceeds its passing capacity, it will give a takeover prompt. At this time, the driver shall take over the steering wheel actively.

5. If the LKA system detects abnormal shaking of the steering wheel, it will give a takeover prompt. At this time, the driver shall take over the steering wheel actively.

6. If the LKA system detects that the driver does not hold the steering wheel for a period of time, it will give a warning that the driver's hands are off. At this time, the driver shall take over the steering wheel actively.

7. After the LKA system requires that the driver takes over the vehicle, if the steering wheel of the vehicle is still under automatic control, the driver must operate the steering wheel to control the direction of the vehicle.

Introduction to system override function

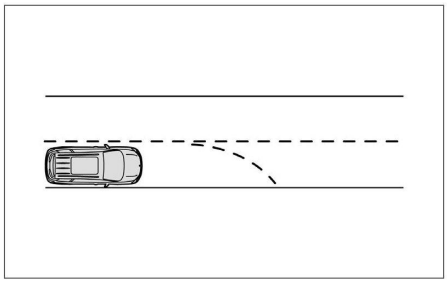
If the driver actively controls the steering wheel to change direction or turns on the turn signal to prepare for a lane change while the LKA system is activated, the system will enter an override state and no longer control the steering wheel. When the driver turns off the turn signal or stops actively controlling the steering wheel near the center of the lane, the system will resume automatic steering control.

Special scenarios

Under the following special scenarios, the LKA system may not respond well,

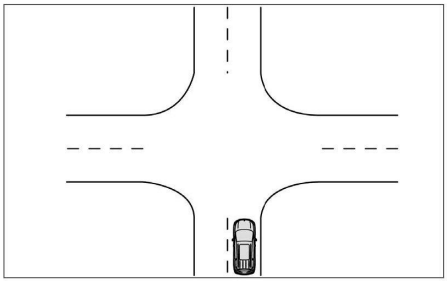
leading to accidents. Therefore, the driver must keep hands on the steering wheel and take over the steering wheel in time to steer actively in case of function abnormality exit or steering in order to avoid the occurrence of danger.

Interference line on the road



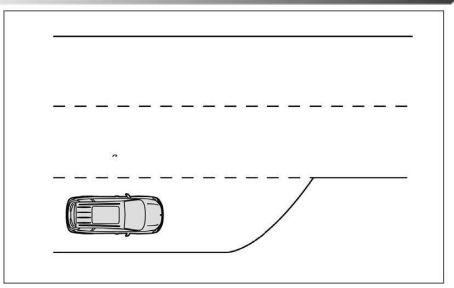
When there are obvious road interference lines on the road ahead, the LKA system may automatically exit or experience abnormal turning.

No lane line at the intersection



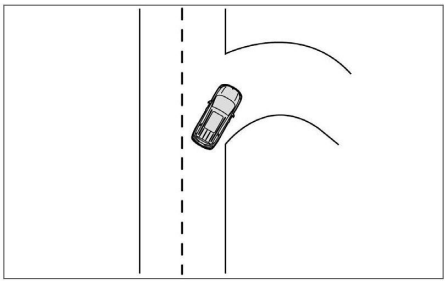
When the vehicle travels to an intersection, the LKA system may automatically exit due to absence of the lane lines ahead, or abnormal detection and steering may occur due to the influence of crosswalk and other road markings at the intersection.

Lane line convergence



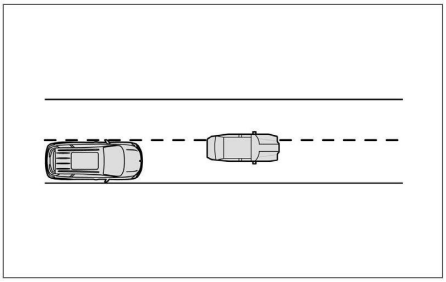
When the vehicle runs to the lane line convergence position, LKA system may automatically exit because it detects that the vehicle cannot pass through due to the lane line convergence ahead.

Expressway ramp



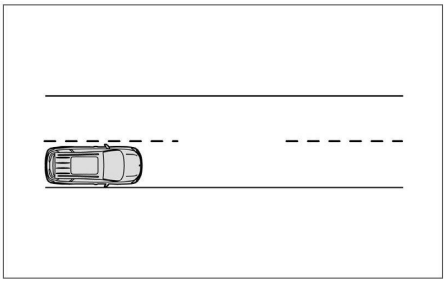
When the vehicle runs to an expressway ramp, the LKA system may automatically exit due to a reduced speed lower than the effective speed when the vehicle enters the ramp or detection of excessive ramp curvature or unclear lane line.

Lane line blocked vehicle ahead



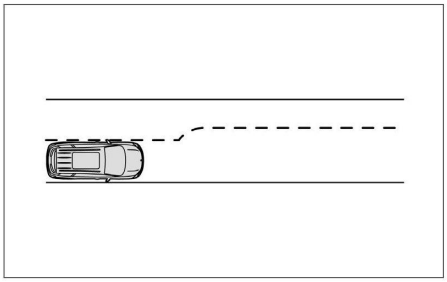
When there is a vehicle running close ahead of the vehicle and blocking the lane line ahead, the LKA system may exit automatically due to unrecognized lane lines on one side.

Blurred lane line



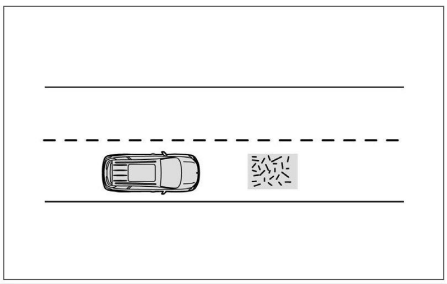
When the lane line ahead of the vehicle is blurred, the LKA system may exit automatically due to failure to identify clear lane lines.

Too curve or too narrow lane ahead



When the lane ahead is too wide or narrow, the LKA system may exit automatically because the width of the lane ahead judged does not meet the working conditions.

Extremely bumpy or uneven road surface

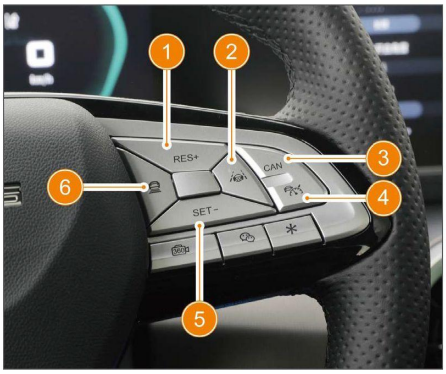


When the vehicle runs on an extremely bumpy or uneven road surface, the LKA system may automatically exit due to abnormal fluctuation of steering wheel or abnormal lane line detection caused by severe vehicle bumpiness.

Traffic jam assist (TJA) system

TJA system allows the vehicle to run at any desired speed in the range of 0 ~ 130 km/h, or follow a vehicle ahead within the following distance range allowed by the system. Depending on whether there is a vehicle ahead, the system can also automatically switch between speed control and following distance control, and turn on the LKA system at the same time.

Description of buttons



1. ACC Restore/Speed+ button

Restore: After the adaptive cruise control is disabled temporarily, press this button to reactivate it, so as to disable the front speed and distance driving.

Speed+: After the activation of the adaptive cruise control, the cruise speed can be adjusted by pressing this button. A short press increases the speed by 1 km/h, while a long press continuously increases the speed by 5 km/h.

2. The lane keeping function button can be pressed to activate the lane keeping function.

3. The adaptive cruise control pause button can be pressed to pause the cruise control function.

4. Adaptive cruise control button

Press the button to turn on or off ACC system.

5. Adaptive cruise control set/speed-

Setting: After the adaptive cruise control is on, the button can be pressed to activate the adaptive cruise control function. When the adaptive cruise control is activated, the button can be pressed to set current speed as the cruise speed.

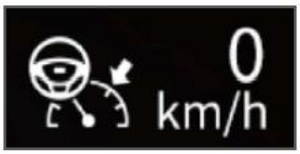
Speed- : During the activation of the

adaptive cruise control, the cruise speed can be adjusted by pressing this button. A short press decreases the speed by 1 km/h, while a long press continuously decreases the speed by 5 km/h.

6. Following distance adjustment button

Set the following distance from the vehicle ahead. Four modes can be set: short, medium, long and ultra-long.

Function on



Short press the adaptive cruise control button and lane keeping function button to activate the function.

The intelligent pilot ON indicator light on the instrument cluster will illuminate in white. When the lane lines on both sides are detected and the activation speed is met, the lane lines on both sides are white.

Function activation

When the vehicle speed is greater than 30 km/h, short press the adaptive cruise control "Set/Speed-" button to activate the function. The cruise speed will be displayed as the speed at the time of activation. The intelligent pilot dual function working indicator light on the instrument cluster illuminates in green and displays the cruise speed.

Functional degradation

In the activated state, if the TJA system does not identify the lane line or the lateral control exits, and the vehicle only has longitudinal control and cannot keep driving in the middle, the intelligent pilot single function working indicator light on the instrument cluster will illuminate in orange.

System interruption

If it is detected that the driver does not hold the steering wheel for a period of time, the instrument cluster will display the text prompt of [Please take over the steering wheel] with buzzing alarm. At this time, the driver needs to actively take over the steering wheel.

The instrument cluster will display the text prompt [Please take over the vehicle] and the TJA system will exit, if any of the following conditions are met:

1. Turn the steering wheel sharply.
2. Any door is opened.
3. The lane line is not clear.
4. The curve radius is too small.

5. The driver's seat belt is not fastened.

6. The driver releases the steering wheel for a long time.

7. The vehicle speed is out of the effective range.

8. The driver operates the steering wheel over a certain angle.

When the current conditions are detected not to meet the requirements for function activation, the TJA system will give visual and audible instructions to the driver. The instrument cluster will display the text prompt [Please take over the vehicle] with buzzing. In this case, the driver needs to intervene by driving himself/herself.

Attention

- During the activation of the TJA system, the driver shall always pay attention to the road conditions, maintain monitoring and take full responsibility for the vehicle.
- The TJA system is suitable for expressways and roads with good conditions, but not suitable for urban or mountainous roads.
- For the sake of safety, please use TJA system carefully, pay close attention to the surrounding environment and be ready to take over the vehicle at any time when driving in urban areas, under traffic congestion or on winding roads.
- Do not use the TJA system on hill roads, slippery roads (prone to hydroplaning), poor road conditions (such as slippery roads, waterlogged roads, gravel roads and roads under construction), severe weather with low visibility (such as foggy, rainy or snowy days), or when the sensors are blocked by snow, ice, fog, dirt or dust; otherwise, there may be a risk of accident!
- The TJA system can only adjust the distance from the vehicle running ahead. Generally, it cannot detect vehicles on other lanes or on other sides of the vehicle (except the rear), children, pedestrians, animals or other objects and brake the vehicle.
- If there is an oncoming vehicle in the same lane, TJA system will not respond.
- The TJA system can assist the driver but cannot replace the driver in driving. Even if TJA system is activated, the driver must drive with caution, be ready to take over the vehicle at all times, and comply with traffic rules.
- Please turn off TJA system temporarily when the vehicle is running on a curved lane, an expressway exit or a road section under construction.
- The driver should set the cruise speed and following distance reasonably according to the current road, traffic and weather conditions. The set speed shall not be too high to avoid accidents.
- In some cases (excessive relative speed, sudden deceleration, parking, quick lane changing or small safety distance of the vehicle ahead), TJA system may have no time to decelerate to avoid collision with the vehicle ahead. The driver must always pay attention to the road conditions, maintain monitoring of the vehicle, and take full responsibility for the vehicle.
- The TJA system cannot detect the objects or accessories protruding from the side, rear end or roof of the followed target vehicle. If the vehicle ahead is equipped with the above-mentioned special loads or equipment, turn off TJA system when overtaking such a vehicle, and the driver should actively depress the brake pedal depending on the situation.
- The dynamic characteristic of the TJA operation will be reduced when towing a trailer.
- Please pay attention to the text prompt on the instrument cluster [Do not accidentally step on the accelerator pedal]. The accelerator pedal depressed by the driver will cause the TJA system failure to apply automatic braking, which may result in a collision with the front vehicle.
- If TJA system has already stopped the vehicle and TJA has been released, turned off, or canceled, the vehicle will no longer remain stationary and may move. When the vehicle is stopped by TJA system, be sure to prepare for depressing the brake pedal.
- When the vehicle is stopped by the TJA system, the driver must shift the vehicle to P gear and turn off the Start/Stop switch before leaving the vehicle.
- For safety reasons, the set speed will be deleted after the Start/Stop switch is turned to OFF position.
- If the instrument cluster prompts [TJA exits automatically] and the TJA system cannot be turned on again, it indicates that the vehicle has an abnormal situation during this operation and needs to be restarted.
- The driver can depress on the accelerator pedal at any time to increase the speed. After the accelerator pedal is released, the TJA system will adjust the speed back to the previously stored speed.
- When the TCS system or the ESP system is activated, if the TJA system is controlling the

vehicle speed, the TJA system can be automatically released.

- If the TCS system or ESP system is turned off, the longitudinal control will not be activated.
- When the road conditions allow safe use of the TJA system, it can be manually restored and turned on.
- After the TJA system requires the driver to take over the vehicle, if the vehicle continues to move, the driver must press the brake pedal to apply brakes to the vehicle.
- If the vehicle speed exceeds the set value by depressing the accelerator pedal, the driver will not receive a takeover request.
- If the instrument cluster display interface does not match the actual situation observed by the driver, it is the driver's responsibility to take over control and drive the vehicle according to the actual situation.

In the following cases, the TJA system may be deactivated automatically and the driver needs to apply the brake manually to reduce the vehicle speed:

1. The sensor is blocked.
2. The system is subjected to some failures.
3. No vehicles or other objects are detected.
4. TCS system or ESP system is activated or deactivated.

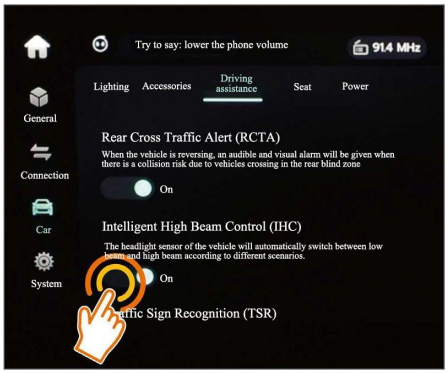
Special scenarios

For an introduction to special scenarios of the TJA system, please refer to the "special scenarios" section in the chapters on the ACC system and the LKA system.

Intelligent headlight control (IHC) system *

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.

Function on



Tap [Settings] - [Vehicle] - [Driving assistance] - [IHC] switch on the display screen to turn it on or off.

With the switch turned on, when the vehicle speed is greater than 45 km/h, the IHC function is turned on on the premise that the vehicle light control is in AUTO position and the low beam is turned on.

Function triggering

Low beam to high beam: When the external environment is dark, the vehicle automatically switches from low beam to high beam.

Switching from high beam to low beam: The external ambient light source is sufficient, and the vehicle automatically switches from high beam to low beam.

System interruption

The IHC system will exit 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 in the overtaking light position.
5. The light control is not in AUTO position.

Attention

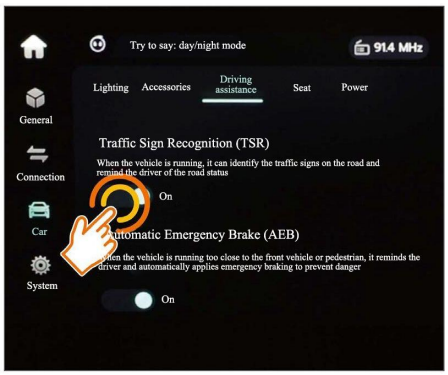
- Rain, ice, snow, dense fog and dirt may cause performance degradation of the IHC system.
- The IHC system may not work normally when the light of the vehicle ahead is blocked (such as the crash barrier).
- When there are highly reflective objects near the road (such as traffic signs), the IHC system 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, sharp turn, etc.).

Traffic sign recognition (TSR) system*

When the vehicle passes a traffic speed limit sign, the TSR system identifies the speed limit sign through the front-view camera and automatically displays the speed limit sign on the instrument cluster to remind the driver to drive carefully.

08

Function on



Tap [Settings] - [Vehicle] - [Driving assistance] - [TSR] switch on the display screen to turn it on or off. 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 instrument cluster will display the speed limit sign. When the vehicle is overspeed, the speed limit sign on the instrument cluster 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.

Attention

- TSR system cannot accurately identify embedded traffic signs and traffic signs with auxiliary signs.
- The TSR system can detect standard signboards or LED speed limit signs and speed limit release signs within 5 ~ 120 m in front of the vehicle.
- Keep the surface of the front windshield clean, free from ice, snow, fog, and dirt.
- Do not stick any substance on the front windshield, which may reduce the effectiveness of the TSR system or cause it to stop working.
- The TSR system is a driving assistance function, which aims to improve the driving convenience and safety of vehicles. It cannot cope with all traffic and weather conditions.
- The TSR system cannot replace the driver's attention and judgment. The driver is always responsible for ensuring that the vehicle runs safely at an appropriate speed in accordance with current traffic laws and regulations.
- The TSR system 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 visibility is poor, such as in foggy, rainy or snowy days, the recognition performance will be limited.
- When strong light (oncoming headlight light or direct sunlight) obstructs the field of view of the front-view camera, TSR system may not recognize traffic signs.
- When a speed limit sign is blocked by an object, the TSR system may not recognize it.
- When the traffic sign does not meet the standard approved format, it may not be recognized by TSR system.
- Under certain traffic conditions, the TSR system may not respond well, resulting in wrong detection or missed detection of signs. Therefore, the driver needs to pay special attention.

System impact introduction

Instruction of impact calibration

1. Removal and installation of interior rearview mirrors.

2. Replace the front windshield.

After replacement of the front-view camera and front windshield, 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

1. Structural modification of the vehicle may deteriorate system functions.

2. The operation of the system may also be restricted in case of snow, heavy rain or accumulated water on the road.

3. 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 figure prompt will display on the instrument cluster. At this time, please use water spray wipers to clean the glass or contact an 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 rear side assist system can detect vehicles behind the vehicle or in the adjacent lane through sensors on both sides of the rear bumper. If there is a risk of collision, the system will issue an alarm to remind the driver to drive safely.

Sensor

The radar sensor is located inside the rear bumper.

Attention

- 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.
- Please turn off the rear side assist 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.
- Improper maintenance or modification of the vehicle may cause sensor misalignment, affecting the normal operation of the rear side assist system. Therefore, it is recommended that you contact an authorized service station of Dongfeng Forthing.

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.

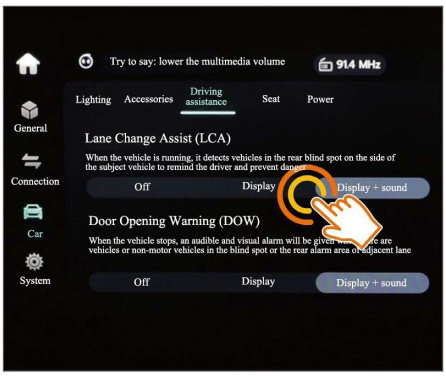
Warning

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.

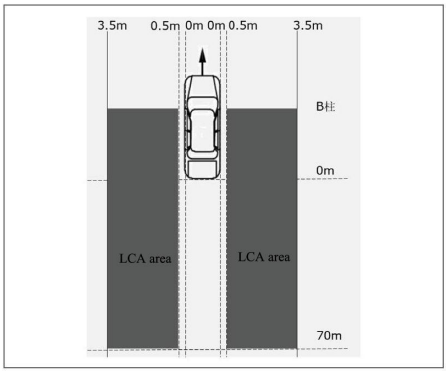
Function on



Tap [Settings] - [Vehicle] - [Driving assistance] - [LCA] on the display screen to select [Off], [Display] or [Display + sound].

On the premise that [Display] or [Display + sound] is selected for lane change assist (LCA), the function is turned on when the vehicle speed is greater than 18 km/h, so as to monitor the vehicle conditions behind the vehicle in real time and ensure the lane change safety of the user.

Lane change assist (LCA) range



The alarm area of the LCA system is 0.5 m to 3.5m laterally from the left and right sides of the vehicle, and longitudinally from B-pillar to 70 m behind the rear of the vehicle, as shown in the figure. The shaded area is the early warning area, which is bilaterally symmetrical.

Function triggering

Level 1 alarm:

When the target approaches the vehicle, the level 1 alarm will be triggered, and the blind spot light of the rearview mirror on the same side will be always on.

Level 2 alarm:

When the target approaches the vehicle, the level 1 alarm will be triggered. When the turn signal on the same side is turned on, the level 2 alarm will be triggered. The blind spot light of the rearview mirror on the same side will flash, accompanied by an audible alarm.

System interruption

The system will exit if any of the following conditions are met:

1. Select [Off] for the LCA system.

2. Turn the Start/Stop switch to OFF position.

3. The gearshift lever is not at D gear and the vehicle speed is less than 15 km/h.

Attention

- The LCA system does not work in case of sharp turns.
- The LCA system does not work during reversing.
- Reversing assist is an auxiliary driving function and does not work in all cases.
- The LCA system cannot replace safe driving and the use of rearview mirrors.

Lane change assist is not always able to work under various circumstances, and various reasons may lead to unnecessary, inappropriate or invalid warnings or omitted warnings, such as:

- Radar is limited.
- There is a moving metal object with large volume in the blind spot.

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. When driving on a bridge, under a bridge or in a tunnel;

3. When driving beside shrubs, trees, etc.;

4. When there are electric poles, street lights or concrete low walls beside the driving road;

5. When driving near construction areas such as factory buildings, ports, etc.;

6. When driving on urban roads or turning at multi-lane intersections.

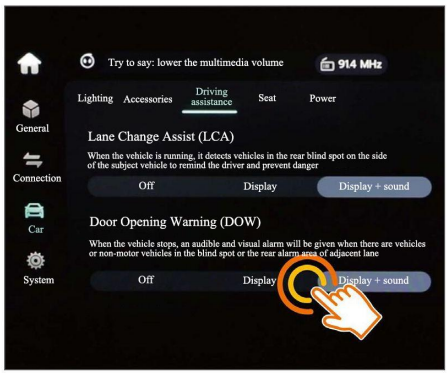
The above warnings and limitations do not address all situations that may interfere with the LCA system. There are many factors that can lead to LCA system failure. In order to avoid collision, the driver needs to be vigilant when driving the vehicle and always pay attention to the road conditions so as to change lanes when it is safe to do so.

Door opening warning (DOW) system

When the vehicle is stationary, the DOW system can detect vehicles, cyclists or pedestrians approaching the vehicle from the rear. When a target is detected to be approaching, the driver or passenger opens the door and the DOW system sends out a warning message to avoid the risk of

collision.

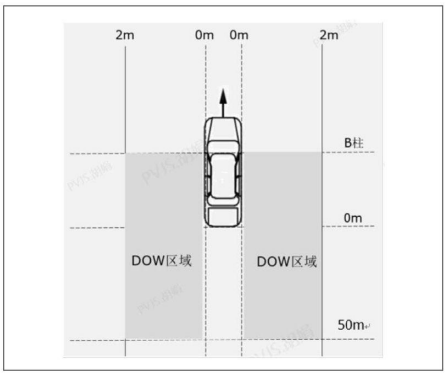
Function on



Tap [Settings] - [Vehicle] - [Driving assistance] - [DOW] on the display screen to select [Off], [Display] or [Display + sound].

On the premise that [Display] or [Display + sound] is selected for the door opening warning DOW, the function is turned on when the vehicle speed is 0 km/h, so as to monitor the vehicle conditions behind the vehicle in real time and ensure the safety of users getting off the vehicle.

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 early warning area, which is bilaterally symmetrical.

Function triggering

Level 1 alarm:

When the target approaches the vehicle, the level 1 alarm will be triggered, and the warning light will be always on.

Level 2 alarm:

When the target approaches the vehicle, the level 1 alarm will be triggered. When the door on the same side is opened, the level 2 alarm will be triggered. The blind spot light of the rearview mirror on the same side will flash, accompanied by an audible alarm.

System interruption

1. The vehicle speed is greater than 0km/h.

2. Turn the Start/Stop switch to OFF position for more than 3 minutes.

Attention

- The DOW system is effective only when the vehicle is stationary, and this function will not work when the vehicle is moving.
- 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 the door. Limited by the performance of the sensor and the complexity of the traffic environment, unnecessary alarms or no alarms may be given. Active observation of the door opening environment before getting off the vehicle is the most effective measure and responsibility for the driver and passengers to ensure personal safety.

The DOW system is not always able to work under various circumstances, and various reasons may lead to unnecessary, inappropriate and invalid warnings or omitted 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.

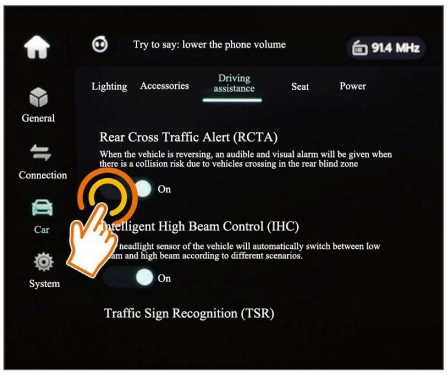
4. Other vehicles and cyclists directly behind the vehicle.

5. The vehicle stays 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.

Rear cross traffic alarm (RCTA) system

The RCTA system can detect vehicles, cyclists or pedestrians crossing the rear of the vehicle. When the vehicle is reversing, the system detects that there is a target approaching and the vehicle has a collision risk, and the RCTA system will send out an early warning message to avoid collision risk.

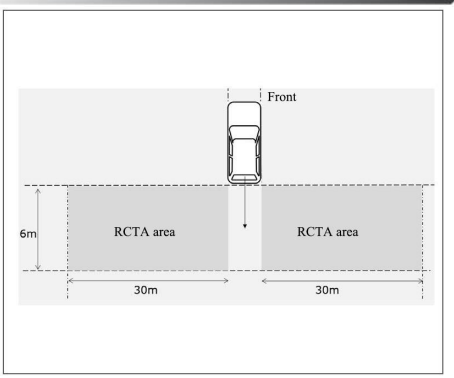
Function on



Tap [Settings] - [Vehicle] - [Driving assistance] - [RCTA] switch on the display screen to turn it on or off.

On the premise that the RCTA switch is turned on, the function is turned on when the vehicle is in R gear and the vehicle speed is less than 10 km/h, so as to monitor the rear crossing vehicle in real time and ensure reversing safety.

Rear cross traffic alert (RCTA) range



The alarm area of the RCTA system is from 0m to 30m laterally on the left and right sides of the vehicle, and from the rear to 6m rearward, as shown in the figure. The shaded area is the early warning area, which is bilaterally symmetrical.

Function triggering

When a target approaches the rear of the vehicle during reversing, the warning light flashes, accompanied by sound prompt and parking assist interface display.

System interruption

1. The vehicle is not at R gear.

2. The vehicle speed is greater than 10 km/h.

Attention

- The RCTA system is an auxiliary driving function and does not work in all cases.
- The RCTA system cannot replace safe driving and the use of interior and exterior rearview mirrors.
- The use of the RCTA system does not in any way mean that the driver can do nothing and relax. It is always the responsibility of the driver to reverse in a safe manner.

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 the surrounding area is hit and driven due to vehicle collision or scratch.

3. Extreme weather conditions such as rain, snow, fog and haze may affect radar performance.

4. Due to the limitation of the radar to identify target characteristics, under rare special circumstances, false alarms may be generated against some metal protective fences, green belts, concrete walls, etc.

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 occupant detection (ROD) system

After the vehicle is powered off, the ROD system will detect the rear occupants. If occupants or pets are detected, the ROD system will give an alarm message to remind the driver and ensure the safety of occupants or pets.

ROD on and off

The ROD switch status is the last operation status by default. Tap [Settings] - [Vehicle] - [Driving assistance] - [ROD] switch on the display screen to turn it on or off.

⚠Warning

• The ROD system is an auxiliary reminder tool and is not responsible for any casualties caused by occupants or pets left in the vehicle. Please confirm the situation inside the vehicle before leaving.

• Please pay attention to the network environment around the vehicle. Network restrictions (such as parking in underground parking lots) may cause alarm messages to be unable to be sent or delayed, and remote commands to be unable to be executed smoothly.

• Obstructions or moving objects can interfere with the normal operation of sensors and may affect the timeliness and accuracy of system detection.

• The system may not accurately detect too small living organisms.

Rear occupant detection range

Rear seat area of the vehicle

Functional warning prompt information

Function warning prompts are provided by the Dongfeng Forthing APP. For detailed information, please refer to the software interface.

Regular maintenance

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 low-voltage battery	Check the condition of 12V low-voltage battery and the corrosion of terminals once a month.
Front windshield defrosting device	Check the air outlet of defroster every month when using the heating device and the A/C.
Lights	Check the condition of headlights, clearance lights, tail lights, 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.

Attention

- 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. 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.

Attention

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 every 5,000 km, and try to ensure that the wiper cover plate is clean and tidy, so as to avoid damage to relevant electrical equipment caused by blockage or water accumulation in the gutter channel. In case of blockage and water accumulation, please contact an authorized service station of Dongfeng Forthing in time.

Maintenance method

1. Removing the wiper arm and blade: Open the hood and uncover the two sealing covers on the wiper arm, two fixed screws can be seen. Remove the screws take off the wiper arm and blade.

2. Removing the wiper cover plate: Remove the fixed plastic clips on the cover plate.

3. Removing the wiper assembly: Remove the corresponding mounting bolts of the wiper assembly.

4. Use a scraper or brush to remove sundries on the gutter channel and clean it up.

5. Restore the wiper cover plate and wiper to their original positions 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 sealing strip surface of the parts is worn or damaged, please contact an 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 the seat belt before it becomes 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 the paint and decoration in good condition.
4. Keep regular interior maintenance, etc.

Self-maintenance

Front engine compartment

Open the engine hood

1. Pull the hood opening handle at the lower left side of the instrument panel, and the hood will pop up slightly.

2. Pull the safety lock lever to the left and lift the hood.

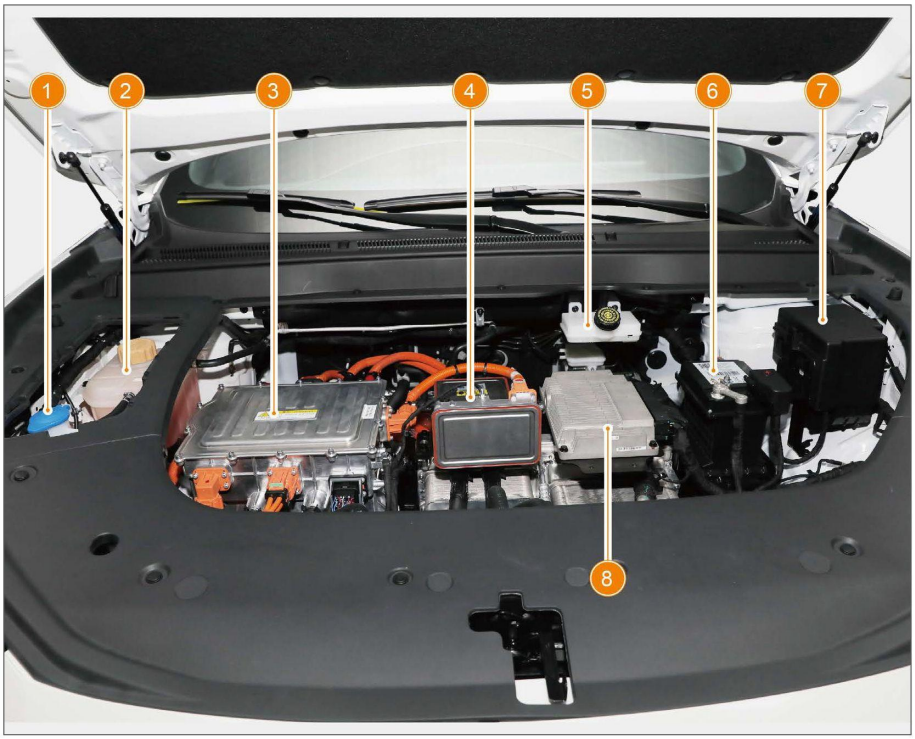
Close the engine hood

For models without hood pneumatic stay, lift the hood to a height of about 30 cm from the closing position, and then release it to allow it to fall freely to close. For models equipped with hood pneumatic rods, pull down the hood to a height of about 30 cm from the closed position, then push it down to close it, and confirm 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.

Type I

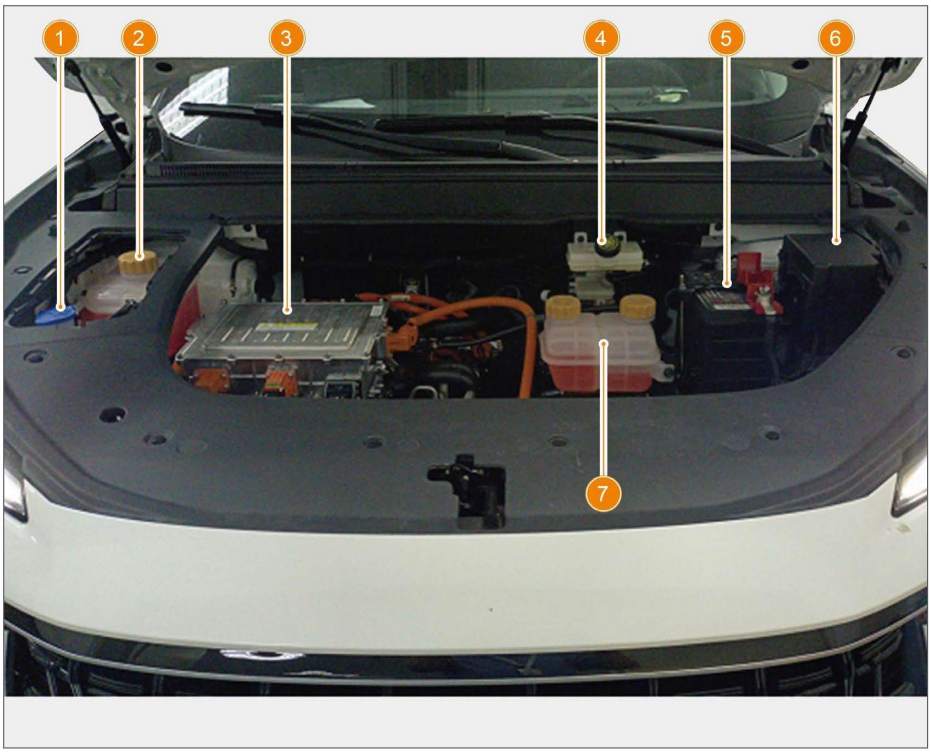
Layout of engine compartment

The picture is for reference only, and the actual vehicle shall prevail.



1. Washer fluid reservoir
2. Coolant expansion tank
3. Three-in-one controller box
4. PTC
5. Brake fluid reservoir
6. 12V low-voltage battery
7. Engine Compartment Fuse Box
8. TMS

Type II



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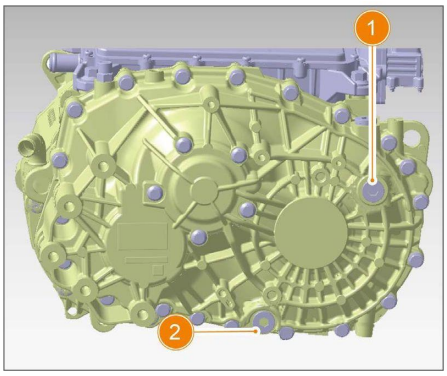
1. Washer fluid reservoir
2. Coolant expansion tank (motor and controller loop)
3. Three-in-one controller box
4. Brake fluid reservoir
5. 12V low-voltage battery
6. Engine Compartment Fuse Box
7. Coolant expansion tank (traction battery and PTC loop)

Reducer lubricating oil



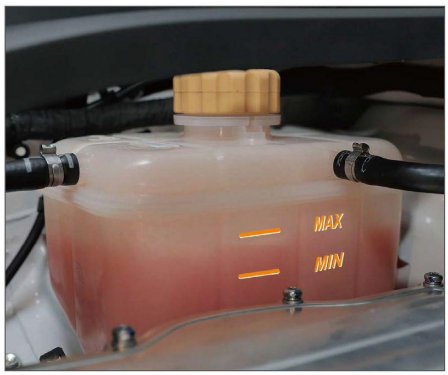
1. Oil filler
2. Oil outlet

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

Type 1 Coolant check



Type 2 Coolant check

Coolant expansion tank (motor and controller loop)

This coolant expansion tank is the same as type 1.

Coolant expansion tank (traction battery and PTC loop)

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

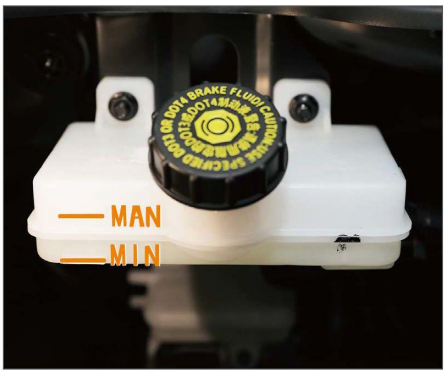
When the drive system is not completely cooled, opening the coolant expansion tank cover may cause the coolant to eject, resulting in serious scald. Before opening the coolant expansion tank cover, make sure that the drive system has cooled down.

Coolant replacement

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) marks on the 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 for inspection in time.

Brake fluid replacement

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 shall be replaced every 2 years or 40000 km, whichever comes first.

2. The technical requirements for brake fluid shall comply with the relevant provisions of GB12981.

Inspection of glass washer fluid

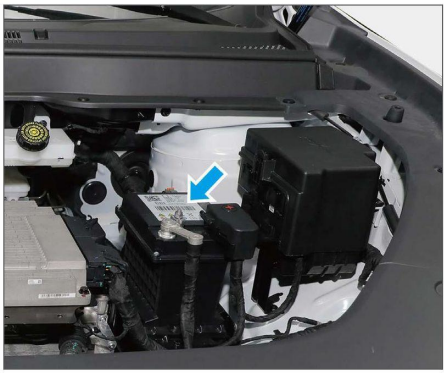
1. Check whether there is enough washer fluid in the washer fluid reservoir.

2. If no water is sprayed by using the wiper spraying function, it indicates that the glass washer fluid is insufficient and can be added appropriately.

Attention

- 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.
- If alcohol-based washer fluid is used, the ethanol content of the washer fluid shall not be higher than 24%.

12 V low-voltage battery



This vehicle is equipped with a maintenance-free 12V low-voltage battery, which is located on the left side of the engine and mainly provides electric energy for vehicle starting and on-board electrical appliances. If the 12V low-voltage battery is seriously undervoltage, the vehicle will not be able to start.

Usage and precautions

1. Do not turn on electrical appliances such as lights, 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 low-voltage battery to prevent the on-board electrical appliances from consuming the 12V low-voltage battery.

3. After the vehicle stops, pay attention to whether the lights, audio, A/C and other electrical appliances are turned off.

4. The condition of the 12V low-voltage battery should 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 low-voltage 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 minutes, 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 low-voltage 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 low-voltage battery will produce explosive hydrogen. Sparks or open flames will cause the 12V low-voltage 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 20000 km.

A/C filter replacement

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 A/C is not used for a long time

Turn on the A/C at least once every two weeks for at least 5 minutes even in cold months. This is to prevent the lubrication of parts inside the compressor from deteriorating, so as to keep the A/C 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.

Attention

- Using tires with excessive wear or insufficient tire pressure will cause accidents and personal injuries.
- All descriptions about tire inflation and maintenance in this 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 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 pressure monitoring system

The tire pressure monitoring system is used to dynamically monitor the tire pressure and temperature. When the tire pressure is abnormal, the instrument cluster will display corresponding alarm information (see "Warning Light" in Chapter IV "Instrument Cluster" for details). Some vehicle models are equipped with indirect tire pressure monitoring system that only displays alarm information without specific tire pressure and temperature values.

Attention

- 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 tire pressure monitor system loses its signal. Please contact an authorized service station of Dongfeng Forthing 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 minute before the tire pressure information interface updates the data.

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.

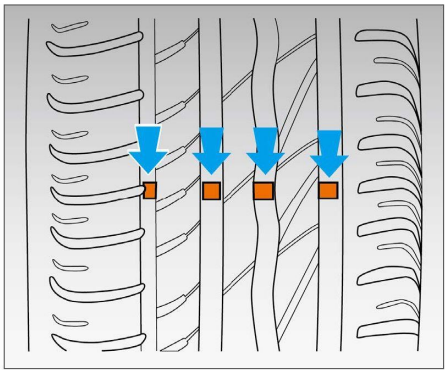
Tire inspection

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. Scratches, cracks or fractures on the side of the tire. If the tire fabrics or

cords are exposed, replace the tire.

2. Excessive tread wear.

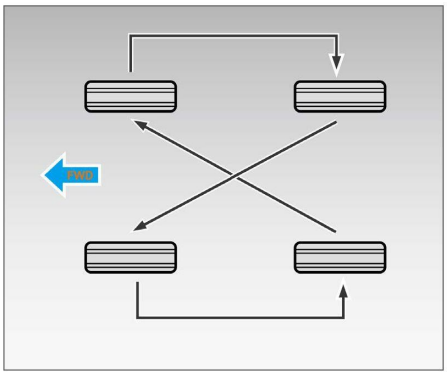


The tire must be kept in good condition, and the tread pattern on the tire surface shall be deep enough. The tire wear degree can be measured by the raised points in the tire driving belt. If the tread thickness is less than 1.6 mm, the tire must be replaced. Such tire lacks adhesion when driving on 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 10000 km. Each time of transposition, the operation shall be carried out according to the method shown in the above figure.

Wheel and tire specifications

Rim specifications: 18 × 6.5 J (for specific vehicle models), 19 × 7 J

Tire specifications: 235/60 R18 (for specific vehicle models), 235/55 R19

As for the tire size suitable for this vehicle, please refer to the tire nameplate pasted under the driver's door frame, or contact an authorized service station of Dongfeng Forthing.

Tire and wheel replacement

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

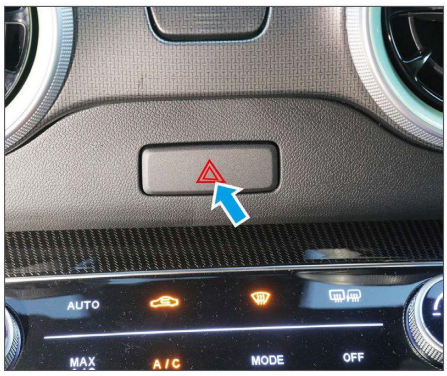
Snow anti-skid chains can only be used in emergency situations or when driving through specific areas expressly stipulated by law.

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. If anti-skid chain is needed to install, it is recommended to install it on all four wheels simultaneously to ensure the vehicle runs smoothly after installation. 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.

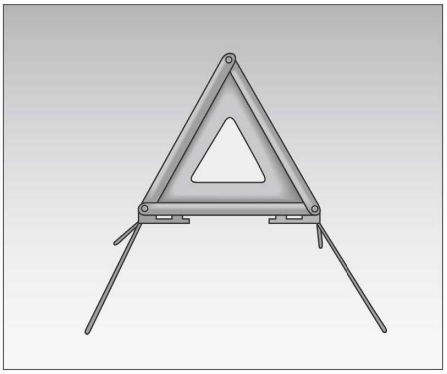
Hazard warning device

Hazard warning light



Press the hazard warning light switch above the A/C control panel, and the turn signal and the turn signal and hazard warning light on the instrument cluster will start to flash to remind pedestrians and passing vehicles to avoid the vehicle.

Warning triangle



The warning triangle is placed under the trunk cover and can be seen by lifting the cover.

In case of an accident during driving, stop the vehicle on the right side as far as possible, 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.

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.

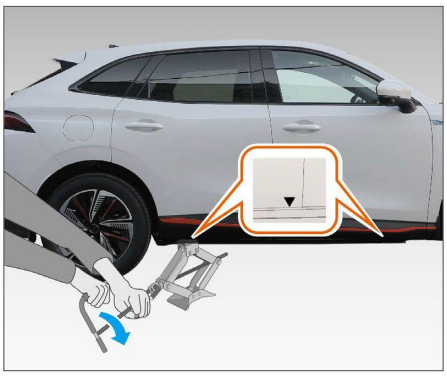
Preparations for tire replacement

Park the vehicle in a place where the traffic flow is little and it is convenient to replace the wheel safety. 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.

Spare tire replacement

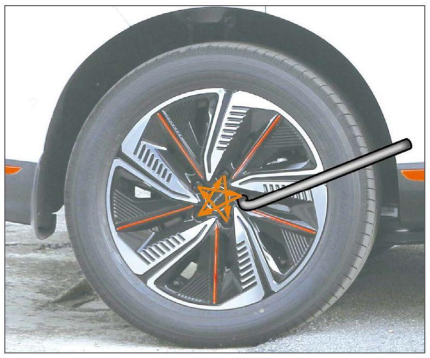
Before jacking the vehicle, place a stopper in front of and behind the wheel diagonally opposite to the replaced tire, and then loosen the replaced wheel nut by half a turn with a wrench.



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.

Attention

Do not jack the jack 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.

Attention

- Frequently check the inflation pressure of the spare tire to keep the inflation pressure within the specified range, so that it can be used in an emergency at any time. If the spare tire has not been used for many years, please contact an authorized service station of Dongfeng Forthing to ensure that your spare tire can still be used safely.
- 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. front wheel). If the steering wheel needs to be replaced, the spare tire shall be replaced on the rear wheel first, and then the replaced wheel shall be installed on the steering wheel.

Tire repair

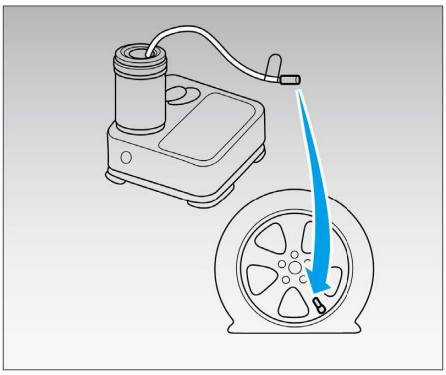
Your vehicle is equipped with emergency tools for tire repair. Minor damage to the tire tread can be repaired with a vehicle tire repair emergency tool. The emergency tire repair kit is located under the trunk cover.

Usage of emergency tools for vehicle tire repair

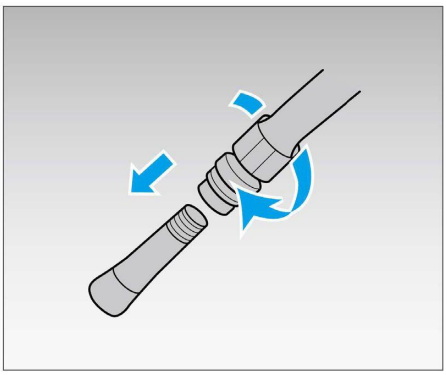
1. If the tire is punctured, please park the vehicle on a solid, flat and non-slippery road away from traffic flow. After the vehicle is parked stably, turn off the power supply and pull up the EPB switch. Turn on the hazard warning light and place a warning triangle at an appropriate distance.

2. Take out the emergency tire repair kit under the trunk floor cover, and take out the inflation pump and the tire repair liquid bottle.

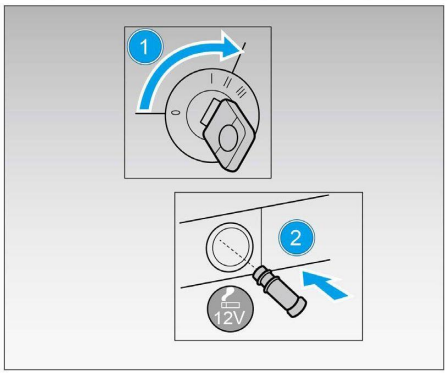
3. Pull out the inflation pump hose and power cord, connect the inflation pump hose with the air inlet of the tire sealant bottle, and then tighten it. Insert the tire sealant solution bottle into the fixing groove on the inflation pump and keep it upright.



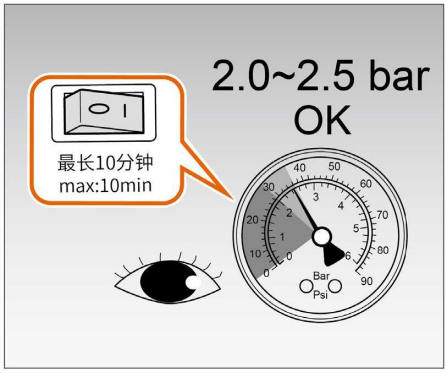
4. Unscrew the protective cap of the valve of the faulty tire, connect the hose of the tire sealant with the tire valve, and tighten it.



5. Start the vehicle, insert the power connector of the inflation pump into the 12V power supply, and turn on the inflation pump switch.

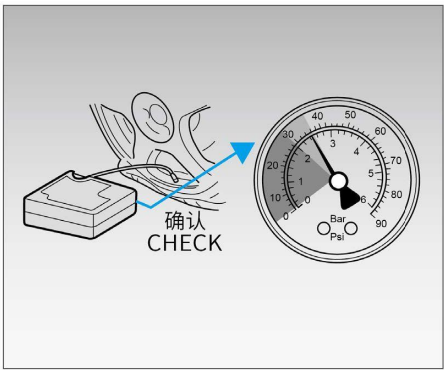


6. When the tire pressure rises to 2.0 ~ 2.5 bar, turn off the inflation pump switch, unscrew the inflation pump hose and put the inflation pump away. If the tire pressure does not reach 2.0 ~ 2.5 bar after more than 10 minutes of inflation, please stop repairing immediately and refer to 7.2.2.



7. After the tire repair is completed, unscrew the tire sealant, disconnect the power connector, and put the emergency tools for vehicle tire repair into the trunk. After driving for the first 5 km within 1 minute, please check the tire pressure with the inflation pump.

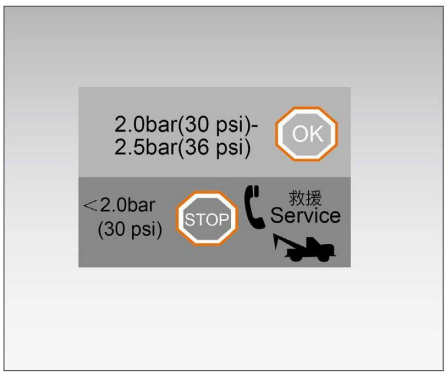
7.1 If the tire pressure is still within the range of 2.0 ~ 2.5 bar, continue to drive for about 100 km. Go to the nearest authorized service station of Dongfeng Forthing for help. The vehicle speed shall not exceed 80 km/h.



7.2 When the tire pressure is lower than 2.0 bar, please inflate it again with an inflator pump to a range of 2.0 ~ 2.5 bar. After driving for 5 km, check the tire pressure with the inflation pump again.

7.2.1If the tire pressure is still within the range of 2.0～2.5 bar, continue to drive for about 100 km. Go to the nearest authorized service station of Dongfeng Forthing for help. The vehicle speed shall not exceed80 km/h.

7.2.2When the tire pressure is lower than 2.0 bar, please park the vehicle away from the traffic flow. Turn on the hazard warning light, place a warning triangle at an appropriate position, and contact an authorized service station of Dongfeng Forthing.



Warning

- The emergency tools for vehicle tire repair are limited to emergency repair of tires, and are suitable for short-distance use to ensure that the vehicle runs to the nearest authorized service station of Dongfeng Forthing in case of emergency. Before operation, be sure to carefully read the operating instructions of the emergency tools for vehicle tire repair and replace the tire as soon as possible.
- Park the vehicle as far away from the traffic

flow as possible, and turn on the hazard warning indicator light and place the warning triangle when necessary.

- Tire damage and wheel damage caused by driving under low tire pressure will significantly reduce the driving safety of the vehicle. Do not continue driving and immediately contact an authorized service station of Dongfeng Forthing.
- If the tire leakage point is large or the damaged position is close to the tire wall of the rim, do not use the emergency tool for tire repair. Please contact an authorized service station of Dongfeng Forthing immediately.
- Do not pull out objects (screws or nails, etc.) that may cause tire damage during operation.
- During inflation, the temperature of the inflation pump and its hose will rise, which is normal.
- The validity period of the tire sealant is five years. Please confirm the production date before use (the production date is printed on the tire repair fluid tank).
- Do not allow tire repair fluid to come into contact with skin or eyes, and store it away from children.
- The external temperature range for normal operation of tire repair fluid is -30°C ~ 70°C.
- The tire repair fluid is a disposable item. After emergency tire repair or expiration of the tire repair fluid, please go to an authorized service station of Dongfeng Forthing to purchase new tire repair fluid as soon as possible to ensure that the vehicle always has the tire repair fluid. After successful repair with emergency tools for tire repair, please go to an authorized service station of Dongfeng Forthing for help as soon as possible.
- After repairing the tire with tire repair fluid, the vehicle speed shall not exceed 80 km/h during driving, and sudden acceleration, sudden braking and rapid turning shall be avoided.

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 of -40°C ~ 0°C, please place the product in the warm air position inside the vehicle and return it to above 0°C before use, so as to improve the filling efficiency of tire sealant.

4. After using this product, drive the vehicle for 10 km or more immediately without stopping and go to a 4S store or 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 used to repair tread punctures. Damages of tire shoulder, sidewall, valve stem and other parts cannot be repaired by this product.

8. The storage temperature of this product is -40°C to 70°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.

Bulb replacement

The replacement of bulbs usually requires the removal of certain vehicle components, so professional skills are required for relevant operations, otherwise the lampshade may be damaged. If replacement is required, please contact an authorized service station of Dongfeng Forthing.

Bulb specifications

Name	Bulb Type
Headlight (low beam)	HI 12V 55W
Headlight (high beam)	HI 12V 55W
Front turn signal light	PY21W
Front position light	W5W 12V
Daytime running light	LED
Side turn signal	WY5W
Rear turn signal	PY21W
Reversing light	LED
Rear fog light	LED
License plate light	W5W
Front interior light	C5W
Rear interior light	C5W
Trunk light	C10W
Brake light	LED
High-mounted brake 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 headlight can be dissipated.

Attention

- When the headlight is turned on, the surface temperature of the headlight is very high. Do not directly touch the surface of the lamp to avoid scalding.
- To avoid damaging the light, do not use invasive abrasives or chemical solvents to clean the light.
- Do not wipe the lampshade or clean it with sharp objects when it is dry.

Wiper maintenance

Wiper maintenance mode

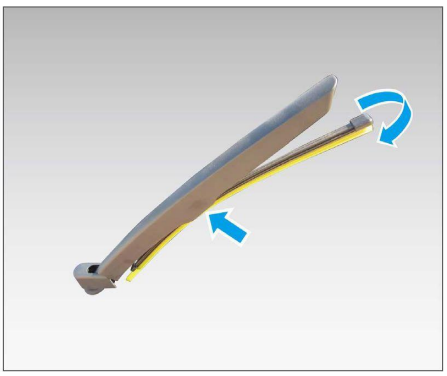
When the Start/Stop switch is turned to "OFF" position, pull the wiper control handle upwards, and the front wiper will stop at a position close to the maximum height, which is convenient for maintenance and repair of the wiper blade. When the Start/Stop switch is turned to ON position again, the front wiper will automatically return to its original position.

Front wiper blade replacement

1. After activating the wiper maintenance mode, pull up the wiper arm, pull out the wiper blade along the opening direction of the wiper rod, and remove the wiper blade.

2. 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.

Rear wiper blade replacement



Check whether the wiper blades are worn or broken.

To replace the rear wiper blade, please follow the steps below:

1. Pull the rear wiper blade from the rear windshield.

2. Pull out the rear wiper blade from the rear wiper arm.

3. Insert a new wiper blade and push it in place.

4. Fold the rear wiper arm back to the rear windshield.

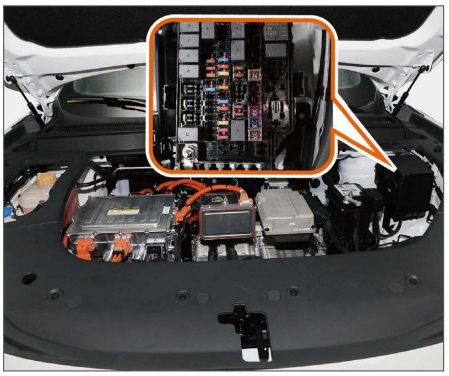
⚠Warning

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. Please do not open the engine hood when wiper arms are pulled up. Otherwise, both the hood and wiper arms will be damaged.

Fuse replacement

Positions of fuse boxes

Engine compartment fuse box

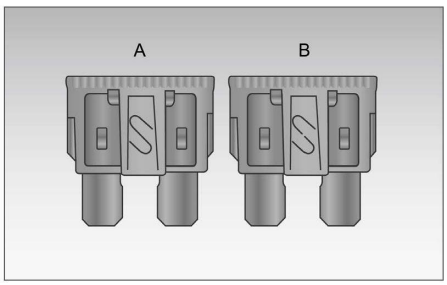


The engine compartment fuse box is located at the upper left part of the engine compartment. Remove the clips on the left and right sides of the fuse box, and open the box cover to check the fuse.

Interior fuse box

The interior fuse box is located in the lower left corner of the dashboard. Remove the cover plate to check the fuse.

Fuse check

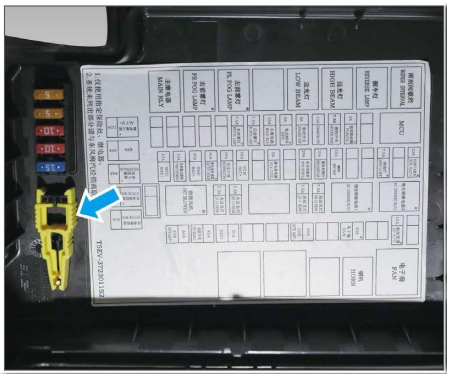


A: Normal

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.

Fuse replacement

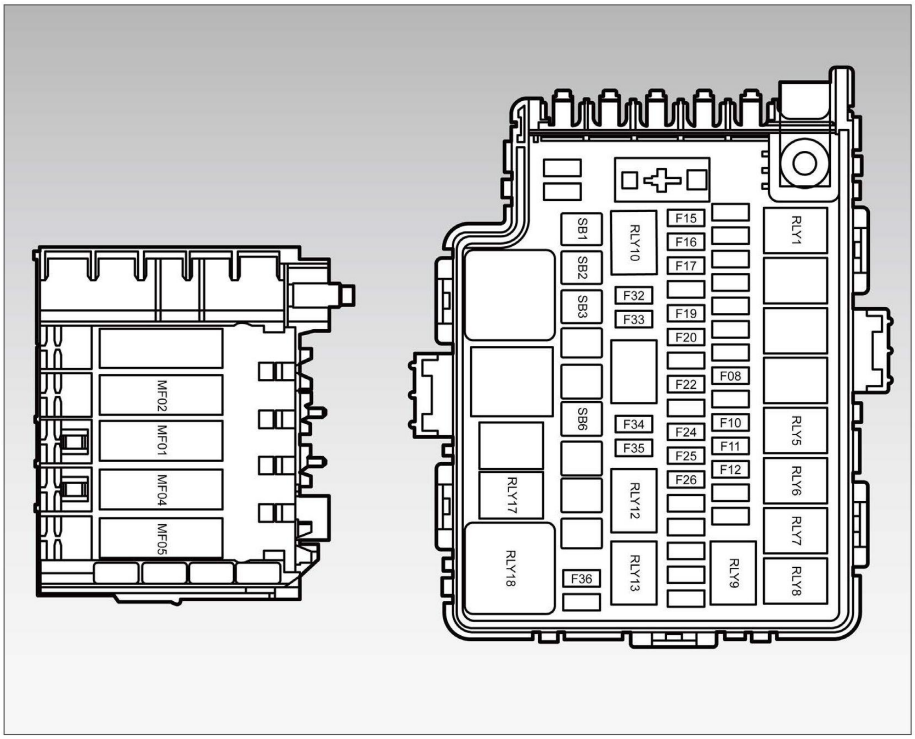


There is a fuse puller in the engine compartment fuse box. Pull the fuse straight out of the fuse box with the puller. If the fuse is not blown, there must be other causes causing the fault. Please contact an authorized service station of Dongfeng Forthing as soon as possible.

Find the blown metal wire in the fuse. If the fuse is blown, replace it with a spare fuse with the same or lower amperage.

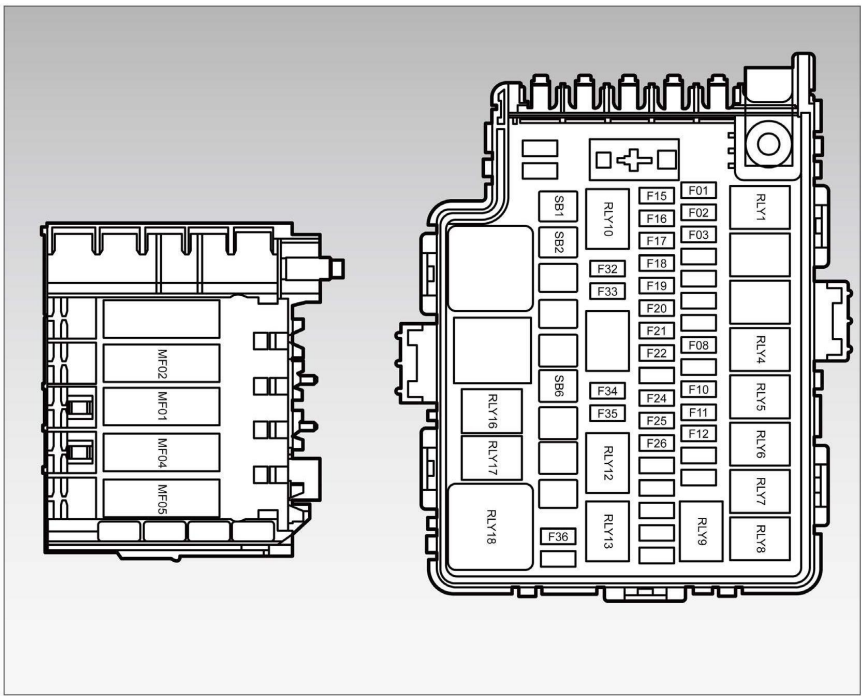
If the replacement fuse with the same rating is blown again in a short time, it indicates that the vehicle may have a serious electrical fault. Please contact an authorized service station of Dongfeng Forthing as soon as possible.

Layout of engine compartment fuse box (type 1)



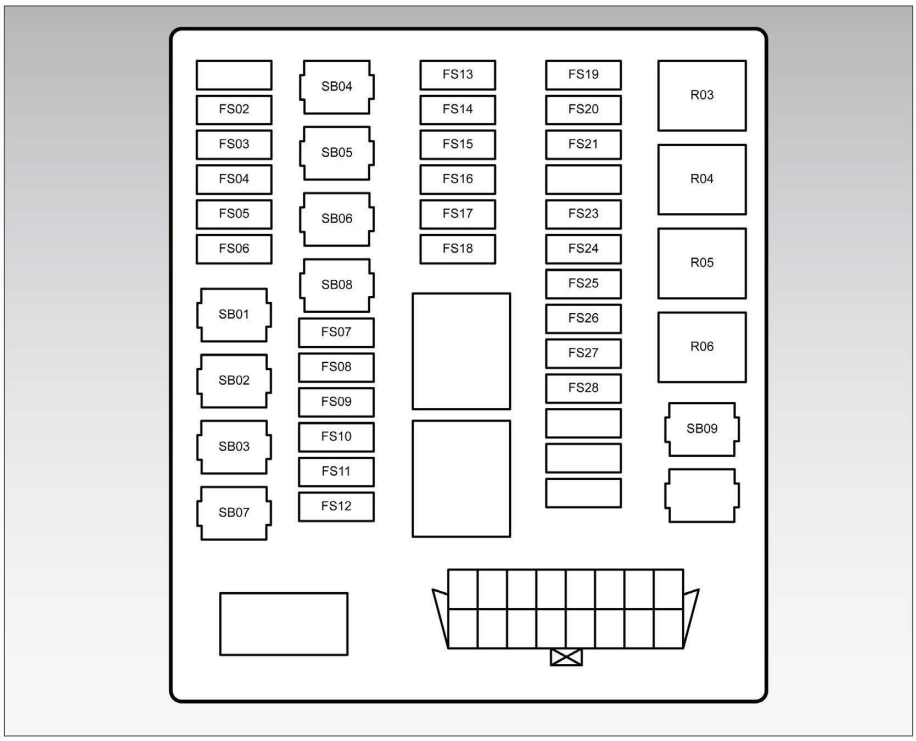
No.	Name	Rated Current (A)	Notes
F08	Main relay fuse	15A	-
F10	Brake switch fuse	5A	-
F11	BMS & VCM IGN fuse	10A	-
F12	Reverse switch fuse	7.5A	-
F15	MCU fuse	10A	-
F16	Power output module fuse	10A	-
F17	BMS fuse	20A	-
F19	Charging port fuse	10A	-
F20	VCM fuse	15A	-
F22	Relay coil fuse	5A	-
F24	Wiper INT mode fuse	20A	-
F25	Front bumper ambient light fuse	10A	-
F26	Horn fuse	15A	-
F32	Left low beam fuse	7.5A	-
F33	Right low beam fuse	7.5A	-
F34	Left high beam fuse	7.5A	-
F35	Right high beam fuse	7.5A	-
SB1	EHB B+ fuse	60A	-
SB2	Front blower fuse	40A	-
SB3	EDU fuse	50A	-
SB6	EHB B+ fuse	60A	-
F36	Start feedback fuse	10A	-

Layout of engine compartment fuse box (type 2)



No.	Name	Rated current (A)	Notes
F01	PTC water pump fuse	15A	-
F02	Battery pack water pump fuse	15A	-
F03	Motor water pump fuse	15A	-
F08	Main relay fuse	15A	-
F10	Brake switch fuse	5A	-
F11	BMS & VCM IGN fuse	10A	-
F12	Reverse switch fuse	7.5A	-
F15	MCU fuse	10A	-
F16	Power output module fuse	10A	-
F17	BMS fuse	20A	-
F18	Battery sensor fuse	10A	-
F19	Charging port fuse	10A	-
F20	VCM fuse	15A	-
F21	MC fuse	30A	-
F22	Relay coil fuse	5A	-
F24	Wiper INT mode fuse	20A	-
F25	Front bumper ambient light fuse	10A	-
F26	Horn fuse	15A	-
F32	Left low beam fuse	7.5A	-
F33	Right low beam fuse	7.5A	-
F34	Left high beam fuse	7.5A	-
F35	Right high beam fuse	7.5A	-
SB1	EHB B+ fuse	60A	-
SB2	Front blower fuse	40A	-
SB6	EHB B+ fuse	60A	-
F36	Start feedback fuse	10A	-

Layout of interior fuse box



No.	Name	Rated current (A)	Notes
FS02	ESCL fuse	10A	-
FS03	Wireless charging fuse	10A	-
FS04	Diagnosis fuse	10A	-
FS05	Exterior light fuse	20A	-
FS06	Instrument cluster fuse	10A	-
FS07	Interior roof light fuse	10A	-
FS08	Sunroof fuse	20A	-
FS09	Seat heater fuse	20A	-
FS10	Audio head unit fuse	15A	-
FS11	A/C controller fuse	10A	-
FS12	Front washer fuse	10A	-
FS13	Airbag fuse	10A	-
FS14	A/C system fuse	7.5A	-
FS15	Instrument cluster fuse	7.5A	-
FS16	Engine compartment ICN1 fuse	15A	-
FS17	Roof ICN2 fuse	7.5A	-
FS18	Instrument panel ICN2 fuse	7.5A	-
FS19	Backlight fuse	5A	-
FS20	Front right and rear left position light fuse	10A	-
FS21	Front left and rear right position light fuse	10A	-
FS23	12V power supply fuse	15A	-
FS24	USB power supply fuse	10A	-
FS25	Instrument panel ACC fuse	10A	-
FS26	Blower signal feedback fuse	5A	-
FS27	Panoramic view fuse	5A	-
FS28	A/C controller fuse	7.5A	-

SB01	Ignition switch fuse	30A	-
SB02	Door lock fuse	20A	-
SB03	Left door control module fuse	30A	-
SB04	Right door control module fuse	30A	-
SB05	Power seat fuse	25A	-
SB06	Rear defroster fuse	25A	-
SB07	Front and rear wiper fuse	20A	-
SB08	EPB controller fuse	30A	-
SB09	EPB controller fuse	30A	-

Vehicle towing

Front towing point

Rear towing point

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.

Towing method

Flatbed device

Vehicles can be loaded on trucks, which is the best way to transport vehicles.

Wheel lifting device

The tractor inserts two supporting arms into the bottom of the front wheels of the vehicle to lift the wheels off the ground, and the rear wheels are still on 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.

If the body is equipped with a front spoiler, remove it before towing to avoid damage. 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.

If all-wheel landing traction is adopted, a device that is reasonably designed and attached with a towing bar must be used. Turn the Start/Stop switch to the ACC gear to unlock the steering wheel, and turn the gearshift lever to N gear.

If it is impossible to shift gears or start the vehicle, only the front wheels can be towed off the ground.

Towing mode*

When the vehicle is turned to OFF position, if non-parking function is needed, the following two ways can be used to achieve.

Method I

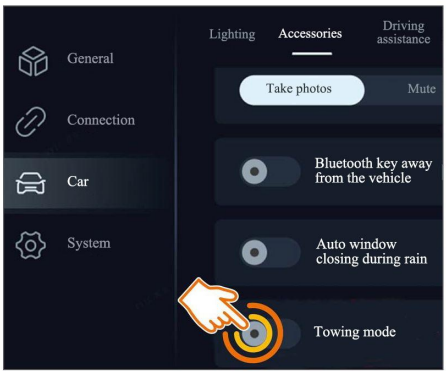
The vehicle equipped with the EPB switch can enter towing mode by carrying out the following operations not in OFF position:

1. Depress the brake pedal and turn the gearshift lever to N gear;

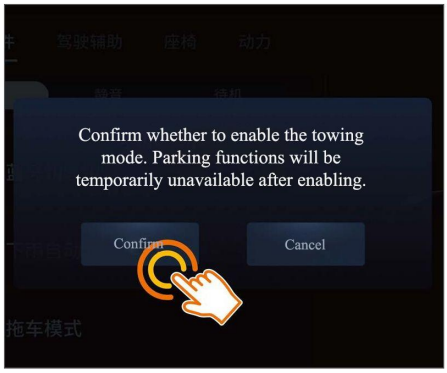
2. Press the EPB switch for more than 3 seconds before releasing it.

Method II

Enter the towing mode through the towing mode soft switch on the IVI system.



Depress the brake pedal and shift the gear lever to N, then tap [Settings] - [Vehicle] - [Accessories] - [Towing mode] on the display screen to enter the interface for confirming whether to enable the towing mode.



Click [Confirm] to enter the towing mode.

Attention

- When the vehicle is pulled through the conveyor type automatic car washer, it must be in the towing mode without anyone inside the vehicle.
- The towing mode will also be used for towing and battery pack replacement.
- Turning to OFF position again after the start of the vehicle will trigger the automatic clamping function of the EPB switch.

Exit towing mode

Long press the P gear button for 3 seconds or press the soft switch on the display screen to exit the towing mode.

Jump start

If the vehicle cannot be started due to insufficient 12V low-voltage battery, jumper cables can be used to start the vehicle with the help of the 12V low-voltage battery on other vehicles. Jumpering is dangerous and should be operated with caution.

Operation steps

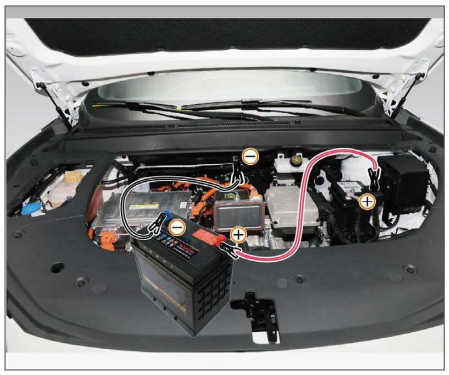
1. Open the engine hood.

2. Turn off all electrical accessories, switch to N position, and pull up the EPB switch.

3. Connect the positive clip of jumper cable to the positive (+) terminal of 12V low-voltage battery on this vehicle.

4. Connect the clip at the other end of the positive cable to the positive (+) terminal of the battery of the rescue vehicle.

5. Connect the negative cable clip to the negative (-) terminal of the battery of the rescue vehicle.



6. As shown in the figure, avoid the 12 V low-voltage battery and moving parts, and connect the clip on the other end of the negative cable to a solid, fixed, unpainted metal part of the host vehicle.

7. Start the rescue vehicle and hold it for about 5 minutes to charge the 12V low-voltage battery of the vehicle.

8. Start the host vehicle and keep it in the state of ON position.

9. 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.

⚠Warning

When jumper start 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 instrument cluster illuminates, check as per the following steps immediately:

1. Stop the vehicle to roadside safely, turn the gearshift lever to N gear, pull up the EPB switch, turn off all electrical accessories and turn on the hazard warning light.

2. If the drive motor overheats due to overload, it will cool down immediately after the vehicle is stopped. 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 expansion tank hose broken. At this time, the components are in a scorching state, so please be careful. If any leakage is found, please contact the authorized service station of Dongfeng Forthing as soon as possible.

4. If no obvious leakage is found, check the coolant level in the 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 knob to the maximum temperature and the A/C air volume adjustment knob 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 reservoir cover.

⚠Warning

If the expansion tank cover is taken out when the drive motor is very hot, the coolant will erupt, causing severe scald. Be sure to remove the expansion tank cover after the drive motor cools down.

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 left side of the front windshield.

3. It is pasted on the instrument panel body assembly.

4. It is pasted on the inside of the storage box.

5. It is pasted on the surface of the right B-pillar inner panel.

6. It is pasted on the surface of A-pillar inner panel of front right wall.

7. It is pasted on the surface of the inner panel of the front hood.

8. It is pasted on the surface of the trunk lid inner panel.

9. It is pasted on the surface of the motor powertrain.

10. Use the OBD II scan tool to read the vehicle VIN information through the OBD diagnostic interface.

Attention

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.

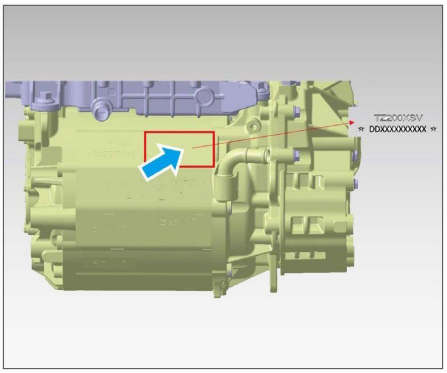
Vehicle factory nameplate

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. Vehicle identification number (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. Seating capacity
11. Manufacturing date

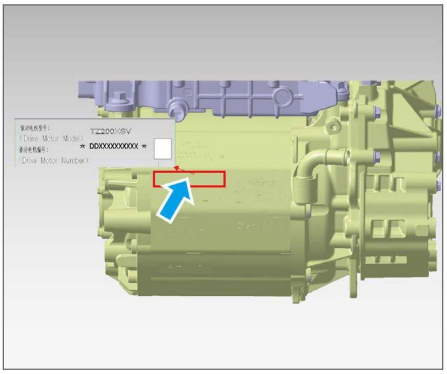
Drive motor information

Drive motor steel code for 430/630 range model



The drive motor steel code is located on the front right side of the motor housing.

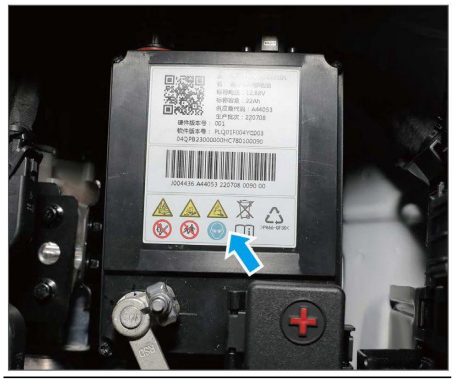
Drive motor steel code and flexible label for 410 range model



The drive motor flexible label is located on the front left side of the motor housing. The information content consistent with drive motor steel code is used to assist vehicle licensing.

Safety warning sign

12V low-voltage battery warning sign



The battery warning mark is stuck to the surface of the battery. Remind you to keep the battery away from heat sources and open flames, and keep it ventilated during charging and use to prevent accidents.

Radiator warning label

The radiator warning label and the A/C refrigerant label are pasted above the inner side of the 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.

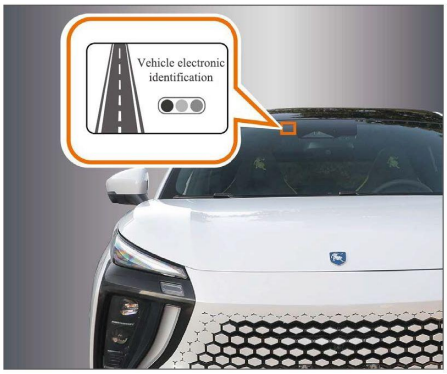
Microwave window

Definition of microwave window

A reserved area on the front windshield of the vehicle that allows the transmission of radio frequency signals is used for pasting the vehicle electronic identification.

Pasting position of vehicle electronic identification

The front windshield of this vehicle is made of ordinary laminated glass, so there is no need to open a separate microwave window. The vehicle electronic identification must be attached within the square area shown in the figure below.



Attention

- 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.

Main dimensional parameters of vehicle

Item	Unit	LZ6460XPD0EV/LZ6460XLD0EV/LZ6460XPF0EV
Vehicle length	mm	4600
Vehicle width	mm	1860
Vehicle height	mm	1680
Front wheel tread	mm	1590
Rear wheel tread	mm	1595
Wheelbase	mm	2715

Vehicle mass parameters

Item	Unit	LZ6460XPD0EV	LZ6460XPF0EV	LZ6460XLD0EV
Seating capacity	Persons	5	5	5
Curb mass	kg	1900	1900	1660
Front axle curb mass	kg	1040	1040	920
Rear axle curb mass	kg	860	860	740
Maximum mass	kg	2275	2275	2035
Maximum mass of front axle	kg	1215	1215	1043
Maximum mass of rear axle	kg	1060	1060	992

Drive motor parameters

Item	Unit	Parameters	
Model of drive motor	-	TZ200XSV	TZ180XSX5G
Type	-	Permanent magnet synchronous motor	Permanent magnet synchronous motor
Rated power	kW	80	50
Peak power	kW	150	120
Rated speed	rpm	5457	4775
Maximum speed	rpm	16000	15500
Rated torque	N·m	140	100
Maximum torque	N·m	340	240
IP rating	-	IP67	IP67

Traction battery parameters

Vehicle model		LZ6460XPD0EV	LZ6460XLD0EV	LZ6460XPF0EV
Battery pack model		TP Li 57.8-342	TP Li 49.2-367	TP Li 85.9-352
Power supply system	Battery type	Lithium iron phosphate battery		Ternary lithium battery
	Voltage (V)	342	367	352
	Energy (kWh)	57.859	49.274	85.966
Cooling method		Liquid cooling		

Chassis main assembly

Suspension system	Front suspension	MacPherson independent suspension
	Rear suspension	Multi-link independent rear suspension
Steering system	Power steering type	Electric steering
Brake system	Structural type	"X" type double-line hydraulic layout type
	Front brake	Disc brake
	Rear brake	Disc brake
	Brake pedal travel	1mm ～ 12mm

Reasonable service range of brake

Front wheel brake disc	Setting value (mm)	28
	Service limit (mm)	26
Front wheel brake pad	Setting value (mm)	10
	Service limit (mm)	2
Rear wheel brake disc	Setting value (mm)	14
	Service limit (mm)	12
Rear wheel brake pad	Setting value (mm)	10.2
	Service limit (mm)	2
Parking brake shoe	Setting value (mm)	/
	Service limit (mm)	/

Vehicle power performance

Item	Unit	LZ6460XPD0EV/LZ6460XLD0EV/LZ6460XPF0EV
Maximum speed	km/h	180
Maximum gradeability	-	> 30%

Vehicle trafficability

Item	Unit	LZ6460XPD0EV/LZ6460XLD0EV/LZ6460XPF0EV
Approach angle (no load)		17
Departure angle (no load)		24
Minimum turning diameter	m	11.8
Minimum ground clearance	mm	175

Fluid list

Item	Specification	Filling amount
Reducer lubricating oil (630/430 range)	Castrol BOT 384	1.3±0.05L
Reducer lubricating oil (410 range)	Castrol BOT 384	0.8±0.1L
Three-in-one coolant (630/430 range)	OAT-35	4L
Six-in-one coolant (410 range)	OAT-35	4.8L
Traction battery coolant (630/430 range)	OAT-35	6L
Traction battery coolant (410 range)	OAT-35	5.9L
Brake fluid	DOT4	0.7±0.1L
Windshield washer fluid	NFC-60	2.0L
A/C refrigerant (630/430 range)	HFC134a	Heat pump: 750±20 g Non-heat pump: 600±20 g
A/C refrigerant (410 range)	HFC134a	500±20g

Wheel alignment parameters

Item		Parameters
Front wheel toe-in	Front wheel	0.08° ±0.04°
	Rear Wheel	0.08° ±0.08°
Wheel camber angle	Front wheel	-0.3° ±0.5°
	Rear Wheel	-0.86° ±0.5°
Kingpin caster angle	Front wheel	6.01° ±0.5°
Kingpin inclination angle	Front wheel	13.29° ±0.5°

Tire specification

Item	Parameters	
Tire specification	235/60 R18	235/55 R19
Wheel trim specification	18×6.5J	19×7J
Tire pressure	230kPa	230kPa

(*Note: The specification of 235/60 R18 tires are equipped for specific models.)