



# FRIDAY 使用手册

## FRIDAY User Manual

英语  
English  
欧标



Dear user:

Congratulations on owning a popular Friday car, and thank you for your trust in Dongfeng Forthing brand. This manual introduces the information about safe driving, equipment operation and vehicle maintenance of Friday Cars, which will help you use the vehicle correctly and make you really feel the driving pleasure of Friday Cars.

The catalogue and vehicle diagram in this manual can help you quickly understand your vehicle. The following 11 chapters introduce the usage of various facilities of vehicles in detail. Before using the vehicle, please carefully read the accompanying materials. The information provided by these materials is very important to ensure the safety of driving and property. Please strictly observe and properly keep them.

When reading this manual, you will find that it is marked with "Caution", "Warning" and other signs and instructions. These instructions help to ensure the safety of people, vehicles and property. Please strictly follow them.

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

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Technical update description: The Internet of Vehicles and electronic technology products are updated rapidly. To ensure the user experience, please upgrade in time.

If you need to inquire about Friday Cars, please log in to our Internet website:

<https://www.forthingmotor.com/>(Official website)

Have a nice trip!

Dongfeng Liuzhou Automobile Co., Ltd

October, 2022

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




### Configuration Description


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


Safety instructions

Safety sign -- pasted on the vehicle.

Safety notice -- marked with danger warning symbol and three words: "Danger", "Warning" or "Caution". The meaning of these words is:

 Hazards are used to indicate hazards that may result in serious personal injury or death.

 Warnings are used to indicate hazards that may cause personal injury or other damage.

 Attention is used to indicate hazards that may cause minor personal injury or vehicle damage.



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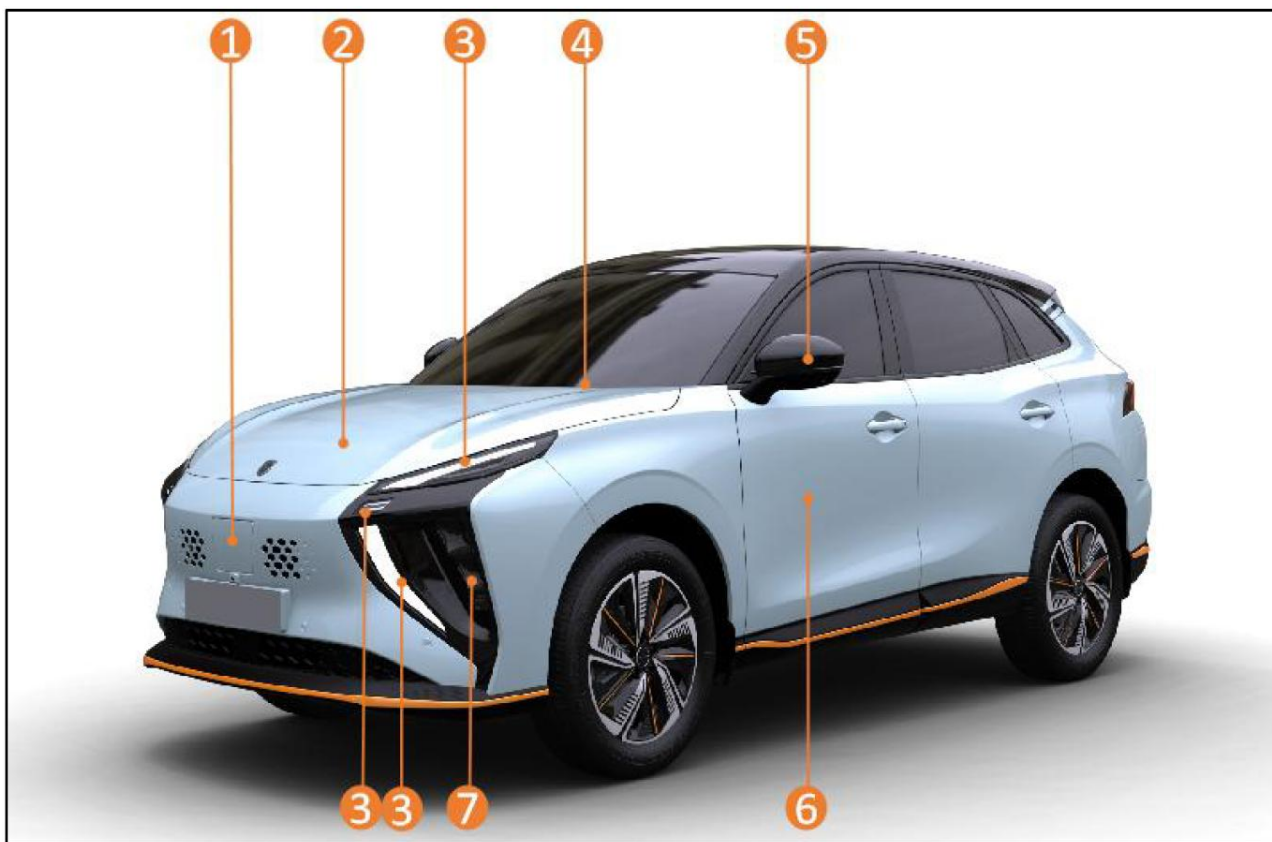
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## Outside the vehicle

### Front of vehicle

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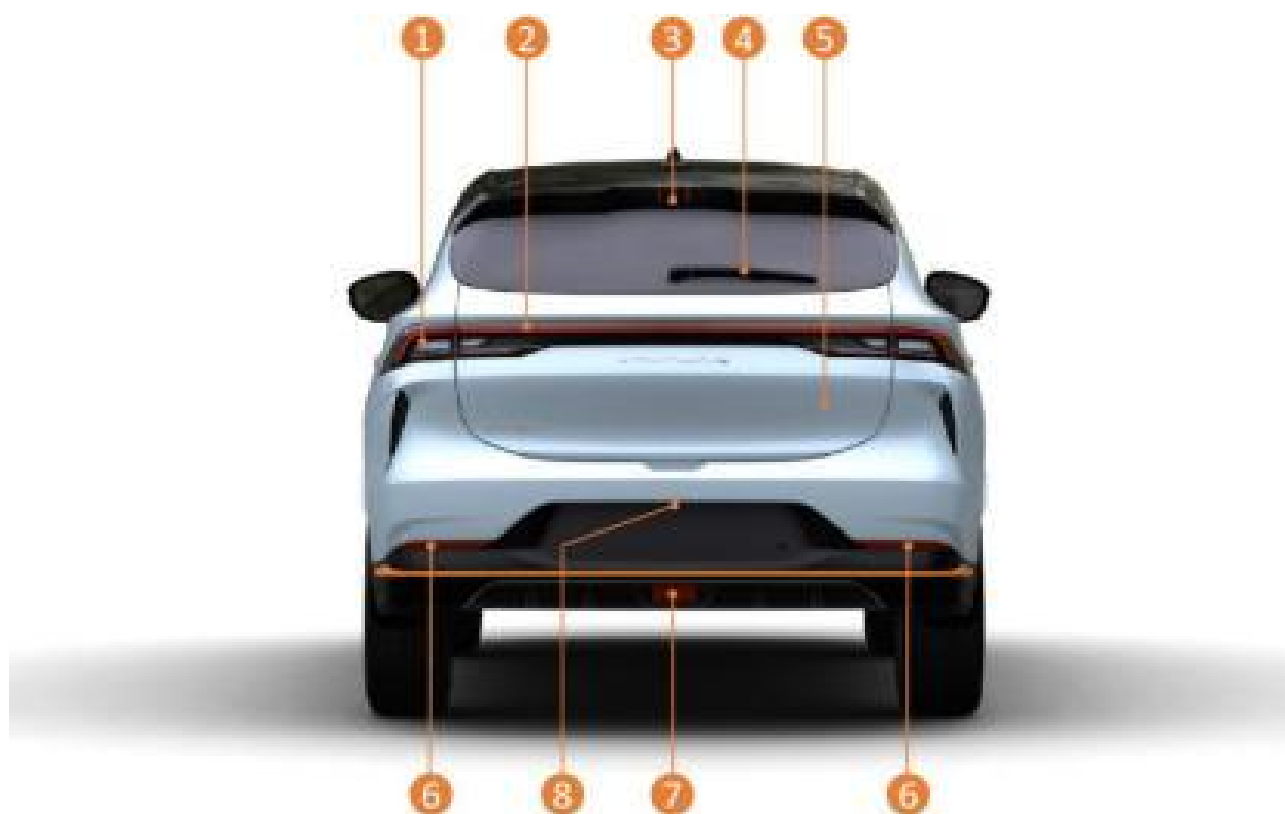


- |  |                       |
|--|-----------------------|
| 1. Charging interface                                    | 5. Rear mirror        |
| 2. Engine hood   | 6. Door               |
| 3. Front turn light/daytime running light/position light | 7. Low beam/high beam |
| 4. Front wiper   |                       |



## Rear of vehicle

01



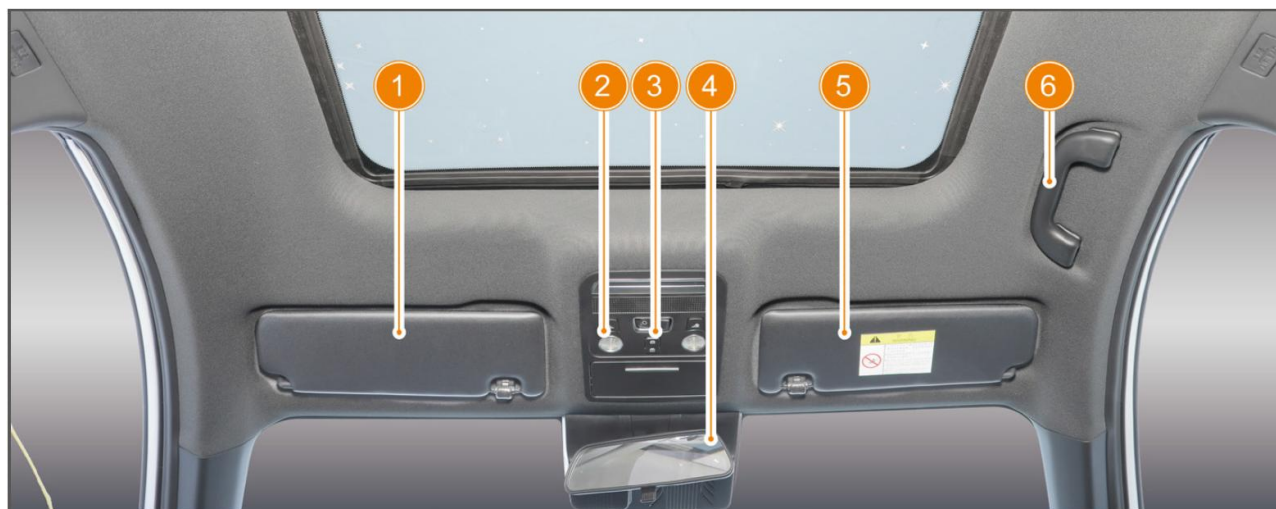
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|--|-----------------------|
| 1. Turn light/position light/brake light   | 5. Back door          |
| 2. Reverse light/position light/turn light | 6. Reflex reflector   |
| 3. High mounted brake lamp                 | 7. Rear fog lamp      |
| 4. Rear wiper                              | 8. License plate lamp |



## Inside

### Interior top

01

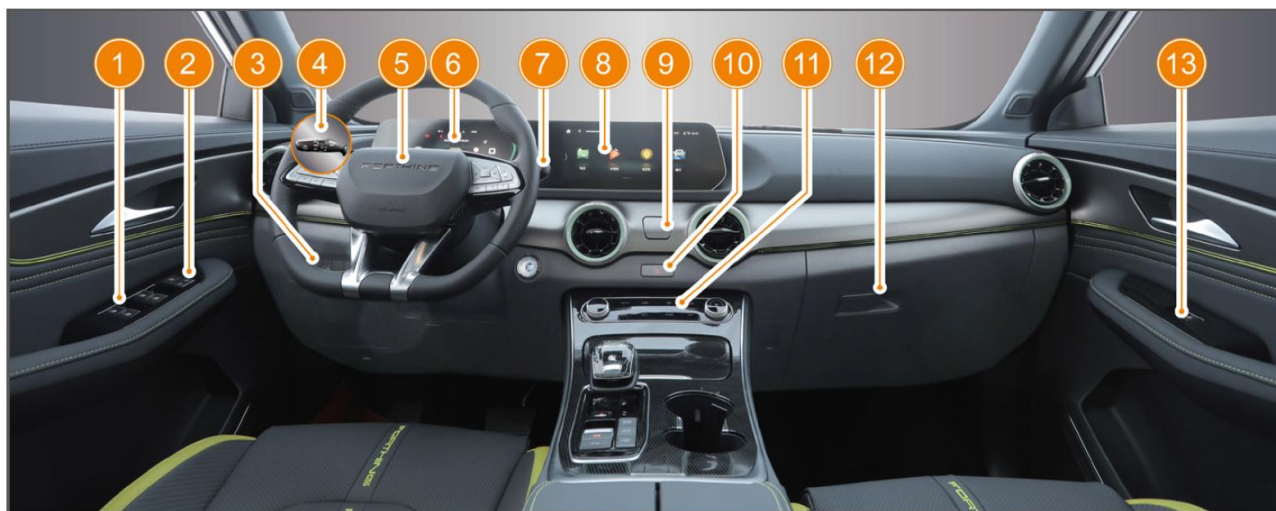


- |                                     |                              |
|-------------------------------------|------------------------------|
| 1. Left sun visor                   | 4. Interior rear-view mirror |
| 2. Front interior lamp              | 5. Right sun visor           |
| 3. Sunroof/sun blind control button | 6. Top handle                |



### Instrument panel

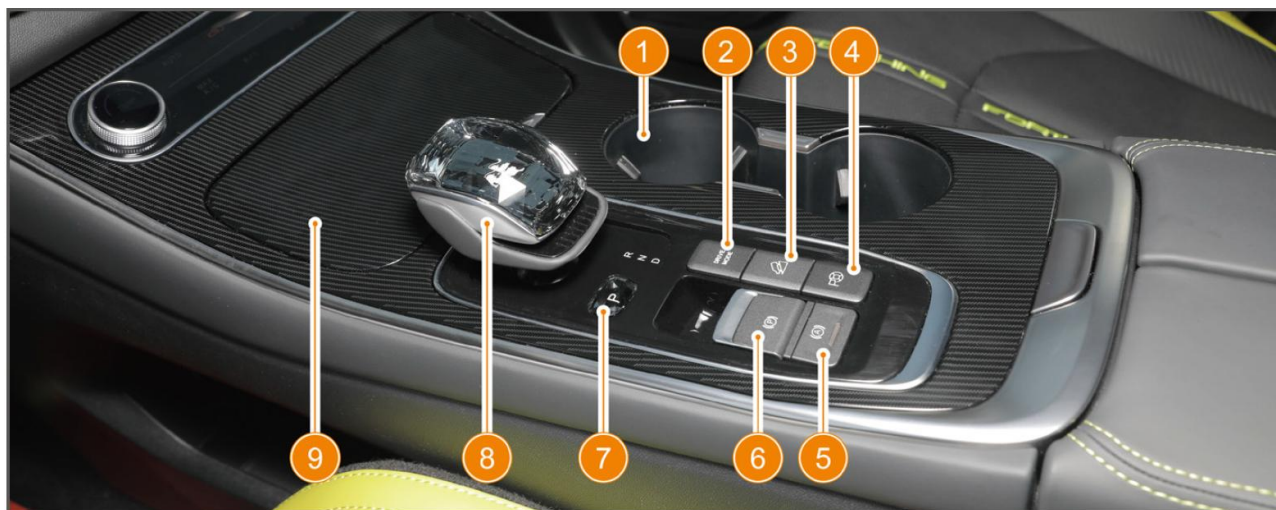
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- |                                 |                                    |
|---------------------------------|------------------------------------|
| 1. Driver side window switch    | 8. Display screen                  |
| 2. Central control button       | 9. Mobile phone bracket interface  |
| 3. Instrument panel switch pack | 10. Hazard warning switch          |
| 4. Light control handle         | 11. Air conditioning control panel |
| 5. Steering wheel               | 12. Glove box 13.                  |
| 6. Combination instrument       | 13. Front passenger window switch  |
| 7. Wiper control handle         |                                    |



## Auxiliary instrument panel



- |                                      |  |
|--------------------------------------|--|
| 1. Front passenger cup holder        | 6. Parking brake (EPB) switch                              |
| 2. Driving mode button               | 7. P gear key  |
| 3. Hill Descent Control (HDC) switch | 8. Shift lever   |
| 4. Parking switch*                   | 9. Upper storage compartment of auxiliary instrument panel |
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## Power battery

### Long-term parking

If you need to park your vehicle for a long time, you should make the following preparations. Proper preparation helps to prevent the deterioration of the vehicle condition and makes it easy to restart the vehicle. If possible, please park your car indoors.

1. Long-term storage of the vehicle power battery in the state of insufficient power will cause irreparable damage to the power battery. Therefore, when the vehicle is not in use for a long time, please fully charge it before storing it, and it is recommended to discharge it at least once every three months to below 50% and recharge it to 100%.

2. Clean the interior of the vehicle to ensure that carpets, mats, etc. are completely dry.

3. Block the rear wheels with obstacles to prevent them from slipping back.

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

5. Pad the wiper with towel or cloth so that it doesn't contact with the front windshield.

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

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



#### Notes

If the vehicle is parked for one year or more, the vehicle may be unable to start or the maneuverability becomes worse. At this time, contact Dongfeng Forthing Special Service Station as soon as possible.

### Power battery overheating

If the power system fault warning light on the instrument cluster lights up, check it immediately according to the following steps:

1. Park the vehicle to the side of the road safely, put it in P gear, pull up the EPB switch, turn off all electrical switches and turn on the hazard warning lights.

2. If the power battery is overheated due to overload, the power battery will start to cool immediately after the vehicle stops. At this time, you should wait until the power system fault warning light goes out before continuing driving.

3. Check whether there is obvious coolant leakage, such as the hose of expansion water tank is broken. At this time, all parts are in a hot state. Please be careful. If leakage is found, please contact Dongfeng Forthing Special Service Station as soon as possible.

4. If no obvious leakage is found, check the coolant level in the liquid storage tank. If the liquid level is lower than the lower limit (MIN) mark or there is no coolant, add the coolant in time to keep the coolant level between the upper limit and the lower limit scale line, and replace and tighten the cap of the liquid storage tank.

5. Check whether the air conditioning system is working properly. If the air conditioning system is not working properly, please contact Dongfeng Forthing Special Service Station as soon as possible.

### Power battery recovery

According to the relevant regulations. When the owners of new energy vehicles need to repair and replace the power batteries, they should send the new energy vehicles to the after-sales service institutions with corresponding capabilities to repair and replace the power batteries. When the new energy vehicle meets the scrapping requirements, it should be sent to the scrapping vehicle recycling and dismantling enterprise to dismantle the power battery. The owner of the new energy vehicle should hand over the waste power battery to the recycling service network. If the waste power battery is handed over to other units or individuals, and the power battery is dismantled and disassembled privately, which leads to environmental pollution or safety accidents, the bank shall bear the corresponding responsibilities. Please refer to the official website of Dongfeng Forthing: <http://www.fxauto.com.cn/> for specific recycling details.



## Charging precautions

1. After charging, please make sure that the protective cover of the charging interface is closed. If only the charging cover is closed, but the charging protective cover is not closed, it may cause water or foreign substances to enter the charging connector, which may result in no charging.

2. When the power battery is charging, do not try to jump start on the 12V low-voltage battery, which may damage the vehicle or charging equipment, and may cause personal injury. Please refer to the chapter "jump start" in Chapter 10 "Emergency Self-help Treatment" for the specific method of jump start.

3. Do not insert anything other than the charging plug into the charging interface, which may damage the charging interface.

4. Before connecting to the on-board charging gun or AC charging pile, make sure to use a dedicated charging power supply. It is forbidden to connect the on-board charging gun with the plug-in strip or the adapter from 10A to 16A for charging.

5. Charging temperature range of power battery: -20℃~45℃.

6. The temperature of the power battery is not equal to the ambient temperature, and the temperature of the power battery is basically consistent with the ambient temperature only when it is left in the environment for about 12 ~ 18h hours in a standing state.

7. The power battery uses 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 power battery at low temperature is likely to lead to its service life attenuation, and there are potential safety hazards. It is recommended to charge at a temperature above 0℃ as much as possible.

8. During vehicle charging, if the ambient temperature is low, the power battery heating system will be turned on, and the text of the instrument cluster will be displayed. [Battery pack heating], when the power battery temperature reaches the specified temperature, the text prompt goes out.

9. When the vehicle is in use, if the ambient temperature is low, the heating function of the power battery is turned on. When the temperature of the power battery reaches the specified temperature, the heating function of the power battery stops. If the vehicle is in the charging state and the heating function of the power battery is turned on, the vehicle combination instrument will display the prompt text [Battery pack heating], and the prompt will disappear after the heating is completed.

10. The vehicle is slowly charged in a low temperature environment, and the heating system of the power battery is turned on, so the charging power is too low, and the air conditioning system will not be used.

11. When the temperature is lower than 0℃, please try to charge the vehicle immediately after it stops running.

12. When the temperature of the power battery is high during charging, the vehicle will start the cooling system to cool the power battery. During the cooling process, the vehicle will give priority to the external power supply to cool the power battery, so it is normal that the power battery will not increase or increase slowly. When the power of the external power supply is insufficient, the vehicle will use the power battery and the external power supply to cool the power battery at the same time, and the power of the power battery will first decrease and then increase, which is a normal phenomenon.

13. Do not open or close the engine room cover when the charging cover is open.

14. This vehicle is a new energy vehicle, which needs electric power to operate, and the power battery is the only power source for operating the vehicle.

15. The complete exhaustion of the power battery will cause damage to the power battery. Please charge it in time when the vehicle prompts that the power battery is too low. When the charging reminder indicator on the instrument cluster lights up, please immediately stop using the vehicle and charge it in time.

16. The chemical characteristics of power battery determine that its performance will decrease with the increase of cycle times. To slow down the attenuation of the power battery, please use slow



charging as much as possible, and the vehicle will appropriately reduce the maximum fast charging current according to the performance of the power battery.





## Notes

To prevent the vehicle charging equipment from being damaged, please observe the following requirements:

- Do not close the charging port cover without closing the charging port cover.
- Do not collide with any charging equipment.
- Do not drag the charging gun and charging cable.
- Do not store or use the charging equipment at a temperature higher than 50°C.
- Do not place the charging equipment near the heater or other heat source.
- Do not use a DC charging pile to charge with other vehicles at the same time.
- Do not drive a vehicle that is not equipped with a power battery heating system to an area below 0°C.
- Do not insert AC charging gun and DC charging gun for charging at the same time.

After charging, do not pull out the charging gun when it is not unlocked, to prevent from getting stuck and cant pull out.



## Warning

- If you have used medical equipment (for example, implanted pacemaker or implanted cardioverter defibrillator), before starting the charging operation, you must first check whether it will affect the medical equipment by the equipment manufacturer before using it.
- When the power battery is charged, the wrong operation may cause safety accidents such as short circuit, electric shock, fire, etc., which may endanger personal safety when it is too heavy.
- Do not touch the metal objects of the charging interface, charging plug or power plug.
- Do not use extension cable or electrical plug adapter.
- Do not disassemble or change the charging interface, on-board charging gun, on-board discharging gun and AC charging pile.
- Do not use charging guns, AC charging piles or DC charging piles that do not meet the requirements of national standards for charging.
- When the temperature of the power battery is low, it may not be able to charge at full power in the initial charging stage, and the charging power will also increase with the increase of the temperature of the power battery.
- When the weather is cold, try to choose warmer places such as the basement when charging, which can shorten the charging time.
- When the external power grid is powered off for a short time, the charging equipment will automatically restart charging (the restart charging time may be extended). In case of multiple power outages, please stop charging and check whether the power supply is normal.



- When the vehicle is charging, if the power grid fluctuates greatly, the charging power will fluctuate, and the charging may even be suspended.
- When the power battery is fully charged, the system will automatically stop charging.
- When using portable household AC charging gun, pull out the AC charging gun before disconnecting the power plug when stopping charging.
- During charging, the cooling fan may be started at any time. Do not let your hands, hair, jewelry or clothes touch the cooling fan.
- It is forbidden to charge in the open air in thunderstorm weather. Because lightning shock may cause damage to charging equipment, and soaking in heavy rain may also cause damage to power battery due to short circuit.
- If you notice an irritating odor or see smoke coming out of the vehicle, please stop charging or discharging immediately and get away from the vehicle quickly. • 充电前请确认充电接口、充电插头
- Before charging, please make sure that there is no water or foreign matter in the charging interface, charging plug or power plug, and that the charging equipment is not damaged or corroded. If any situation is found, please 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 electricity contact.
- Before starting the vehicle, please ensure that the charging plug has been removed from the charging interface.

## Introduction of on-board charging and discharging equipment

### On-board charging connection equipment\*



1. Power plug of on-board charging gun
2. On-board charging gun shield
3. On-board charging gun release button
4. Charging gun

### Charging gun indicator

Gun charging indicator can reflect the current charging information through different display states.

The status of indicator lights is shown in the following table:





## Charging indicator display mode:

Initial state Waiting for connection	(blue-green-blue-red) light/off sequence flashes for 1s.
Gun insertion is normal. Normal charging	The blue light is always on and the green/red light is off.
End of charging	The blue light flashes and the green/red light goes out.
Initial state	The green light flashes (light flashes regularly) and the red/blue light goes out.
Waiting for connection	The green light is always on, and the red/blue light is off.

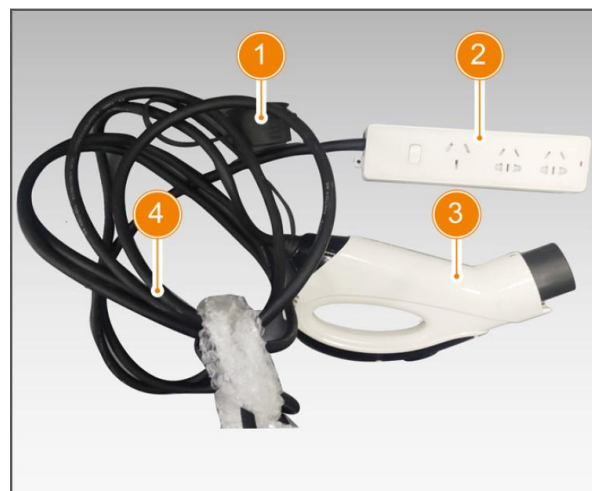
## Trouble table:

Ungrounded	Charging is allowed, and the red light is always on
Power-on selftest failed.	No charging, red light once, stop for 3s and cycle.
CP communication signal is abnormal	No charging, red light on twice, stop for 3s, cycle.
Overvoltage/und ervoltage protection	No charging, red light is on for 3 times, stop for 3 seconds and cycle.
Overcurrent protection	No charging, red light on 4 times, stop for 3s, cycle.
Leakage protecti on	No charging, red light is on for 5 times, stop for 3s, and cycle.
Control panel overtemperature	No charging, red light 6 times, stop for 3s, cycle.



Due to different vehicle configurations, the instruction of the indicator light of the on-board charging gun is subject to the instruction manual of the equipment.

## On-board discharge connection equipment\*



1. On-board discharge gun shield
2. 220V output plug-in
3. Dischargegun
4. Discharge gun cable



## Charging interface

### AC charging interface



The AC charging interface is located at the front face of the vehicle. Above is the AC interface, and below is the DC interface.

### Opening and closing of AC charging cover



#### Open

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

#### Close

After charging, pull out the AC charging gun, cover the protective cover of the charging interface, press the front side of the AC charging cover, and close and lock the AC charging cover.

### AC charging interface lock

If the AC charging interface is locked, stop charging, and the charging gun and AC charging interface will change from locked state to unlocked state. At this time, the charging gun can be pulled out normally.

### DC charging interface

The DC charging interface is located at the front face of the vehicle. Above is the AC interface, and below is the DC interface.

### Opening and closing of DC charging cover

#### Open

When the vehicle needs to be charged, press the front side of the DC charging cover to open the charging cover, pull out the protective cover of the DC charging interface, and connect the charging connection device with the charging interface.



## Close

After charging, pull out the DC charging gun, cover the protective cover of the charging interface, press the front side of the DC charging cover, and close and lock the DC charging cover.

### DC charging interface lock

If the DC charging interface is locked, press the unlock key on the intelligent key, and the charging gun and DC charging interface will change from locked state to unlocked state. At this time, the charging gun can be pulled out normally.

## AC charging of household on-board charging gun

### Operating procedure\*



1. Set the gear position to p and pull up the EPB switch.

2. Before charging the vehicle, it is recommended to set the start switch to "OFF" and turn off the air conditioner.

If it is not placed in the "OFF" position, the following phenomena may be caused:

a) The vehicle can't sleep after charging.  
b) 2V low-voltage battery is seriously short of electricity.

c) The vehicle cannot be started and charged.

3. Open the AC charging cover and protective cover.

4. Take out the kit equipped with on-board charging equipment from the trunk of the vehicle, and take out the on-board charging gun from the kit.

5. Remove the shield from the plug of the on-board charging gun.

6. Check whether the three -pin socket of household power supply can be grounded.

7. When charging, the charging gun automatically locks. After charging, if you need to unplug the charging gun, stop charging first, and then unplug the charging gun after unlocking.

8. Install the shield of on-board charging gun, and unplug the plug of on-board charging gun from the power supply. And put the on-board charging gun back into the charging kit after winding it.

9. Place the charging kit at the specified position under the trunk lid to avoid its random movement with the vehicle bumping.

10. After charging, cover the protective cover of the charging interface, press the left side of the AC charging cover, and close the AC charging cover.

### Danger

When using household power supply for charging, the current of the selected socket and the adapter line shall not be lower than the rated current on the nameplate of the AC charging socket. Make sure the three-pin socket of household power supply is reliably grounded, otherwise there is a risk of electric shock.

## 16A Estimated charging time of household socket

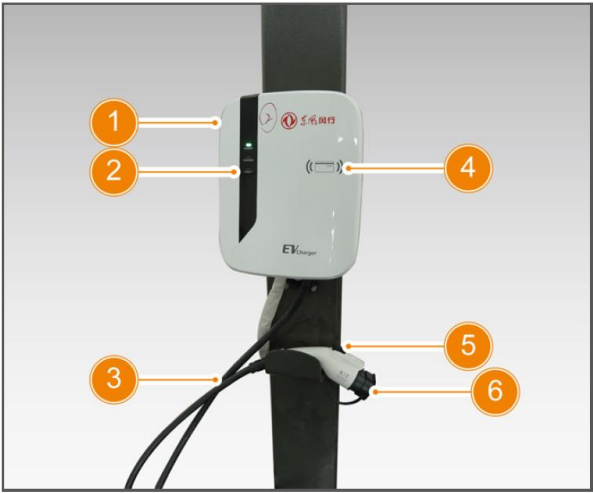
Power battery temperature	Estimated time
-20°C~0°C	About 35h
0°C~45°C	About 34h
45°C~60°C	About 35h

In order to ensure the best performance of the power battery, the charging system will automatically adjust the charging time according to the temperature change.



AC charging pile charging\*

Description of AC charging pile status indicator\*







- 1. Emergency switch
- 2. AC charging pile status indicator
- 3. Charging cable
- 4. AC charging pile body
- 5. Charging gun release button
- 6. Charging gun

Description of AC charging pile status indicator

power	charge	fault	condition
			Charging pile initialization setting
			After the initial setting of charging pile is completed, enter standby mode.
			Credit card authentication is successful, and the charging gun is not connected to the charging interface.
			Enter the charging program.
			External factors cause abnormal occurrence.
			The internal parts of the electric pile are damaged and made into abnormal state.
			The input ground wire is not connected.

symbol	definition
	Always bright
	Slow flashing (period =2000ms, distribution ratio =50%)
	Quick flashing (cycle =800ms, distribution ratio=50%)
	Lights off



number	LED signal	Operationsuggestion
1	 The green power indicator is not on.	Confirm whether the input voltage is normal. If the voltage is normal, turn off the power circuit breaker and turn it on again. If the problem has not been solved, please contact the customer service center.
2	 The green charging indicator is not on.	Confirm whether there will be two short tones 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. Within 30 seconds, if there is no other response, the card authentication fails. Please contact the customer service center.
3	 The red fault indicator flashes.	Please separate the charging gun from the vehicle charging interface.  If the problem is eliminated, please continue the charging process. If not, please contact the customer service center.
4	 The red fault indicator is always on.	Confirm whether the charging gun is separated from the vehicle charging interface. Restart the charging device. If the problem has not been solved, please contact the customer service center.



## Notes

Due to the different models of AC charging piles, the instructions of the status indicator of AC charging piles are subject to the instructions of the actual charging piles.

## Operating procedure\*

1. Set the gear position to p and pull up the EPB switch.

2. Before charging the vehicle, it is recommended to set the start switch to "OFF" and turn off the air conditioner.

If it is not placed in the "OFF" position, the following phenomena may be caused:

a) The vehicle can't enter the low power consumption state.after charging.

b) 2V low-voltage battery is seriously insufficient voltage.

c) The vehicle cannot be started and charged.

3. Open the AC charging cover andprotective cover.

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

5. Connect the charging gun plug to the AC charging interface on the car. If the connection is normal, the charging connection indicator on the instrument cluster is always on.

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

7. When charging, the charging gun automatically locks.

8. After charging, stop the charging function according to the operation steps and methods indicated on the AC charging pile. If you need to unplug the charging gun, please press the unlock key on the intelligent key first, and then unplug the charging gun after unlocking.

9. Turn off the power of the AC charging pile and put the charging gun on the AC charging pile back to the designatedposition.

10. After charging, cover the protective cover of the charging interface, press the left side of the AC charging cover, and close and lock the AC charging cover.



### Estimated charging time of AC charging pile

Power battery temperature	Estimated time
-20℃~0℃	About 15h
0℃~45℃	About 14h
45℃~60℃	About 15h

### 220V AC discharge\*

#### Operating procedure

1. Set the gear position to p and pull up the EPB switch.
2. Please make sure that the combination meter shows that the power battery is more than 30%.



#### Notes

When the power battery capacity is lower than 30%, it is forbidden to use AC discharge function.

3. Take out the on-board discharge gun from the trunk, and remove the discharge gun shield.
4. Open the AC charging cover and protective cover, and completely insert the tip of the discharge gun into the AC charging interface.
5. Press the switch on the strip to discharge.



#### Notes

When the vehicle is discharged for a period of time and the power battery is less than 30%, it will automatically stop discharging.

6. After the discharge, turn off the discharging electrical equipment, and press the strip switch to disconnect the power supply.
7. If the discharge gun is locked, press the release button on the discharge gun, unlock the discharge gun, and unplug the discharge gun from the AC charging interface.
8. Install the protective cover of the discharge gun, then put it back in the designated position of the trunk and fix it.

9. Cover the protective cover of the charging interface, press the left side of the AC charging cover, and close and lock the AC charging cover.



#### Notes

- The charging interface of 220v AC discharge is the same as that of AC slow charging, so the automatic locking and unlocking operation of discharge gun is the same as that of slow charging gun.
- When using the discharge gun for car-to- car charging, please use the on-board charging gun provided by Dongfeng Forthing. At this time, the grounding fault lamp of charging gun lights up, which is a normal phenomenon.



#### Warning

- Do not collide, drag and drop the discharge equipment and pull the discharge cable.
- Do not store or use discharge equipment in places with water or near heat sources.
- Please use the specified discharge equipment. If other discharge equipment is used, it may lead to safety accidents.
- Do not use the discharge equipment when the insulation layer is damaged or the plug strip is damaged.
- When using the AC discharge function, please use the discharge gun that meets the standards of IEC 61851-1, otherwise it may cause vehicle failure or safety accident.
- When using the AC discharge function, it is recommended to set the start switch to the "OFF" position and turn off the air conditioner.
- When using AC discharge function, the sum of electrical power should not exceed 3kw, otherwise it may cause safety accidents.



## Charging status indicator

Turn on the light mode switch. After the vehicle is unlocked, when the vehicle is charged, the lights outside the vehicle will flash in rhythm with the charging state.



Charging state	Lamp explanation
In charging	①③④light up regularly. ⑤lighting the background color, the highlight area at the left end lights up, and the highlight moves from the right end to the left end to the highlight area during charging.
Charging over	①②③④always bright.
Charging failure	②④⑤flashing

## DC charging pile charging

### Operating procedure\*



1. Set the gear position to p and pull up the EPB switch.

2. Before charging the vehicle, it is recommended to set the start switch to "OFF" and turn off the air conditioner.

If it is not placed in the "OFF" position, the following phenomena may be caused:

a) The vehicle can't enter the low power consumption state. after charging.

b) 2V low-voltage battery is seriously insufficient voltage.

c) The vehicle cannot be started and charged.

3. Open the DC charging cover and protective cover.

4. Plug the DC charging gun into the DC charging interface.

5. Carry out direct current charging according to the instructions of direct current charging pile.

6. After the vehicle is charged, the automatic control system of DC charging pile can automatically end this charging. You can also stop charging manually according to the operating instructions of the DC charging pile.

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



8. After charging, cover the protective cover of the charging interface, press the right side of the DC charging cover, and close the DC charging cover.

9. During the DC charging process, if the DC charging pile is abnormal and stops charging, the combination meter will display "charging pile fault". At this time, it is recommended to replace the charging pile for charging. If the charging pile fault is still displayed in the combination meter after different charging piles are replaced, it is recommended to contact Dongfeng Forthing Special Service Station to check the vehicle.



#### Notes

- It is recommended to use DC charging piles conforming to IEC 62196-3、DC CCS 2、DIN 70121、ISO/IEC15118 for DC charging, otherwise it may cause failure or fire, resulting in casualties.
- Before starting DC charging, please carefully read the operating instructions on the DC charging pile and use the DC charging pile in strict accordance with the operating instructions.
- It is strictly forbidden to unplug the DC charging gun at will during charging. If you need to stop charging, please strictly follow the operation instructions on the DC charging pile.
- After stopping charging, the DC charging pile will still run for a period of time and then pull out the DC charging gun

### Estimated charging time of DC charging pile

Under the premise that the DC charging pile power meets the demand, the time required for the power battery to charge to 80% is as follows:

Power battery temperature	Estimated time
-20℃~0℃	About 2.5h
0℃~15℃	About 2h
15℃~45℃	About 1 h
45℃~60℃	About 1.5h

During the charging process, the charging power will change due to the temperature rise and the unstable grid voltage, so the change of charging remaining time displayed by the combination meter is a normal phenomenon.

Vehicles are only allowed to use DC high-power charging to 80%. After reaching 80%, it takes about 60min for the vehicle-controlled DC charging pile to change from high-power charging to low-power charging to 100%. Therefore, the remaining charging time displayed by the combination meter is the estimated time in the table plus 60min.

### Battery heating in transit\*

When driving in cold weather to find fast pile filling, press [Reserve Battery Insulation] on the display about 1h in advance to turn on the heating function of the power battery in transit, and heat the power battery to the most suitable temperature range before charging, thus shortening the fast charging time.





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



## Notes

- When the vehicle is not started, the ambient temperature is higher than 19 °C, or the power battery of the instrument cluster is less than 20%, the in-transit heating function of the power battery cannot be turned on.
- After the heating function of the power battery is turned on for 2h, it will automatically turn off.

## Reserving charging

Enter the reservation interface.



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

## Make reservation settings.



1. Click [Scheduled Charging Settings] to turn on/off the scheduled charging function.

2. Click [Appointment Time], you can choose to open it every day or only once, and you can choose the charging time according to your needs.



## Notes

Scheduled charging will not be possible under any of the following conditions:

- AC charging gun is not inserted.
- The charging pile is not working (including power grid failure, charging pile failure, etc.).
- There is no charging fault in the vehicle.
- Insert DC and AC charging guns at the same time.



## Notes

- When the vehicle is charged in the reserved time period, if the charging gun is not pulled out but there is no alternating current, this reservation will be timed continuously.
- The start time of the scheduled charging setting cannot be earlier than the current time.
- When the 【Start-End Mode】 is used for reservation setting, if the start time and end time are set to the same, it means that the start time and end time interval are 24h.



## Reservation of power battery insulation

The reserved power battery insulation function can be turned on through the display screen. After the reserved power battery is fully charged in cold weather, the reserved power battery insulation function can be turned on about 1h before driving, which can heat the power battery temperature to a suitable temperature range and improve the cruising range of the whole vehicle.

Enter the reservation interface.



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

Make reservation settings.



1. Click [reserve battery insulation] to turn on/off the reserve power battery insulation function.
2. This function will give priority to using the electric energy of the charging pile to keep the power battery warm at low temperature, and improve the endurance of the power battery at low temperature, but it will increase the charging power consumption.
3. This function can be turned on every day or only once, and the heat preservation time can be selected as required.

### Notes

- If charging is currently in progress (not fully charged) and it is time to set the reserved power battery heat preservation time, it will automatically enter the power battery heat preservation after charging.
- After the thermal insulation function of the power battery is turned on for 1h, it will automatically turn off.



## Trouble shooting of charging

02

symptom	possible reasons	solution
Unable to charge or discharge 220V.	The vehicle is not in P gear.	Before charging, shift the gear to the P gear.
	The AC charging gun and the DC charging gun are connected at the same time.	You can't charge AC and DC at the same time, only one of them can be used.
	The charging device is not connected properly.	Check whether the charging equipment is properly connected and charged in the correct way.
	The temperature of the battery is too high or too low.	Check the power battery temperature to ensure that it is within the allowable range. If it is too hot or too cold, it should be cooled or heated before charging.
	12V battery voltage is too low.	If the voltage of 12V low-voltage battery is lower than 9V, it is necessary to charge the 12V low-voltage battery or jump-start the vehicle before charging. Please refer to the contents of "jump start" in Chapter 8 "Fault Emergency Treatment".
	The vehicle is faulty.	If the vehicle is in trouble, please first confirm whether the warning light on the instrument cluster lights up or indicates the charging failure. If a warning or a charging failure is displayed, stop charging and contact Dongfeng Forthi 37 pecial Service Station.
Unable to charge.	The power battery has been charged to the set charging amount.	If it has been charged to the set amount of electricity, it is impossible to continue charging. To continue charging, please reset it. The upper charge limit can be set in the multimedia display "Energy".
	The charging power supply is not grounded.	Check whether there are related fault displays. If the related faults are displayed, stop charging and contact Dongfeng Forthing Special Service Station.
	The charging power supply is not supplying power normally.	
	The 50Hz, 220V/230V power supply grid is not used.	
	The power of the battery is saturated.	Unplug the charging gun, start the vehicle, and check whether the vehicle charge indicator points to 100%. If it indicates 100%, the power battery is full, and the charging is stopped.
	Set the reservation charging.	Check whether the reservation charging is set and the reservation time has not arrived. If set, please turn off the reserved charging or wait for the reserved time. See "Pre -charge" in this chapter.
	Fast charging pile failure	Confirm whether the charging pile fault is indicated on the combination meter. If "charging pile fault" is displayed, it means that the fault is caused by the abnormality of the fast charging charging pile. It is recommended to replace the charging pile for charging. If the "charging pile is disabled" is still displayed after replacement, it is recommended to contact Dongfeng Forthing Special Service Station to check the vehicle.



symptom	possible reasons	solution
	Charging facilities do not meet the CCS2 standard requirements.	Use the charging gun equipped with the vehicle or the charging pile meeting the CCS2 standard requirements for charging.



symptom	possible reasons	solution
Unable to perform the scheduled charging function.	Charging gun not connected	Connect the charging gun in the correct way.
	The immediate charge switch has been pressed.	When immediate charging is selected, scheduled charging cannot be performed.
	No scheduled charging timer is set.	Set the schedule of scheduled charging timer. See "Booking Charge" in this chapter.
	The reservation charging function is not set correctly.	Please operate the reservation charging in the correct order. See "Booking Charging" in this chapter.
Halfway charging stop	The power has been disconnected.	Check whether the power supply is disconnected. If so, please connect the power supply and re-perform the charging step to charge it.
	The charging gun has been disconnected.	Check whether the charging gun has been disconnected. If it has been disconnected, please connect it and re-perform the charging step to charge it.
	The AC charging gun and the DC charging gun are connected at the same time.	AC charging and DC charging cannot be performed at the same time, only one of them can be used.
	Scheduled charging timing time has been reached.	When the scheduled charging is set and the scheduled charging end time has reached, the charging will stop even if the power battery is not fully charged.
	Power battery temperature is too high	Check the power battery temperature to ensure that it is within the allowable range. If it is overheated, please cool it for a while before recharging.
	The pause or stop button in the charging device has been pressed.	Check whether the pause key or stop key in the charging device is pressed. If pressed, the charging device needs to be started for recharging.
	The vehicle is faulty.	If the vehicle is in trouble, please first confirm whether the warning light on the instrument cluster lights up or indicates the charging failure. If a warning or a charging failure is displayed, stop charging and contact Dongfeng Forthing Special Service Station.
Halfway discharge stop *	The power has been disconnected.	Check whether the power supply is disconnected. If it is disconnected, please connect the power supply and perform the discharge step again to discharge.
	The discharge gun has been disconnected.	Check whether the discharge gun has been disconnected. If it has been disconnected, please connect it and perform the discharge step again to discharge.
	A discharge gun and a DC charging gun are connected at the same time.	You can't insert discharge gun and DC charging gun at the same time, only one of them can be used.
	Power battery temperature is too high.	Check the power battery temperature to ensure that the power battery temperature is within the allowable range. If it is overheated, please cool it for a while before discharging.
	The vehicle is faulty.	If the vehicle is in trouble, please confirm whether the warning light



		on the instrument cluster lights up or indicates the charging failure. If a warning or a charging failure is displayed, stop charging and contact Dongfeng Forthing Special Service Station.
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## Seat belt

### Precautions for seat belts

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



#### Notes

- Every passenger should wear a seat belt correctly when riding a vehicle. Only when the seat belt is worn correctly, the airbag can play a protective role and protect the safety of drivers and passengers to the maximum extent in accidents.
- When the vehicle is braked in an emergency, the seat belt will bind the driver and passenger to the seat to prevent the body from rushing forward, thus protecting the driver and passenger from secondary collision.
- When a child safety seat is placed on the seat or the passenger in the current seat is not suitable to wear the seat belt, it is only necessary to keep the seat belt in a normal recycling state.



#### Warning

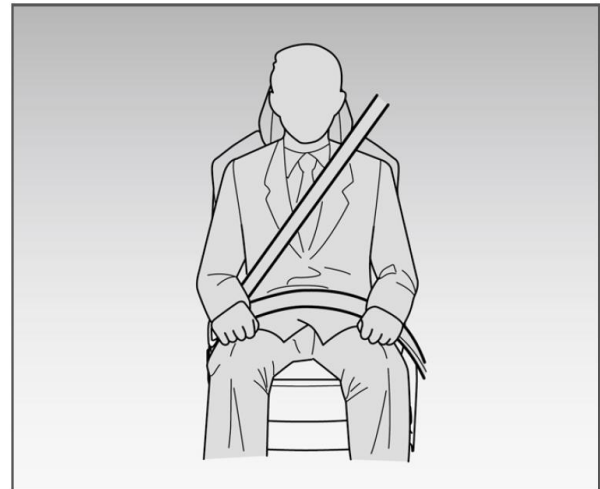
- Be sure to wear the seat belt correctly, and do not cross the lower abdomen; otherwise, the seat belt will be strongly pressed against the lower abdomen in case of an accident, which will increase the risk of injury.
- The shoulder seat belt should be adjusted to the most suitable position. Do not place the shoulder seat belt under the arm. The seat belt should be tightened as much as possible, otherwise it will reduce the efficacy and increase the risk of injury.
- Pregnant women, like other passengers, should also straddle the seat belt as low as possible over the hips, and the shoulder seat belt should be stretched obliquely along the shoulder completely, so as to avoid the seat belt from touching the swollen abdomen. If the seat belt is not fastened properly, it may cause injury to pregnant women and fetuses in case of emergency braking or collision.



#### Warning

- When children ride in vehicles, they must use appropriate protective devices, and children are forbidden to sit in the front seats.
- Each passenger is only allowed to use one seat belt. Do not hold babies or children in your arms, and then fasten your seat belt around them, which will cause serious injuries to passengers in accidents.

### Use seat belts correctly.



1. Stretch the shoulder seat belt and slant it across the whole shoulder, but don't touch the neck or slip off the shoulder.
2. The waist seat belt should straddle the hip as low as possible.
3. Adjust the position of the seat back to make it in a comfortable position.
4. Do not twist the seat belt.



### Fasten and loosen seatbelts.



1. Pull out the seat belt from the retractor and insert the locking tongue into the lock catch until you hear a "click", indicating that the seat belt is locked.
2. To unfasten the seat belt, press the release button on the lock catch.

### Seat belt shoulder strap height adjustment \*



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

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

### Seat belt pretensioner \*

When the vehicle is hit by some serious frontal or side impact, the seat belt pretensioner will automatically tighten, thus quickly protecting the driver and passengers.

#### Notes

In case of slight frontal collision, side collision, rear collision or rollover, the pretensioner may not be activated.

### Seat belt unfastened alarm

The vehicle is equipped with front seat belt without warning light. When it is detected that the front driver's seat belt is not fastened, the corresponding warning light on the combination meter will light up, and the buzzer will keep alarming until the front driver's seat belt is fastened.

### Seat belt retractor

Each seat belt is equipped with a belt retractor. During normal driving, the retractor keeps the seat belt in a certain tension, and drivers and passengers can still move freely on the seat. In case of emergency, the retractor will automatically tighten, fixing the driver's body on the seat to avoid being hurt. If you find that the locking function of the retractor is abnormal, please contact Dongfeng Forthing Special Service Station in time.

#### Warning

Users are not allowed to repair, adjust and disassemble seat belts and retractors by themselves. If you need to repair or replace them, please contact Dongfeng Forthing Special Service Station.



## Airbags

When a frontal or side-side collision occurs to a certain extent meeting deployed requirements, the airbag will be inflated and opened, reducing the impact injury to the head and chest of the driver and passenger.

### Precautions for using airbags



1. There is an airbag warning sign on the right sunshade. Do not place a rear-facing child car seat on a seat protected (activated) by an airbag. Otherwise in a collision accident, the inflated frontal airbag will hit the child with a huge force, causing serious injury.

2. Do not place any items on the instrument panel or stick them on the steering wheel decorative cover, etc., because when the airbag is deployed, these may be ejected, causing injury to the driver and passengers.

3. Do not hang hangers or other hard objects on the coat hook. When the side curtain airbags are deployed, these items may pop out and cause death or injury to passengers.

4. The temperature of the airbag is very high after deployment, do not touch any relevant parts immediately.

5. When the airbag is deployed, it will be accompanied by a loud sound, which may temporarily affect hearing.

6. If you feel difficult to breathe after the airbag deployment, open the doors or windows to ventilate, or leave the vehicle when it is safe, and rinse the residue on your body as soon as possible to avoid hurt the skin.

7. If the airbag is damaged or ruptured, please contact service station for replacement.

### Position and deployment of the airbags

#### Front airbags



1. Driver's side airbags

2. Co-pilot side airbags

Front airbags protect the head and chest of the driver and front passenger from interior components.

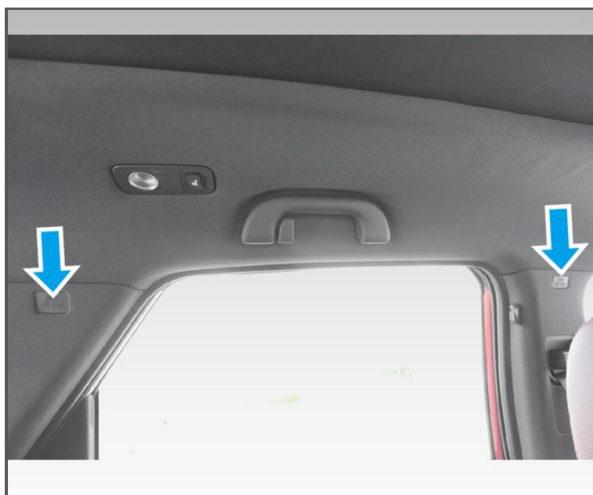


## Front side airbags\*



Front side airbags protect the body of the driver and front passenger from interior components.

## Side curtain airbags\*



Side curtain airbags protect the head of the driver, front passenger and rear outboard passenger.

## Warning

(Warning: Due to the considerable speed and force of the front side airbags and side curtain airbags when deployed, it is forbidden to bring the head close to the deployment area of those airbags when driving, otherwise personal injury may be incurred.)

## Deployment conditions of the front airbags

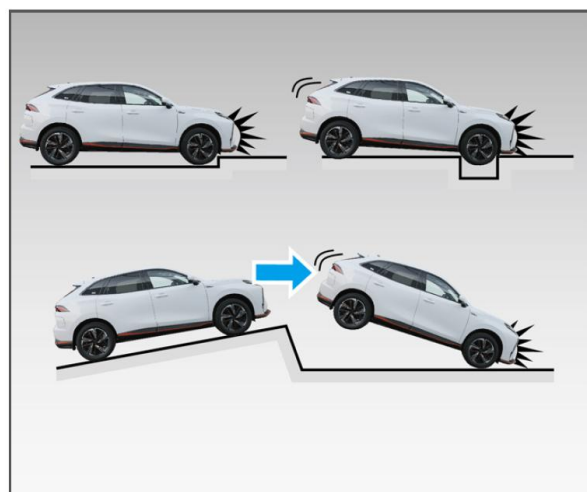
The front airbags deploy in the event of a frontal collision with a solid wall at speeds of 25km/h and above.

## Front side airbags and side curtain airbags deployment conditions\*

Front side airbags and side curtain airbags will deploy when the vehicle is involved in a moderate to severe side collision and the designed action value is reached

## Possible deployment (inflated) of front airbag (except for collision)

The front airbag can also be deployed if the vehicle undergoes a severe impact on the bottom. Some examples are shown in the illustration.

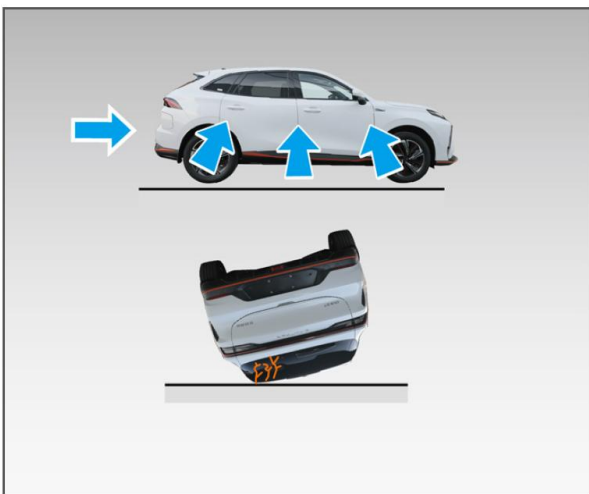




1. Hit road edge, sidewalk edge or hard surface
2. Fall into or across a pit
3. Wheel hard landing or vehicle falling

### Front airbags may not deploy in several types of collisions

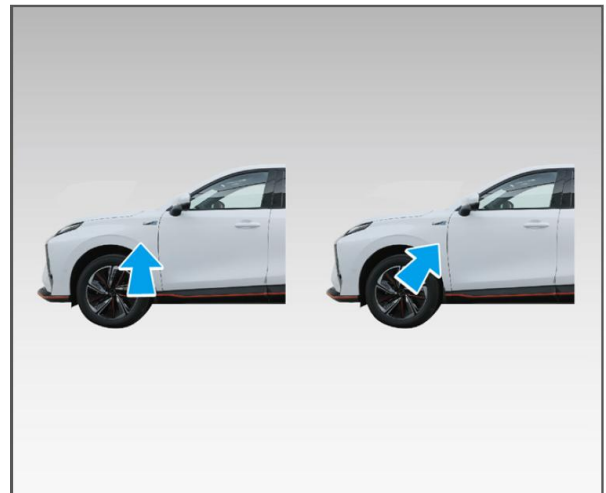
The front airbag is not generally deployed if the vehicle is subjected to a side collision, a rear collision, a rollover, or a low speed frontal collision. However, regardless of the type of collision, the front airbag may deploy as long as the vehicle is allowed to produce sufficient forward deceleration.



1. Back Collision
2. Side collision
3. Rollover

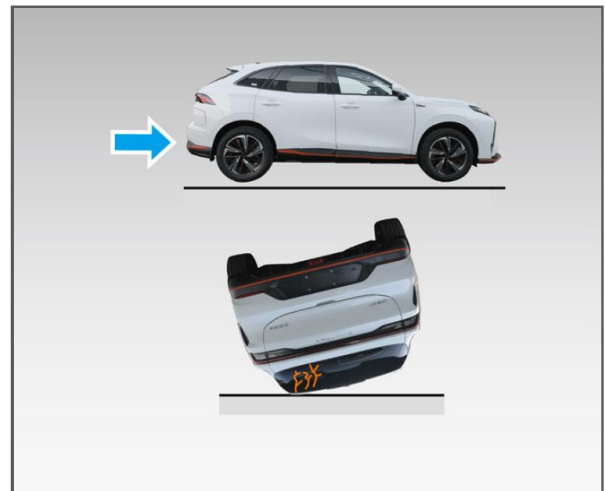
### Front side airbags and side curtain airbags may not deploy in several types of collisions\*

The front side airbags and side curtain airbags may not deploy if the vehicle suffers a side impact at an angle to the body, or if the body part that suffers a side impact is not the passenger compartment.



1. Body side collision of non-passenger compartment
2. Side collision with vehicle body at a certain angle

Front side airbags and side curtain airbags may not deploy if the vehicle is subjected to a rear collision, a rollover, a low speed side collision, or a low speed frontal collision.



1. Rear collision
2. Rollover



## Event data logging system(EDR)

Serial number	Reference number name	Meaning	Units
1	Longitudinal acceleration	Vehicle longitudinal acceleration	g
2	Vehicle speed	Rim speed	km/h
3	Service brake,on or off	Used to detect if the driver depresses the brake pedal	/
4	Vehicle Identification Number	Vehicle VIN Number	/

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

The vehicle speed recorded by the EDR system comes from the wheel line speed of the anti-lock braking system (AB S) equipped on the vehicle.

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



## Child protection measures

### Child ride safety instructions

Please be sure to read this chapter when children are riding in the vehicle.

Children should use appropriate protective devices.

Children who are too young to wear seat belts should be placed in an approved child protection device in the rear.

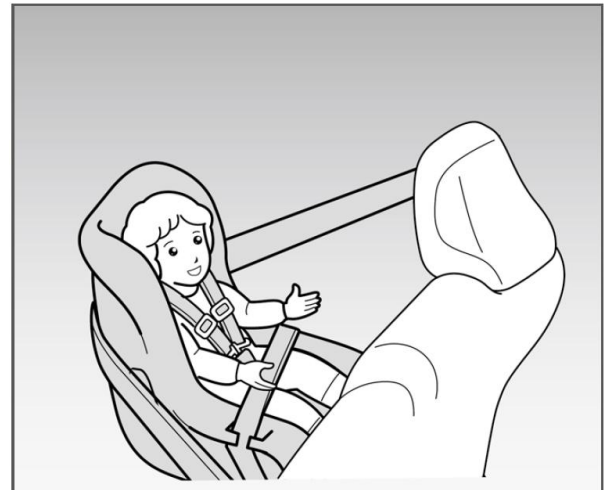
Older children must wear three-point seat safety belts for protection, and auxiliary safety cushions should be installed if necessary.

Children are advised to sit in the rear seat. Use the rear door child safety lock or window lock switch during driving in order to prevent children from opening doors or accidentally operating power windows.

### Warning

- Do not allow children to carry or use smart keys.
- The child may start the vehicle or shift the shift lever to N gear. The child may also injure himself while playing with the window, sunroof, panoramic sunroof, or other vehicle equipment.
- Do not leave children alone in the vehicle, which may result in children being injured or killed due to excessive temperature in a closed vehicle.

### Protection measures for babies



Infants under one year of age have very fragile necks, and if they ride facing forward, they can easily cause neck damage when a frontal collision occurs, so it is recommended to use a rear-facing child protection device.



### Protection measures for young children



According to the weight and height requirements specified by the manufacturer of the child protection device, children over one year of age should use a forward-facing child protection device when riding.

### Protection measures for older children



All children under the age of 12 are recommended to be seated in the rear seat and protected. If the seat belt does not fit, an auxiliary seat cushion can be installed for children.

### Child Protection Device (User Equipped)

Child protection devices need to be provided by the user, please use a child protection device that conforms to GB27887- 2011 standard.



## Child Seat Applicability

In addition to using three-point seat belts to protect children, the rear seat also provides a child restraint system with two standard "ISOFIX" interfaces, which can be selected as appropriate.

The Child Restraint System (CRS) and installation position for this vehicle are shown in the table below.

Quality Group	Ride Position			
	Front passenger	Front passenger	Front passenger	Front passenger
Group 0 (less than 10KG)	X	U	U	X
0+group (less than 13KG)	X	U	U	X
I group (9KG to 18KG)	X	U	U	X
Group II (15KG to	X	U	U	X
Group III (22KG to 36KG)	X	U	U	X

The keywords in the table above have the following meanings:

U: Applicable to general class child restraint systems approved by this quality group.

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



If a child restraint system of the "ISOFIX" standard is used, the adaptive information of the system to the vehicle is shown in the table below.

Quality Group	Size	Fixed module	ISOFIX position on the vehicle			
			Front passenger	RL	RR	RM
Portable crib	F	ISO/L1	X	X	X	X
	G	ISO/L2	X	X	X	X
0 Group	E	ISO/R1	X	IL	X	X
0+group, less than 13KG	E	ISO/R1	X	IL	X	X
	D	ISO/R2	X	IL	X	X
	C	ISO/R3	X	IL	X	X
I Group	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 table above are as follows:

IUF: for the ISOFIX child restraint system for the forward universal class certified by this quality group.

IL: Suitable for special ISOFIX child restraint systems. These restraint systems may be special vehicle classes, restricted classes, or semi-general-purpose.

X: This position does not apply to ISOFIX child restraint systems for this quality group or size category.

A—ISO/F3: Restraint system for children walking in full height forward.

B—ISO/F2: Constraint system for children walking towards primary school before lowering height.

B1 —ISO/F2X: Restraint system for children walking towards primary school before lowering height.

C-ISO/R3: Restraint system for children with full height backward primary walking.

D-ISO/R2: Restraint system for children walking towards primary school after lowering height.

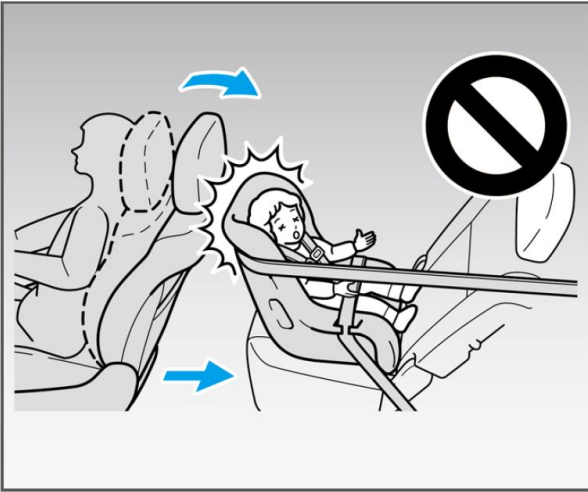
E-ISO/R1: Rearward Restraint System for Infants.

F—ISO/L1: Child restraint system (portable crib) facing left position.

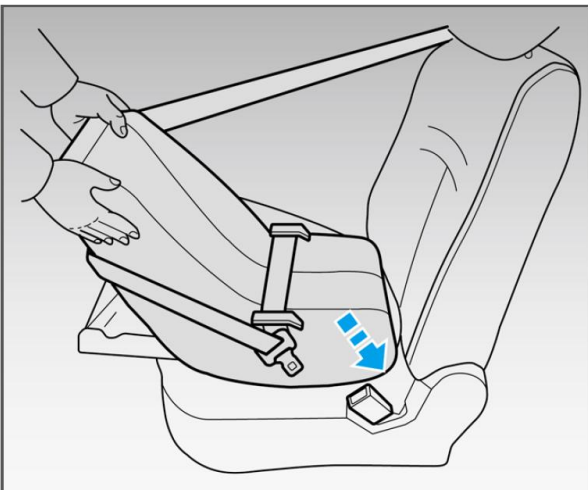
G—ISO/L2: Child restraint system (portable crib) facing right position.



### Installation of rear-facing child protection device

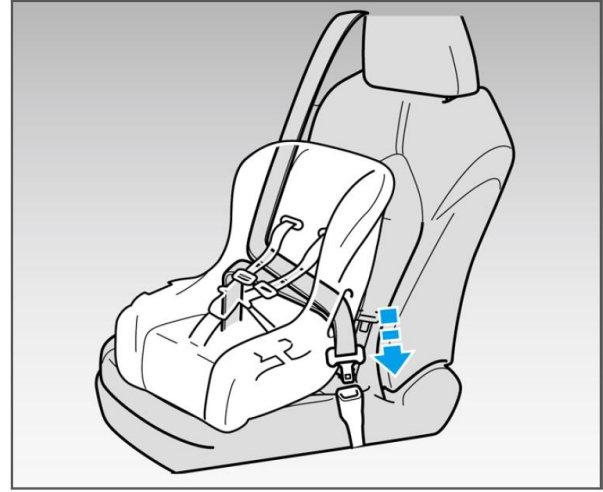


If the driver's seat prevents the rear-facing child protection from being properly installed, the rear-facing child protection should be installed in the right rear seat.



Insert the seat belt through or around the rear-facing child protection device according to the instructions provided by the manufacturer, and then insert the locking tab into the latch to ensure that the seat belt is not twisted and kept tight, verify that the locking tab and the latch are locked securely, and shake left and right to ensure that the child protection device is securely secured.

### Installation of forward-facing child protection device



Push the seat belt through the forward-facing child restraint and insert the locking tab into the latch according to the instructions provided by the manufacturer, ensuring that the belt is not twisted and remains tensioned. Verify that the locking tab and the latch are locked securely, press the child restraint against the seat cushion and seat back, allow the seat belt to fully retract so that the child restraint is securely secured, and swing left and right to ensure that the child restraint is securely secured.

### Installation of auxiliary seat cushion



Position the auxiliary seat cushion on the seat with the child sitting on the auxiliary seat cushion, correctly span the seat belt over the child's shoulder according to the instructions provided by the manufacturer, lower the waist belt as low as possible to the child's hip position, and insert the locking tab into the lock catch to ensure that the seat belt is not twisted and remains tight.



### Installation of ISOFIX Interface

Standard ISO child safety devices can be secured by the ISOISOX interface. Follow the child protection device manufacturer's instructions and safety tips when installing and using, otherwise the protection effect may be affected.



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



2. Align the ISOFIX interface of the child safety device with the corresponding ISOFIX interface at the bottom end of the seat cushion, insert the rigid interface, and fasten the elastic interface.



3. Press the adjustment button of rear seat headrest to raise the headrest to the highest point.



4. Thread the hook of child safety device through the seat headrest and fasten it to the fixed anchor support on the back of the seat and fasten the top tie-wrap to ensure that it is fastened.



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## Warning and Indicator Lamps

Warning lights and indicators indicate the status of each system of the vehicle to the driver.



04

### Warning Lamps

The warning light indicates to the driver that some parts of the vehicle system may have failed.

#### Tyre Pressure System Fault Warning Light (Yellow)



This light comes on when the tyre pressure tyre temperature is abnormal or the tyre pressure monitoring function has failed.

1. If the light is on because the tire pressure is too high or too low, please adjust the tire pressure to the standard tire pressure in time. If the light is still on after the adjustment, please contact Dongfeng Forthing Special Service Station in time.
2. If the light is on because the tire pressure system does not match or the sensor signal is lost, please contact Dongfeng Forthing Special Service Station in time.

#### Parking Fault Warning Light (Yellow)



This lamp illuminates when there is a problem with the parking system.

At this time, the parking system still has parking capacity, but it cannot park automatically. Please pull up the EPB switch to park and contact Dongfeng Fengxing Special Service Station as soon as possible.

#### Low Voltage Battery Charge Fault Warning Light (Red)



When the lamp is not in the READY state, it indicates that the 12V low voltage battery is not charged, which is a normal phenomenon.

When this light is on in READY state, it indicates that the charging system is not working properly and needs repair. At this time, please turn off all unnecessary electrical equipment and contact Dongfeng Forthing Special Service Station in time.

#### Steering System Fault Warning Light (Yellow)



This lamp illuminates when the electric power steering system has failed.

If the light is lit when the vehicle is driving, please reduce the speed in time and park safely on the roadside. Restart the vehicle after turning off the power for 5 minutes. If the light is no longer on, you can drive normally. If the light continues to light, please contact Dongfeng Forthing Special Service Station as soon as possible.



### ABS System Fault Warning Light (Yellow)



If the light comes on while the vehicle is driving, there is a malfunction in the anti-lock brake (ABS).

At this time, although the vehicle has normal braking ability, it does not have anti-lock function. Please drive carefully and contact Dongfeng Forthing Special Service Station as soon as possible.

### Low Brake Fluid Level/Brake System Fault Warning Light (Red)



This light comes on when the brake fluid level drops to a low level.

If this light is on while the vehicle is driving, it may be that the braking system has failed. Please drive off the road carefully and park safely, and contact Dongfeng Forthing Special Service Station in time.

### Airbag System Fault Warning Light (Red)



If this light continues to illuminate while driving, indicating a malfunction of the airbag system, please contact Dongfeng Forthing Special Service Station.

### Front Seat Belt Unfastened Warning Light (Red)



If the driver or the front passenger does not fasten the seat belt when the start switch is in "ON" gear, the light will illuminate with an audible alarm, and when the driver or the front passenger fastens the seat belt, the light will go out and the alarm will be released.

### Front Collision Warning System Warning Light (Red)\*



When the current collision early warning system detects that it may collide with objects in front, it will give an alarm through sound and screen. At this time, the warning light flashes and belongs to the normal state.

### Automatic Emergency Brake System Warning Light (Red)\*



When this indicator light is on, you can enter the instrument alarm inquiry interface for specific fault inquiry. Please contact Dongfeng Forthing Special Service Station.

### Main Warning Light



该指示灯亮起时，可进入仪表报警查询界面进行具体故障查询，请联系东风风行特约服务站。

### Power System Fault Warning Light



When there are some faults in the vehicle, this light is on, and you can enter the alarm inquiry interface of the instrument cluster to inquire about the specific cause of the fault. If the fault cannot be resolved, please contact Dongfeng Forthing Special Service Station 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 lit or flashing, it is normal in most cases and there is no fault in the vehicle.

### Motion mode indicator (white)



This light comes on when the vehicle is in Sport Mode (SPORT).

### Economy Mode Indicator (Green)



This light illuminates when the vehicle is in Economy Mode (ECO).

### Standard mode indicator (green)



This light comes on when the vehicle is in standard mode (NORMAL).



## Park Status Indicator (Red)



This light illuminates when the EPB switch is pulled up. If the light does not illuminate after parking or continues to illuminate after the EPB switch is pressed, then please contact Dongfeng Forthing Special Service Station.

## Auto Park Working Indicator (Green)



This light comes on when the automatic parking system is working.

## Steep Gradient Lowering System Working Indicator (Green)



This light continues to illuminate when the Steep Ramp Slow Down function is on. This light blinks when the Steep Ramp Slow Down system is working.

## Cruise control on Indicator (White)



This light comes on when the cruise system at constant speed is on but not active.

## Fixed Speed Cruise Work Indicator (Green)



When the cruise system at constant speed is activated and the cruise function is activated, this light is illuminated and the target speed is displayed next to the indicator light.

## Adaptive Cruise on Indicator (White)\*



This light comes on when the adaptive cruise system is on but not active.

## Adaptive Cruise Work Indicator (Green)\*



This light comes on when the Adaptive Cruise System function is activated to begin operation.

## Smart Pilot On Indicator (white)\*



This light comes on when the smart pilot function is on but not active.

## Smart Pilot Slip Function Work Indicator (Yellow)\*



This lamp illuminates when the Intelligent Pilot System Longitudinal Control is active.

## Smart Pilot Dual Function Work Indicator (Green)\*



This light is illuminated when the Adaptive Cruise and Lane Hold Assist functions of the Congestion Assist System simultaneously operate.

## Steering and Hazard Signal Indicator (Green)



When operating the turn signal light, the corresponding turn signal light is on or off. When pressing the hazard warning switch, the indicator light flashes at the same time as the left and right turn signal lights. If it does not flash or flashes quickly, the turn signal light bulb may be abnormal, immediately confirm whether the turn signal light bulb is damaged, and contact Dongfeng Forthing Special Service Station.

## Position Light Indicator (Green)



This light comes on when the position light is turned on.

## Low beam indicator light (green)



The lamp illuminates when the dipped beam lamp is turned on.

## High beam indicator (blue)



This light comes on when the high beam light is turned on.



## Rear Fog Light Indicator (Yellow)



The lamp illuminates when the rear fog lamp is turned on.

## ESP Electronic Stability System Off Indicator (Yellow)



When the ESP switch is pressed, the ESP system is turned off and the light is on. Pressing the switch again turns the ESP system back on and the light goes out.

## ESP Electronic Stability System Operation Indicator (Yellow)



This light flashes when the ESP system is working. If the light continues to light during driving, it indicates that there may be a failure of the ESP system. Please contact Dongfeng Forthing Special Service Station in time.

## Theft deterrent indicator (red)



When the start switch is placed in "ON" gear, this light flashes, indicating that the smart key is illegal or the anti-theft certification has not been passed. Please check whether the smart key is correct. When the start switch is placed in "ACC gear" or "OFF" gear, this light flashes, indicating that the vehicle enters the anti-theft state.

## Lane Offset System On Indicator (White)\*



This light comes on when the lane offset system is turned on but not active.

## Lane Offset System Work Indicator (Green)\*



This lamp illuminates when the vehicle speed conditions are met and the system is active.

## Lane Hold System On Indicator (White)\*



This light comes on when the Lane Hold function is on but not active.

## Lane Maintenance System Work Indicator (Green)\*



This light comes on when the lane holdover system is working.

## Front Collision Warning System Off Indicator (Yellow)\*



This light will illuminate when the current collision warning system is turned off.

## Automatic Emergency Brake System Off Indicator (Yellow)\*



This light comes on when the automatic emergency braking system is turned off.

## Smart High Beam Control System Active Indicator (Green)\*



This lamp illuminates when the smart high beam control function is active.

## Charge Connection Indicator



This light comes on when the charging gun is inserted and allows you to check the charging gun access status.

## OPM type indicator lamp



When the single pedal mode is turned on, this light will be on, which means that the vehicle is in the single pedal mode driving state.

## Fictitious light



When the vehicle enters limp home (power limiting) mode, this light will be on. At this time, be careful, drive slowly or stop to check, and continue driving after clearing the fault.

## Charging reminder indicator (yellow)



When the power battery power is too low, this lamp will be on. The vehicle shall be charged in time.

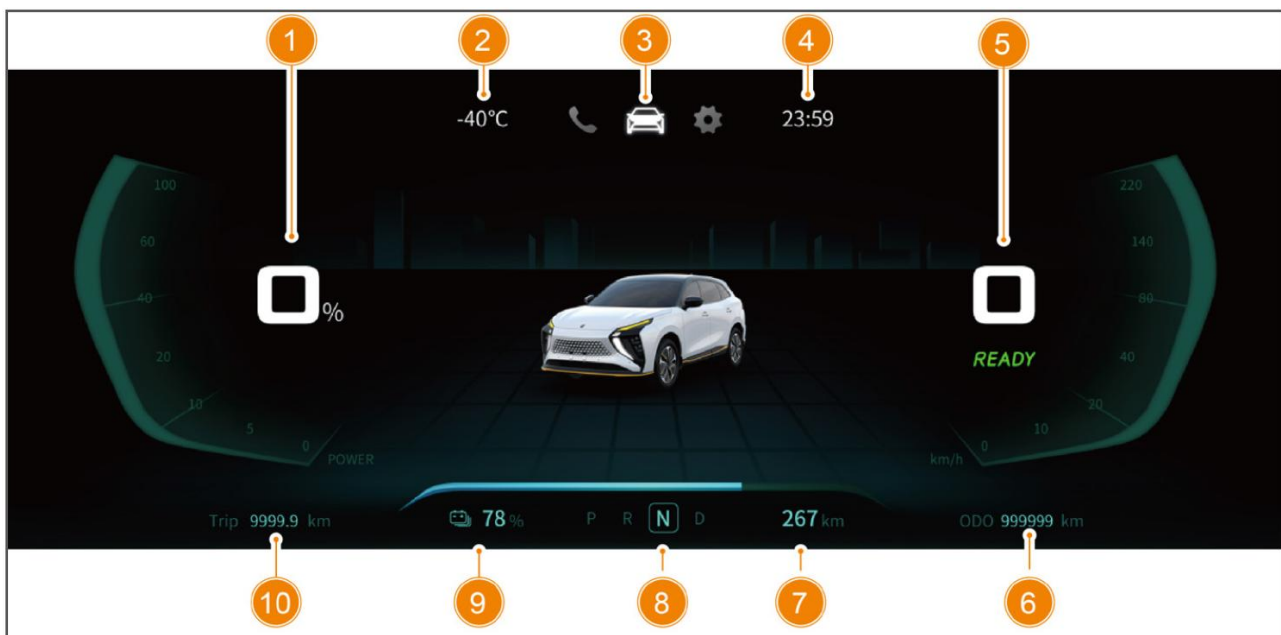
## System Ready (READY) LED (green)



When the high voltage power of the vehicle is turned on, this light will be on, indicating that the vehicle is in a roadable state.



## Overview of instrument cluster



## 1. A yield chart

Display the energy output of the power battery and the percentage of the recovered power. During energy output, 0%~100% of the actual output power is displayed, and during energy recovery, 0%~60% of the actual recovered power is displayed.

## 2. Outside temperature

Displays current outside temperature.

## 3. Information

This interface displays driving information, driving aids, multimedia, map/navigation and settings. The left and right buttons on the steering wheel can be used to switch the displayed content.

## 4. Time

Displays the current time.

## 5. Speedometer

Displays current vehicle speed.

## 6. Total mileage

Display the total mileage of the vehicle, and stop accumulating when the accumulated mileage reaches 999,999km.

## 7. Range

Displays the maximum distance the vehicle can currently continue to travel.

## 8. Gear

Displays the current driving gear.

## 9. Power battery meter

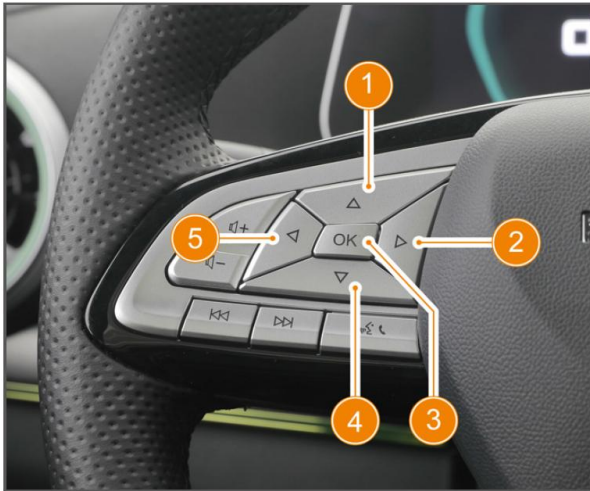
Display the remaining power of the current power battery. When the charging reminder indicator is on, the vehicle shall be charged in time.

## 10. Subtotal mileage

Displays the subtotal mileage of the vehicle, which is cleared automatically when out of range. Alternatively, clear zero by briefly pressing the OK key



## Instrument cluster control



1. Up key: select the page at the same level.
2. Right-click: toggle to select Home Page or view Alarm Information List.
3. OK key: select OK in the setting interface or close the currently displayed text reminder interface.
4. Down key: the peer page switches down to select.
5. Left: Switch to Home Page or return to the previous page.

## Comprehensive Information

This interface displays travel information, driving assistance, multimedia, map/navigation and settings. The display can be toggled by the left and right keys on the steering wheel.



### Running Information

The travel information contains information about the vehicle status, the travel computer, the nearest 50 km power consumption and the tyre pressure. The display can be toggled by the up key and down key on the steering wheel.

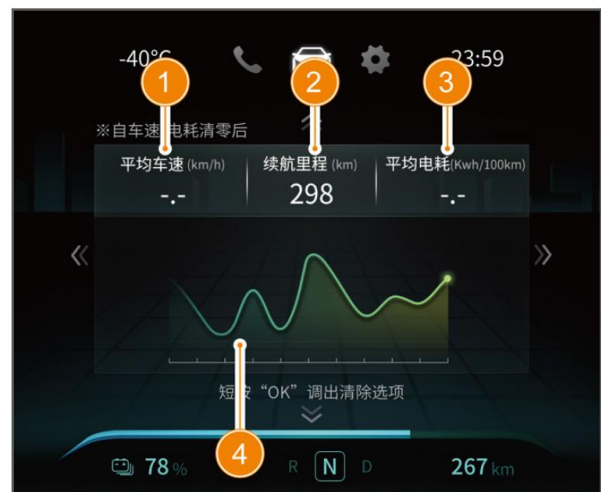
## Vehicle Conditions



This interface shows the service status of doors (including reardoor and safety belts).

## Driving computer

This interface shows the average speed, average power consumption and mileage. The display can be switched by the up key and down key on the steering wheel.





## 1. Average speed

Display range of average vehicle speed is 0 ~ 200 km/h. Press OK key briefly to bring up the zero clearing interface and clear the average vehicle speed separately.

## 2. Mileage

Displays the maximum current mileage that can be continued.

The display range is 20 to 999 km. When the mileage is less than 20 km, "\_\_\_" is displayed.



### Attention

- After the vehicle is charged, the mileage will be recalculated.
- The mileage value displayed will change according to the recent comprehensive power consumption.
- If the charging reminder light is on, it is necessary to charge in time even if the vehicle is shown to be able to drive a long distance.
- When driving in special environments such as low temperature, the mileage display may be temporarily changed.

## 3. Average Power Consumption

Display range of average power consumption is: 0 ~ 30Kwh/ 100 km. Press OK key briefly to bring up zero clearing interface and clear zero of average fuel consumption separately.

## 4. Instantaneous power consumption

Instantaneous power consumption displays current power consumption information in a graphical manner. Instantaneous power consumption display range: 0 ~ 30Kwh/ 100 km.

### Last 50 km power consumption



## 1. Optimal Power Consumption

Displays the historical lowest power consumption value.

Press the OK key briefly to bring up the zero clearing interface and the best power consumption separately.

## 2. Curve power consumption

Display the power consumption performance in the last 50 km.

Press OK briefly to bring up the zero clearing interface and clear the curve power consumption separately.

## 3. Power Curve

The power consumption curve is plotted from the curve power consumption values within the last 50 kilometers.

### Tire Pressure Information



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





### Attention

- Please keep the tyre pressure near the standard pressure value. When the tyre pressure shows "~~" and the designated tyre position is lit, it indicates that the tyre pressure monitoring system has lost the sensor at this position. Please contact Dongfeng Forthing Special Service Station in time.
- The tire pressure sensor does not need to be re-matched as long as the tire pressure sensor is not replaced or damaged due to tire repair, tire disassembly, etc. However, if the tire position is changed or the tire pressure sensor in the tire is replaced, the tire pressure sensor needs to be re-matched. Please contact Dongfeng Forthing Special Service Station.
- The tyre pressure information displayed at rest is that of the last run of the vehicle, so after the tyre has been deflated or inflated, it is necessary to drive the vehicle to a speed above 30 km/h for 1 min before the data of the instrument cluster is updated.



### Driving assistance



Depending on the vehicle configuration definition, the functions that can be displayed on this interface are different. For details on driving assistance, see the relevant instructions in Chapter 8, "Comfortable Driving".



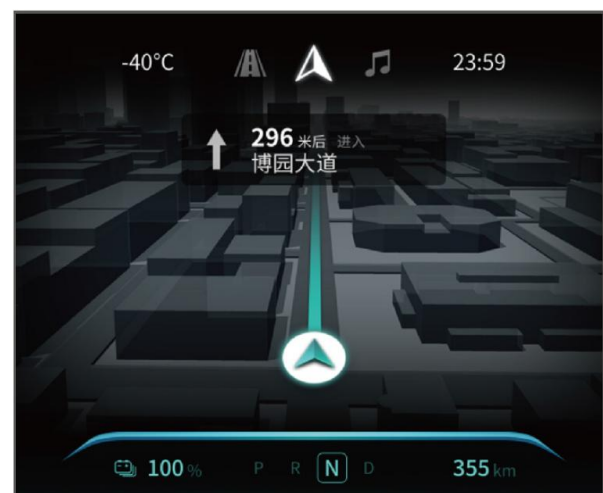
### Multimedia



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



### Map/Navigation



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





## Alarm Information



This interface displays part of the vehicle information that needs to be alarmed or reminded. When there are multiple vehicle information that needs to be alarmed or reminded, the display can be switched and queried by the up key and down key on the steering wheel.



## Settings

The setting interface contains alarm information query, driving information clearing, brightness adjustment, volume adjustment and instrument version information. The corresponding menu interface can be accessed through the up key, down key and OK key on the steering wheel. The specific information is shown in the following table.

Level One Menu	Secondary Menu	Tertiary Menu
Settings	Alarm Information Query	
	Driving information clearing	Average electricity consumption
		Average speed
		Subtotal mileage
	Brightness adjustment	
	Volume adjustment	
	Instrument Version Information	

## Fatigue Driving Reminder

If a fatigue driving reminder is triggered after more than 4 hours of continuous driving, press the OK key briefly and park the vehicle in a safe place for a rest of 20 minutes, the reminder message can be released.



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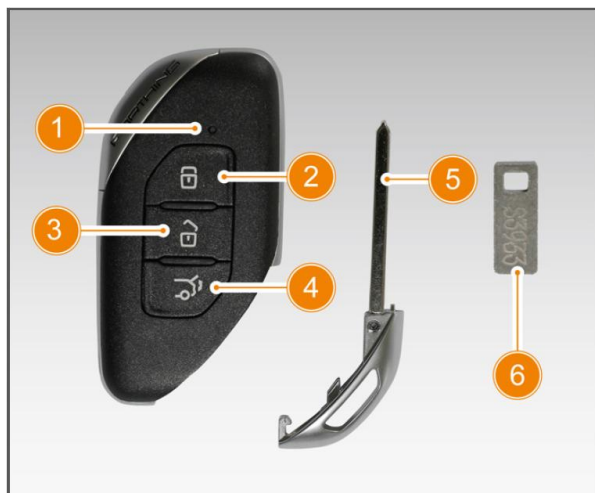


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## Key Information

### Smart Key



1. Button Indicator Light
2. Lock Button
3. Unlock Button
4. Back Door Unlock Button
5. Mechanical Key
6. Number Plate of Smart Key

### Mechanical Key



To take out the mechanical key, press the mechanical key release button on the side of the smart key.

### Replace the Battery of Smart Key

If the electric power in smart key is insufficient, the remote-control distance may become closer or the vehicle may not be remotely controlled, and even the vehicle may not recognize intelligent key. At this time, the battery in the intelligent key needs to be replaced.

### Locking System with Anti-Theft Starting

If the smart key with incorrect code is carried, when the start switch is set to "ON" position, the anti-theft indicator on the instrument cluster will flash, and the system will judge that the smart key is illegal or the anti-theft certification fails, and the vehicle will not start at this time.

## Open, Close and Lock the Door

### Unlock and Lock Outside the Car

#### Enter without Keys



#### Unlock

Hold the unlocking area inside the main driver door handle with smart key, and unlock all doors.

#### Lock

Carry the smart key, close all doors, press the lock area on the door handle of the main driver, and all doors will be locked.



### Unlock and Lock with Smart Keys



#### Unlock

Press the unlock key on the short smart key, the four doors are unlocked, and the turn signal flashes; Press the unlock key on the long smartt key to open the four-door glass.

#### Lock

Press the lock key on the short smart key, the four doors are locked, the turn signal flashes, the horn sounds, the indoor lights gradually go out, and the audio-visual entertainment system is turned off; Press the lock key on the smart key for a long time, and the four-door glass will be closed.

### Unlock and Lock with Mechanical Keys



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



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

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

### Unlock and Lock the Door from the Inside

#### Unlock the Inner Door Handle



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

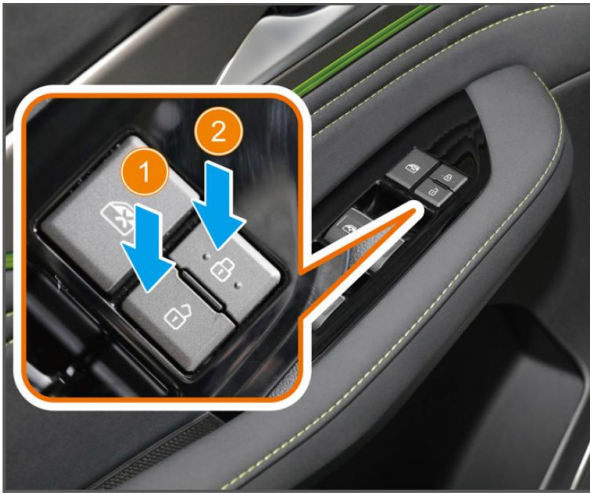
When the door is unlocked, pull the inner door handle once to open the door.

#### Attention

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



### Central Control Unlocking and Locking



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



#### Attention

Central locking can only be carried out when all doors are closed.

### Locking of Door of Passenger Seat and Rear Door



In case of power failure of the vehicle, press the switch inside the door lock, and the door can be locked after it is closed; The door can be unlocked by pulling the door handle twice from the inside of the car.

### Child Safety Lock at Rear Door



1. Unlock
2. After the child safety lock of the rear door is set, the child cannot open the rear door from the inside of the car, which helps to prevent the child from accidentally opening the rear door.

### Automatic Locking of the Door

In the unlocked state, when the vehicle speed increases to more than 10km/h, the four doors will automatically lock.

### Forced Locking in Collision

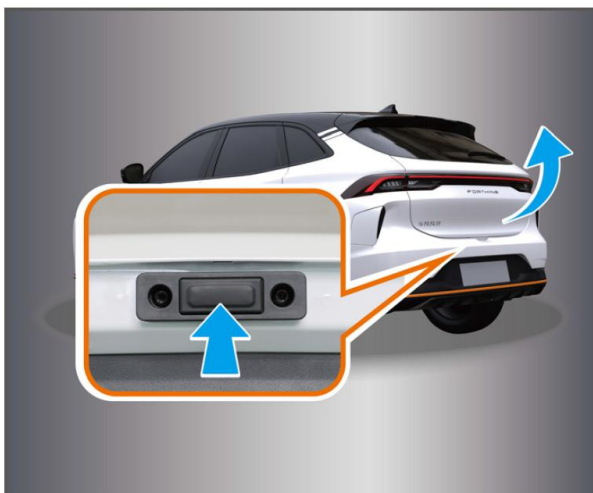
When the car doors are locked and the start switch is in the "ON" position, if the vehicle is subjected to a strong impact, all doors will automatically unlock. Depending on the intensity of the impact or the type of accident, the system may not function.



### Open and Close the Back Door

#### Open the Back Door from the Outside

##### Open the Back Door without Keys



#### Common Back Door

Take the smart key to the back door, and open the back door manually while pressing the microswitch.

#### Electric Back Door

Take the smart key to the back door, press the micro switch, and the back door will open automatically.

##### Open the Back Door with Smart Keys



#### Common Back Door

When the back door is closed, press and hold the back door unlock key on the smart key to unlock the back door, and then manually open the backdoor.

#### Electric Back Door

When the back door is closed, press and hold the unlock key of the back door on the smart key, and the back door will open automatically.

##### Open the Back Door Inductively\*



Take the smart key and stand at the rear of the vehicle and kick under the middle of the rear bumper. After the kick is sensed, the back door will open automatically.

#### Attention

- Only when the vehicle is not started, the function of opening the back door by induction can take effect.
- To use this function, you need to carry the smart key or place the smart key within the effective control range about 1m away from the back door.
- To ensure the effectiveness of the operation, please use the front and back kicking operation, and the kicking time should be controlled in 1~2s. During operation, the distance between the foot/calf and the bottom/rear of the rear bumper should be controlled at 2 ~ 10cm respectively. Please use the most suitable operation mode after multiple kicks according to the actual situation.





### Attention

- Please keep the sensor surface clean. If ice, snow, dirt and other obstacles are attached to the sensor surface, it may cause functional failure.
- The kick sensing area is located in the width range of 50cm below the middle of the rear bumper, so please operate in this area.
- If the function of opening the back door by induction is tried several times in a short time, the function may be temporarily disabled and cannot be restored in a short time.



### Warning

- When using this function, make sure that there are no other people or obstacles in the movement area of the back door. After operation, please pay attention to avoid the back door movement area, so as not to cause harm to human body or vehicle.
- When cleaning the vehicle automatically, please make sure that the intelligent key is not near the back door. If the back door is accidentally opened, it may damage the back door.

### Close the Back Door Outside the Back Door

#### Common Back Door



Buckle down to close the back door.

### Electric Back Door\*



Press the back door guard switch to automatically close the back door. If this switch is pressed again while closing, the back door will stop closing.



In addition, you can automatically close the back door by pressing and holding the unlock key of the back door on the smart key.

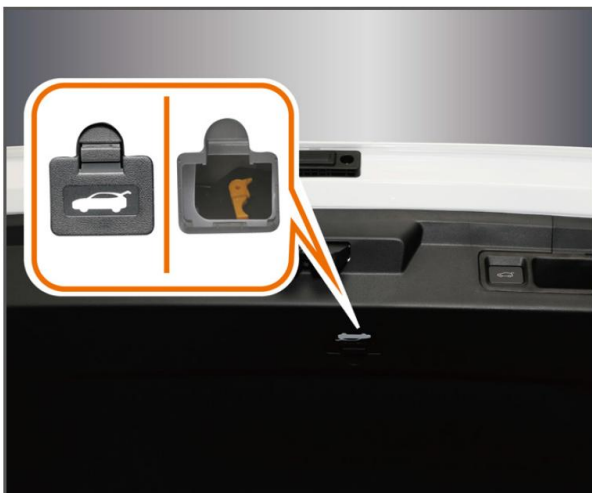


### Open and Close the Back Door from Inside the Car\*



When the back door is unlocked, press the switch of the back door inside the car, and the back door will automatically open or close. During the movement of the back door, press this switch again, and the back door stops moving.

### Back Door Emergency Opening Inside the Car



If the latch fails to open the back door, first remove the emergency opening cover plate on the back door guard, pull the emergency opening pull ring of the back door, and at the same time, push the back door with the other hand to open the back door from the inside of the car.

### Back Door Opening Height Setting\*



#### Set the Opening Height of the Back Door

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

1. Manually open the back door to the required height.
2. Press the back door guard switch for a long time until you hear a sound signal, indicating that the opening height setting is successful.
3. Close the back door and re-open it to the set height.

#### Restore the Maximum Opening

1. Manually open the back door to the highest.
2. Press the switch of the back door guard for a long time until you hear a sound signal, indicating that the maximum opening height has been successfully restored.
3. Close the back door and reopen it to the maximum height.

#### **Warning**

- Do not open or close the electric tailgate manually unless necessary.
- When the electric tailgate needs to be manually operated during power failure or failure, it should be opened or closed at a uniform speed, and the time should not be less than 2s. If the manual opening and closing operation is carried out quickly, the electric supporting rod or controller may be damaged.



### Set the Opening Angle of the Back Door through the Audio-Visual Entertainment System

1. Click [Setup]-[Vehicle]-[Accessories]-[Maximum opening angle of tailgate] in the display screen to enter the back door height setting page.
2. According to the actual demand, after clicking the required opening height value of the back door on the setting page, the system will sound a prompt to indicate that the setting is successful.



#### Attention

The opening height of the back door in the audio-visual entertainment system is for reference only. Please set the specific height according to the actual operation.

### Anti-Pinch Protection

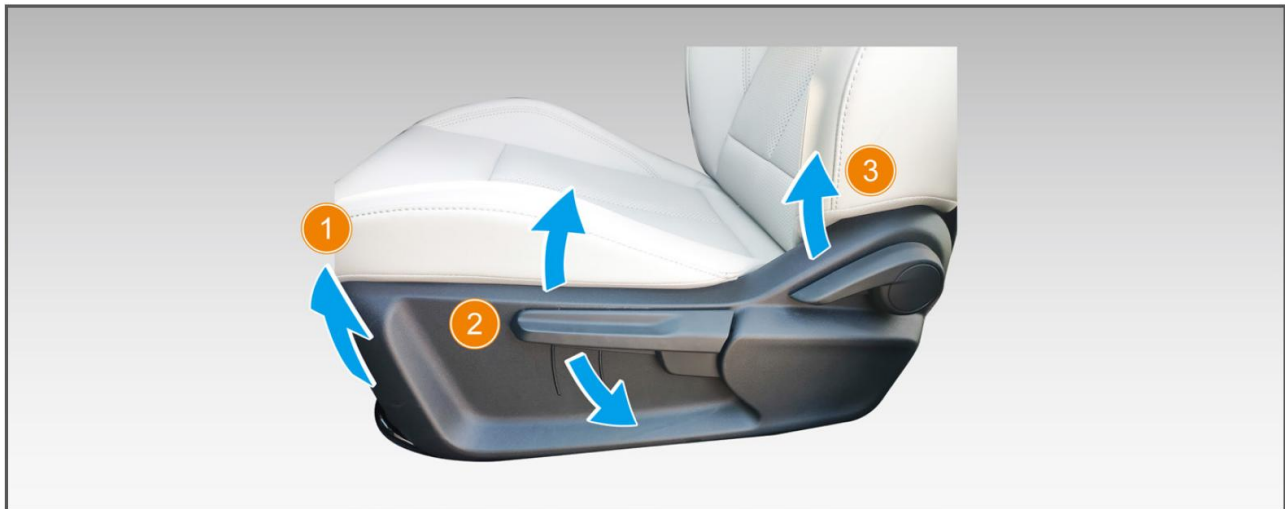
When the back door opens automatically, if an obstacle is detected, the back door will stop opening; When closing automatically, if the system detects an obstacle, the back door will stop closing and return to the preset maximum opening height.



### Seat Adjustment

#### Front Seat

##### Adjust the Driver Seat Manually



1. Back-and-Forth Adjusting Rod of the Seat

Pull the rod upward to adjust the back-and-forth movement of the seat. After adjusting to a proper position, loosen the rod to ensure that the seat does not move back and forth.

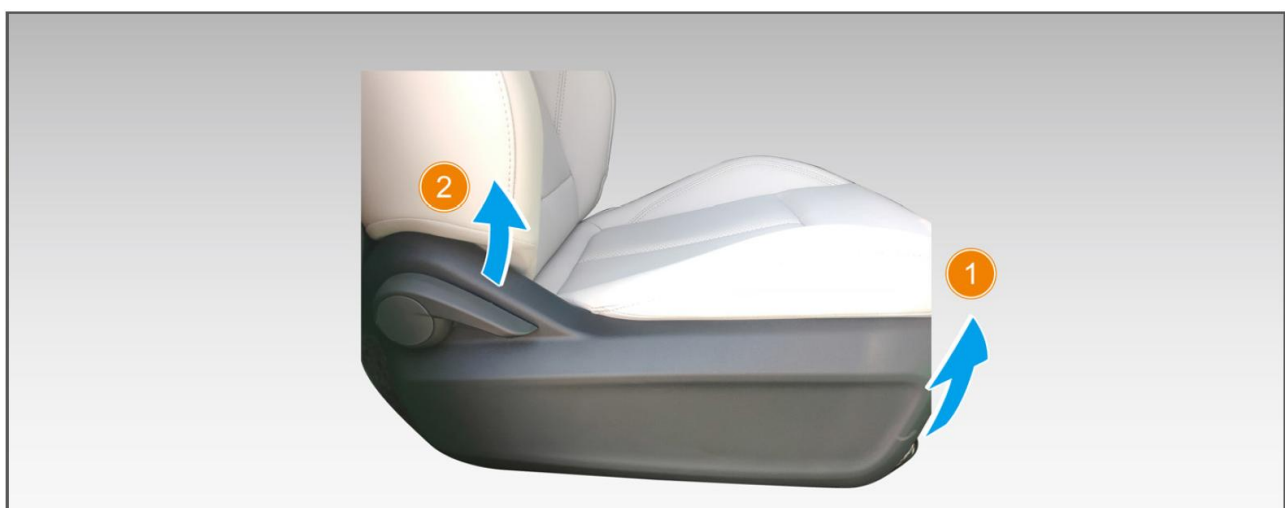
2. Height Adjusting Hand Lever of the Seat

Raise or press the hand lever, and the seat can be adjusted to be raised or lowered. After adjusting to a proper position, release the hand lever.

3. Angle Adjusting Hand Lever of the Backrest

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

##### Adjust the Front Passenger Seat Manually



1. Back-and-Forth Adjusting Rod of the Seat

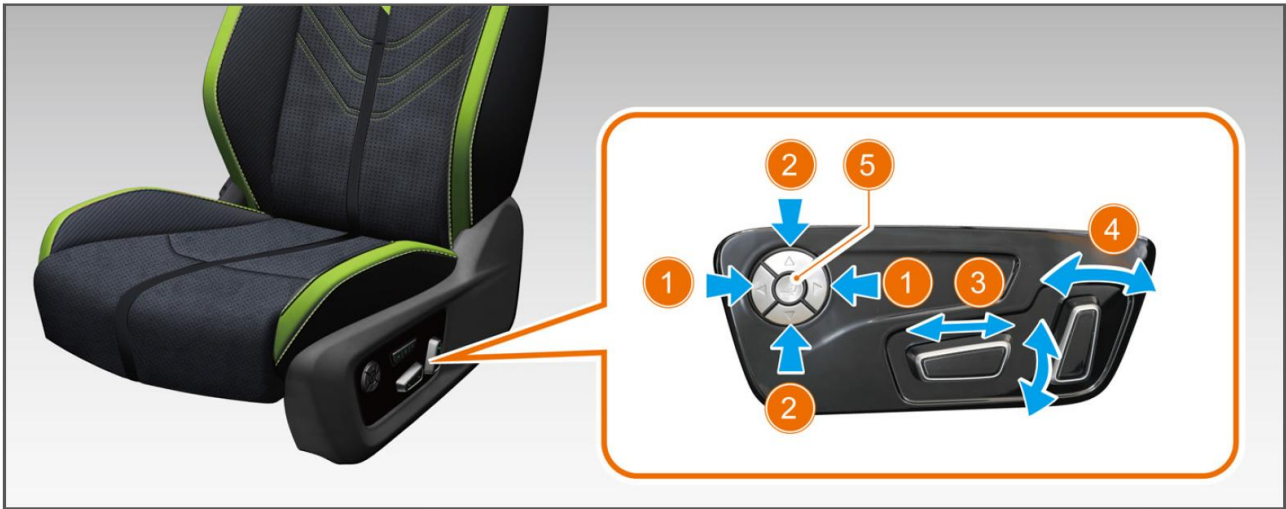
2. Angle Adjusting Hand Lever of the Backrest

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

##### Electric Adjustment of the Driver Seat\*



### Ten-Direction Adjustment of the Seat



#### 1. Back-and-Forth Adjusting Button of the Lumbar Support

Press this key to adjust the back-and-forth movement of the lumbar support. After adjusting to a proper position, release the key.

#### 2. Up-and-Down Adjusting Button of the Lumbar Support

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

#### 3. Back-and-Forth and Height Adjusting Button of the Seat

Gently push the whole button back and forth to adjust the seat to move back and forth, and gently push the rear of the button up and down to adjust the seat to rise or fall. After adjusting to a proper position, release the button.

#### 4. Angle Adjusting Button of the Backrest

Gently push this button back and forth to adjust the angle of the seat back. After adjusting to a proper position, release the button. Gently push this button back and forth to adjust the angle of the seat back. After adjusting to a proper position, release the button.

#### 5. Adjusting Button for Massage

Press this key to switch between lumbar support adjustment and massage adjustment. When switching to massage function, press key 1 to adjust the massage intensity, and press key 2 to select different massage modes (for the intensity and mode, please refer to the related contents of seat settings in Chapter 6, *Audio-Visual Entertainment System*).

### Eight-Direction Adjustment of the Seat





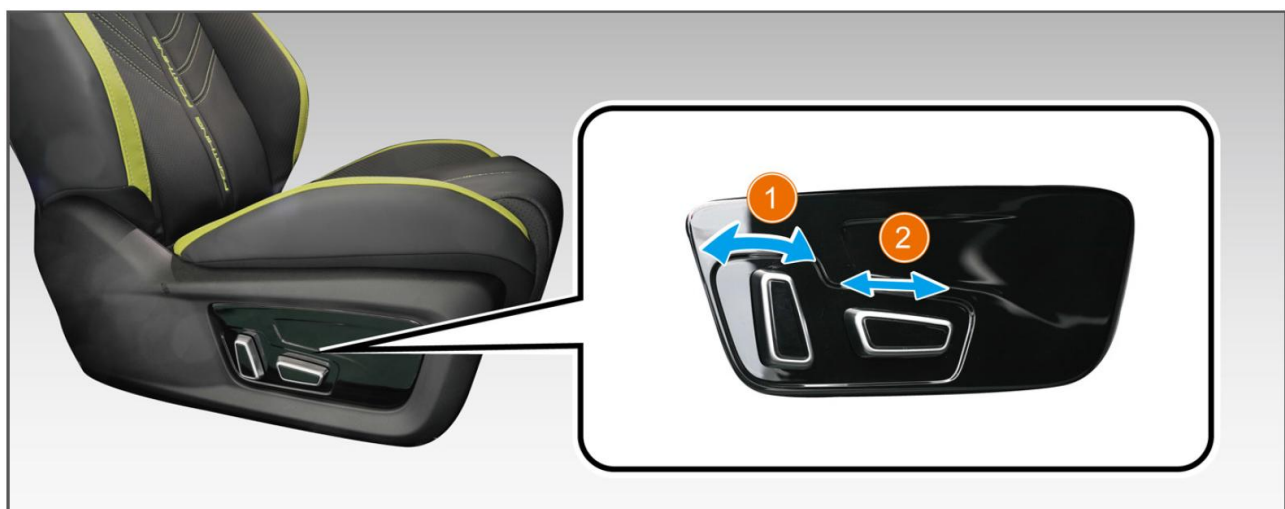
1. Back-and-Forth Adjusting Button of the Lumbar Support
2. Back-and-Forth and Height Adjusting Button of the Seat
3. The adjustment mode of the backrest angle adjustment button for the eight-way seat is the same as that for the ten-way seat.

### Learning Function of Driver Seat\*

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

1. First, adjust the seat to the last position, then push the front, rear and height adjustment buttons for 5s, then adjust the seat to the front position, and push the front, rear and height adjustment buttons for 5s. Repeat the operation twice to complete the learning of the front-back sliding function of the seat.
2. Adjust the seat height to the lowest, push down the front and rear of the seat and the rear of the height adjustment button for 5s, then adjust the seat height to the highest, and push up the front and rear of the seat and the rear of the height adjustment button for 5s. Repeat the operation twice to complete the learning of seat lifting function.
3. Adjust the seat back to the front, push the backrest angle adjustment button 5s forward, then adjust the seat back to the end, and push the backrest angle adjustment button 5s backward. Repeat the operation twice to complete the learning of seat back adjustment function.

### Electric Adjustment of Front Passenger Seat\*



1. Angle Adjusting Button of the Backrest



Gently push this button back and forth to adjust the angle of the seat back. After adjusting to a proper position, release the button.

### 2. Back-and-Forth Adjusting Button of the Seat

Gently push the whole button back and forth to adjust the front and back movement of the seat. After adjusting to a proper position release the button

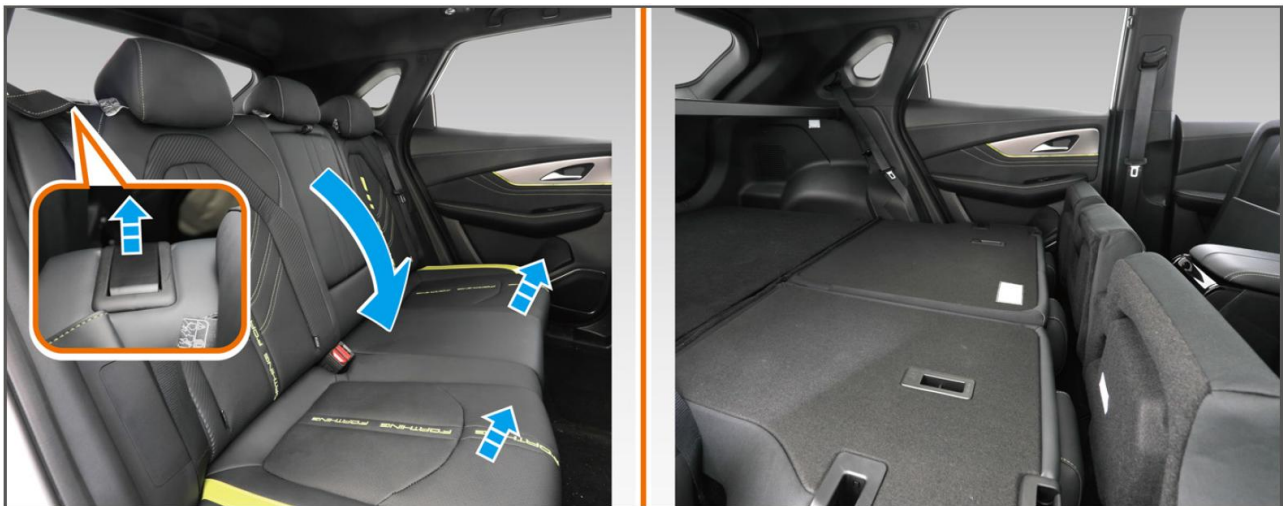


#### Attention

- The driver should not adjust the seat while driving.
- Be careful when adjusting the seat and make sure that other passengers will not be injured 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 pinch the abdomen, or the shoulder seat belt may touch the neck, which will cause serious injury and even increase the risk of death in case of an accident.

## Rear Seat

### Backrest Adjustment and Laying Flat of Rear Seat



1. Pull the folding strap of the rear seat to adjust the angle of the seat back, and keep pulling the strap to push the back from the back to the front to level the seat.

### Reset the Rear Seat





1. Reset the rear seat from the front of the seat: directly lift the seat back until it is locked.
2. Reset the rear seat from the rear of the seat: Pull the seat back strap to pull the backrest up until it is locked.

### **Warning**

- Do not fold the seat back while driving.
- Be careful not to jam your hands when laying the rear seat flat.
- Do not fold the back of the rear seat when passengers are sitting in the rear seat or luggage is put on the seat.
- When resetting the rear seat, gently shake the seat and its backrest back and forth to make sure that it is firmly locked in place.
- Check that the seat belt is not twisted or stuck in the seat back.



## Seat Heating, Ventilation and Massage\*

### Controlled by Display Screen

For details, please refer to the chapter "Seat Setting" in Chapter 6 "Audio-Visual Entertainment System".

#### Warning

If the body can't sense the pain and temperature due to drugs, paralysis, paralysis and other diseases, please don't use the seat heating function, otherwise it may cause body burns.

#### Attention

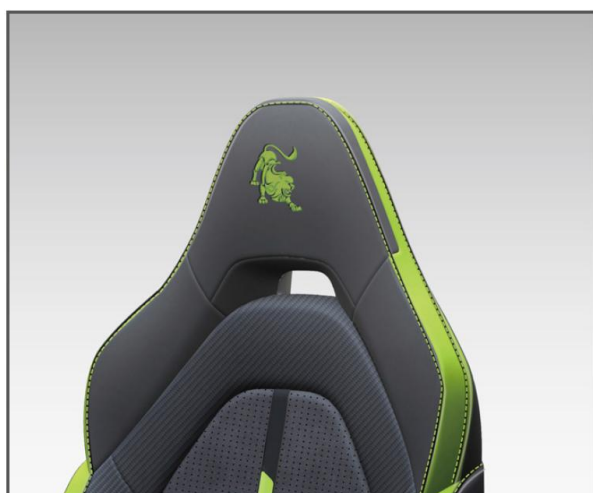
- Do not kneel on the seat or put the seat under concentrated load, so as not to damage the heating element of the seat.
- Do not clean the seat by wet cleaning.
- Do not place the seat cushion when the seat heating function is turned on.

## Seat Memory\*

Some front seats of models have memory function. For details, please refer to the chapter "User Personalized Memory" in Chapter 6 "Audio-Visual Entertainment System".

## Headrest Adjustment

### Front Seat



The front seat headrest is one-piece and cannot be adjusted.

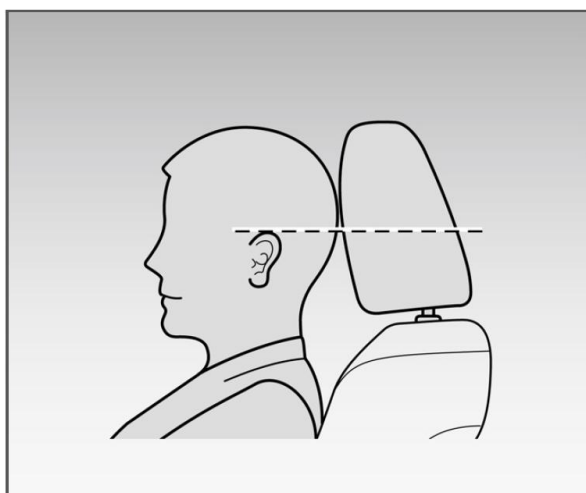
### Rear Seat



1. If you need to raise the headrest, you can directly raise the headrest to the required position until you hear a "click" sound to ensure that the headrest is locked in place.

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

### Headrest Height



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



## Steering Wheel

### Steering Wheel Adjustment



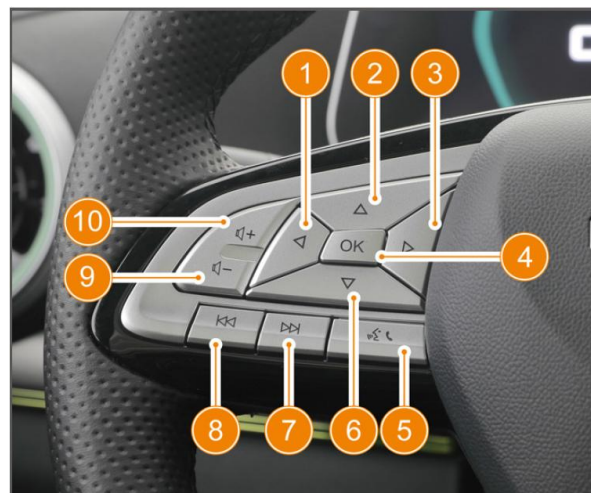
After holding the steering wheel with one hand and pulling down the adjusting hand lever with the other hand, you can move the steering wheel position horizontally and vertically to adjust it to the desired position. After the adjustment, pull up the adjusting hand lever and make sure it is locked in place.

### Horn



The horn is located in the middle of the steering wheel. Pressing the horn can remind the laymen and vehicles. Proper use of horn will help to ensure driving safety and reduce the frequency of accidents.

### Left Side Button of the Steering Wheel

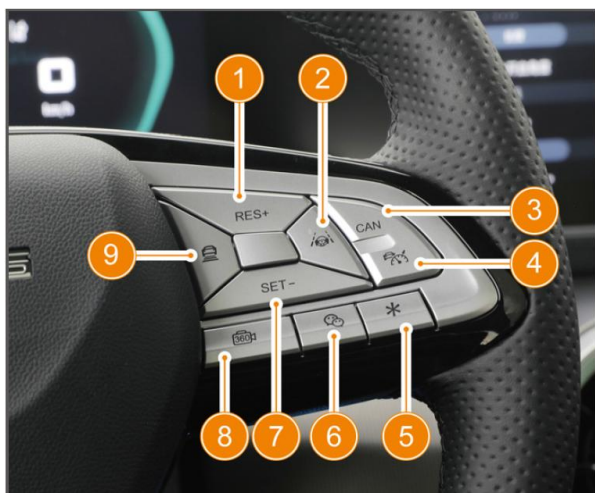


1. Left
2. Up
3. Right
4. OK
5. BluetoothPhone/Voice Wake-up
6. Down
7. Forward
8. Backward
9. Volume-
10. Volume+



### Right Side Button of the Steering Wheel

#### Type1

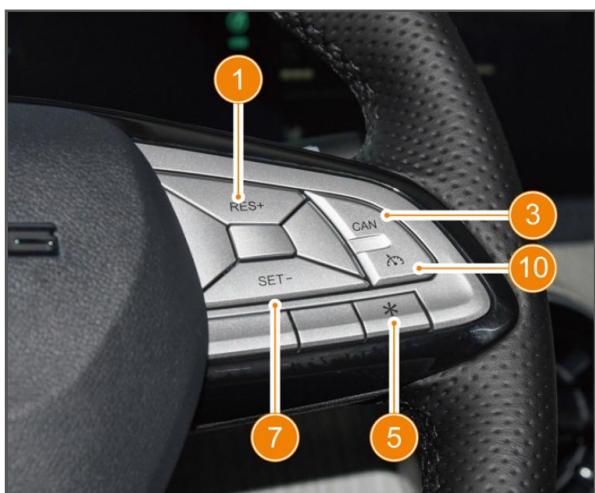


1. Cruise Recovery / Acceleration
2. Lane Keeping
3. Cruise Suspension
4. Adaptive Cruise Control
5. Customization
6. Wechat
7. Speed Setting / Deceleration
8. 360°View
9. Distance Adjustment
10. Cruise Control

#### Type2



#### Type3



### Interior Rearview Mirror



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

#### Attention

Due to the structural limitation of the rear-view mirror, when adjusting the rear-view mirror, please adjust it gently and slowly to prevent the rear-view mirror body from falling out due to excessive adjustment.



### Anti-Glare Interior Rearview Mirror

#### Manual Anti-Glare Interior Rearview Mirror



Gently pull the tab on the bottom edge of the inside rearview mirror to switch the reflection state of the mirror to prevent glare.

05

#### Warning

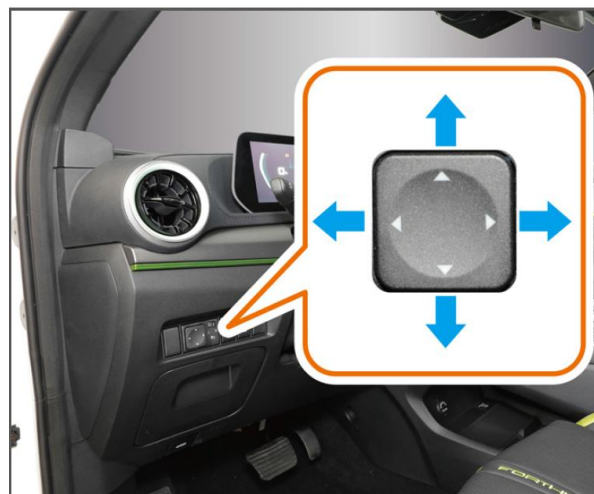
Do not adjust the rear-view mirror position during driving, otherwise it may cause accidents due to manipulation errors, resulting in serious injuries or even death.

### Exterior Rearview Mirror

#### Electric Adjustment of Exterior Rearview Mirror



The left and right switches can select the rearview mirror on the corresponding side to adjust the mirror angle.



Push the mirror adjustment switch up and down to adjust the exterior rearview mirror to the best viewing angle.

#### Folding and Unfolding of Exterior Rearview Mirror



Swipe down at the top of the display screen to call up the shortcut menu of the drop-down bar, and click [Rear View Mirror Folding] to fold or unfold the exterior rear view mirror.



### Automatic Folding and Unfolding Exterior Rearview Mirror

Click [Setup]-[Vehicle]-[Accessories] in the display screen in turn, and select to turn on the [Automatic Folding of Exterior Rearview Mirror]. When the start switch is on "OFF" and the four doors are closed, press the lock or unlock key of the intelligent key to realize the automatic folding or unfolding of the exterior rearview mirror.

### Exterior Rearview Mirror Memory\*

Some models are equipped with exterior rearview mirror memory function. For details, please refer to the chapter "User Personalized Memory" in Chapter 6 "Audio-visual Entertainment System".

### Automatic Turning Down of Exterior Rearview Mirror when Reversing\*

Click [Settings]-[Vehicle]-[Accessories] in the display screen in turn to turn on the function of [Reversing rearview mirror down]. When the vehicle reverses, the exterior rearview mirror can automatically turn down at a certain angle, which is convenient for the driver to check the road conditions.

### Heating and Defrosting of Exterior Rearview Mirror

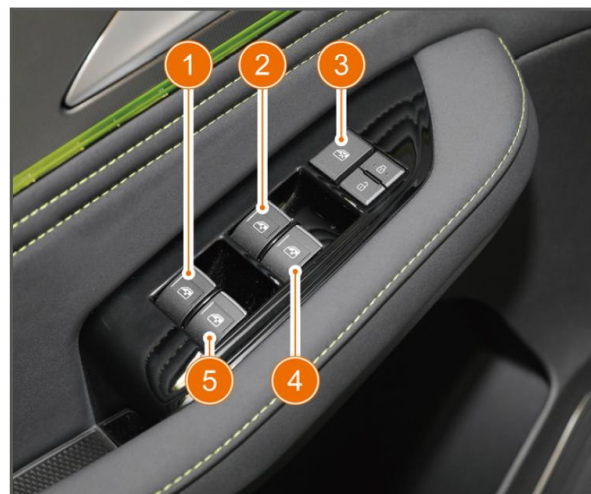
When the start switch is set to the "ON" position, press the rear windshield defrosting button on the air conditioning control panel to turn on or off the defrosting function, which can remove fog, frost and thin ice from the exterior rearview mirror.



#### Attention

- Before driving, in order to ensure driving safety, it is necessary to ensure that the mirror angle is adjusted after the exterior rearview mirror is reset.
- Do not adjust the exterior rearview mirror while driving.
- If the exterior rear-view mirror is not folded or unfolded, it may be that the exterior rear-view mirror has not been reset after being hit. You need to manually push the lens forward until it makes a "click", and then operate the exterior rearview mirror to fold or unfold for two or three times.
- If there is snow on the exterior rearview mirror, please clear the snow before adjusting the exterior rearview mirror to avoid damaging the exterior rearview mirror.

### Power Window



1. Left Rear Window Switch
2. Left Front Window Switch
3. Window Locking Switch
4. Right Front Window Switch
5. Right Rear Window Switch

### Manually Window Opening / Closing

Pull up or hold down the window switch for a long time, and you can manually control the window to go up or down.

### Automatic Window Opening / Closing

Pull up or press down the window switch briefly, and the window can automatically go up or down. If you need to stop halfway, pull up or press this switch again.

### Remote Window Opening / Closing

When the start switch is on "OFF" and the vehicle door is closed, press and hold the unlock key on the smart key, and all four windows will simultaneously descend until they are fully opened; press and hold the lock key on the intelligent key, and all four windows will simultaneously ascend until they are fully closed.



### Window Locking Switch

To prevent children from accidentally opening or closing the window, press the window lock switch to disable the front passenger's window and the rear window. Then the window can only be controlled by the driver. If you need to restore it, press this switch again.

### Window Thermal Protection

If the window is operated repeatedly in a short 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

When closing the window, if an obstacle is encountered, the window will stop closing and run in the opposite direction for some distance. The automatic anti-pinch function will also work if there is an impact or something similar to a window obstacle.

### Activation Condition of Electric Anti-Pinch Window

About 60s after the start switch is set to "ON" or the power is turned off.

### Window Initialization

1. When the vehicle battery is disconnected, voltage insufficient and recharged.
2. When the gating module Refreshes the software.
3. When the window mechanism is replaced, such as the elevator, rubber strip, glass, water cut, guide groove and other parts that affect the lifting stroke of the window.
4. When the door panel and door control module are replaced. The power window with anti-pinch function needs to be initialized so that it can be used normally.

### Initialization Learning Steps

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

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

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

4. Initialization learning is over. The above steps should be operated continuously to ensure the success of learning. If the electric window still fails to work normally after the above operation, please contact Dongfeng Forthing Special Service Station.



### Attention

- When operating the window, make sure it doesn't pinch any part of the passenger's body.
- Do not allow children to operate power windows.
- Do not deliberately test the anti-pinch function by pinching any part of your body.
- If an object is caught when the window is about to be completely closed, the anti-pinch function may not work.

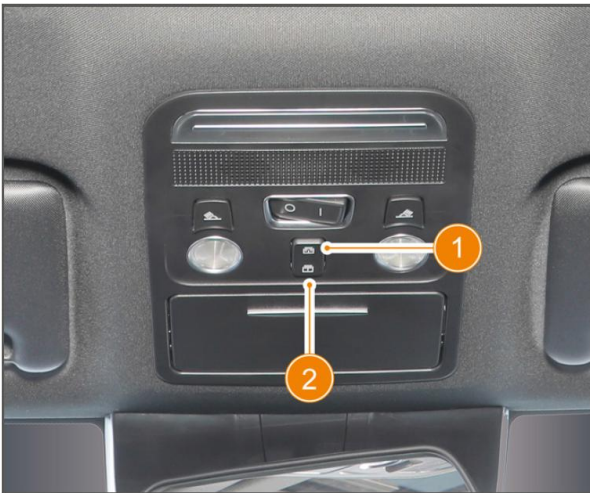
## Sunroof

### Panoramic Glass Roof



The panoramic Glass Roof is made of integral glass and cannot be opened. Some models have starry sky patterns.





1. Sunshade Opening Button
2. Sunshade Closing Button

### Sunshade Opening / Closing

When the light inside the car needs to be improved, the sunroof sunshade can be opened. When the start switch is set to the "ON", the sunshade is in the closed state. Click the sunshade open switch, and the sunroof sunshade will be opened to the fully open state with one key. Press the sunshade closing button, and the sunroof sunshade will close to the closed state with one button.

During the one-button opening/closing process of the sunshade, click the sunshade operation switch again, and the sunshade stops at the current position.

### Sunshade Remote Closing

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

If [Short Press] is selected in [Remote Control Window Closing Settings] on the display screen, press the lock button of the smart key briefly, and the sunshade will automatically close.

If [Long Press] is selected in [Remote Control Window Closing Settings] on the display screen, you need to press the lock button of the smart key for more than 3s before the sunshade will automatically close.

### Sunshade Anti-Pinch Protection

When the sunshade is subjected to abnormal resistance or obstacles in the process of auto-closing, the sunshade will automatically stop halfway and retreat for a certain distance to prevent personal injury.

### Sunshade Thermal Protection

To prevent the motor of the sunshade from overheating and causing abnormal function, after continuously operating the sunshade for 120s (in the normal resistance state), the sunshade will turn on the thermal protection function, at which time the sunshade will be temporarily unable to move, and the sunshade can be operated again after the motor cools for 40s. Since the motor has not yet returned to room temperature, if the sunshade is operated continuously, the sunshade will turn on the thermal protection function for the second time, and it will take 120s before the sunshade will move.

### Initialization

When the sunshade cannot be closed in place, it can be restored by the following steps:

1. Press and hold the sunshade close button continuously. When the sunshade touches the front stop and moves back, release the button and the sunshade position is initialized.

2. Press and hold the sunshade close button for about 4 seconds after releasing the button for 4s, and the sunshade will open for a short period of time, and then automatically reverse and close to the fully closed position (the switch is not allowed to be released in the process). Release the sunshade button this time, and the sunshade initialization is completed.

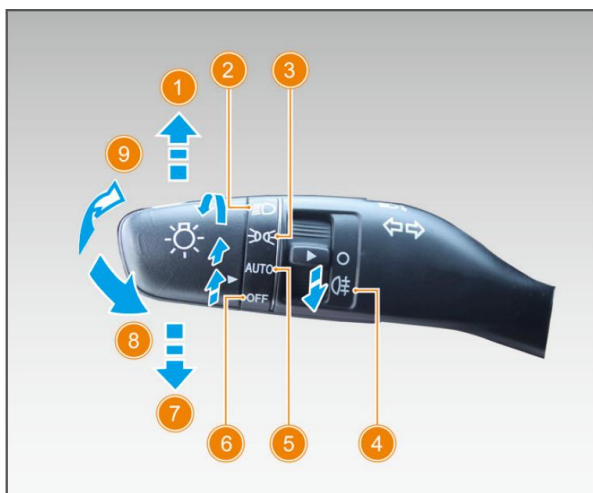
### Warning

When operating the sunshade, make sure it doesn't pinch any part of the body.



## Lights

### Exterior Lights



1. Right Turn Lamp
2. Low Beam Light
3. Position Lamp
4. Rear Fog Lamp
5. Automatic Lighting
6. Headlight Off
7. Left Turn Lamp
8. High Beam Light Flashing
9. High Beam Light

### Turn Lamp Switch

Push the light control hand lever upward or downward, and the right or left turn lamp will flash. After turning, the hand lever will return to its original position and the turn signal will turn off.

### Switchover of High / Low Beam Light

When the low beam is turned on, push the light control hand lever forward to the limit position and turn on the high beam Light; Pull it back and turn off the high beam.

### Position Lamp

When the light switch is on ATUO, when the system detects that the ambient light intensity is dark, press the intelligent key unlock key to unlock the door, and the position lamp will automatically light up; Position lamp goes out after locking, starting the vehicle or sleeping.

### Fog Lamp Switch

When the low beam light is turned on, dial the adjusting ring to make ► point to the rear fog lamp, and the rear fog lamp is turned on; Turn the adjusting ring again to make ► point to O, and the rear fog lamp will be turned off.

### Daytime Running Lamp

Daytime running lamps are mainly used in the daytime, and can automatically light up, so that other drivers can see your vehicle more clearly and ensure driving safety.

### Automatic Lighting

When the adjusting ring makes ► turned to AUTO, the headlights and other exterior lights will automatically turn on or off according to the ambient brightness.

### “Follow Me Home”

Turn the light control hand lever backward once within 5 minutes after the flameout of the vehicle, and the “Follow Me Home” function will be turned on. At this time, the low beam light will automatically turn on.

After the door is locked for 30s or the function of “Follow Me Home” is turned on for 5 minutes, the low beam light will automatically turn off.

### Headlight Height Adjustment

When the vehicle is heavily loaded, the rear of the vehicle body will sink, which will raise the low beam, affect the driver's vision and cause potential safety hazards. At this time, you should find a safe place to stop, and then adjust the height of the headlights.

The specific method is as follows:

1. Turn on the headlights when the startup switch is set to "ON".



2. Swipe down at the top of the display screen to call up the shortcut menu of the pull-down bar, and you can see the headlight height adjustment.



3. Swipe the control ball left and right to adjust the height of vehicle headlights, and there are four gears.

### Welcome Lamp



The welcome lamp is located under the rear-view mirror of the vehicle, which is used to illuminate the ground at night. When the door is pulled open, the welcome lamp lights up. When the vehicle is powered off and the door is pushed open, the welcome lamp lights up, and when the door is closed, the welcome lamp goes out.

### Exterior Atmosphere Lamp

The exterior atmosphere lamp with the light language mode can create the exterior atmosphere of the vehicle at night and assist the lighting.

The function can be turned on/off by clicking [Settings]-[Vehicles]-[Lights]-[Exterior Atmosphere Lamp] on the display screen .

### Light language mode

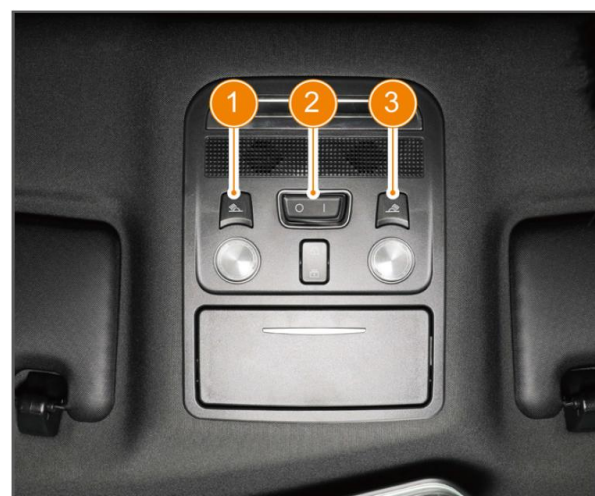


Click [Settings] - [Vehicle] - [Lights [Light Language Mode] on the display to turn off the light language function.

After the function is turned on, the exterior lights can flash or light up according to different scenes, which include: unlocking welcome, door opening warning, locking cheer, parking mode, charging indication, reversing mode and music rhythm.

### Interior lights

#### Front row interior light





1. Left front interior light switch
2. Door control switch
3. Right front interior light switch

### Door control switch operation

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

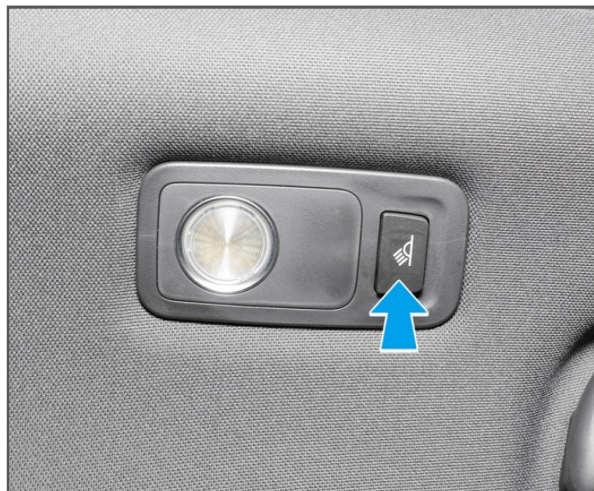
When the door control switch "I" is pressed, all interior lights are illuminated.

When the door control switch is parallel to the panel, the interior lights will light up or go out as the four doors open and close.

### Indoor light switch

When the door control switch is parallel to the panel or when "O" is pressed, the interior light is controlled by the corresponding interior light switch, which lights up when pressed and goes out when popped up.

### Rear interior lights



The rear interior light is located under the rear handle. When the door control switch is parallel to the panel or when "O" is pressed, the rear interior light is controlled by the rear interior light switch.

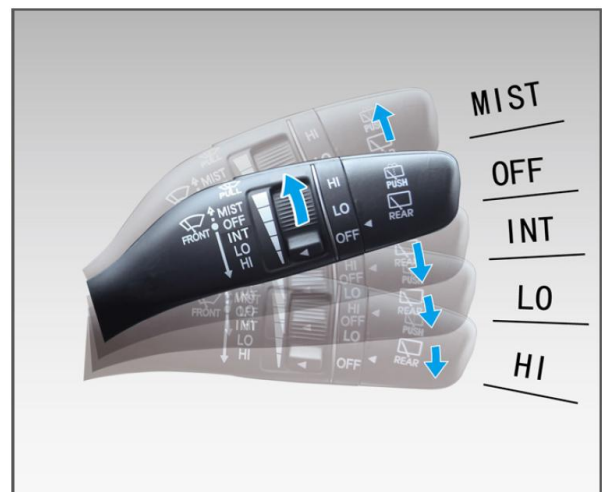
### Trunk lamp



When the rear trunk lid is opened, the luggage compartment light is automatically illuminated. When the back door is closed, it turns off automatically.

## Wiper

### Front manual wiper





### Front automatic wiper



**MIST :** Point-action mode. Toggling the wiper control handle upward, the wiper scrapes once, and the handle returns automatically when you let go.

**OFF:** Turn off the wipers. To stop wiping when the wiper control handle is in OFF. This gear is the standard gear.

**INT :** Intermittent wiping. Turn down the wiper control handle to INT to intermittently wipe, and adjust the intermittent time by the adjustment ring. From top to bottom, the interval time decreases but the wiper speed increases.

**AUTO\*:** Automatic wiper. Toggle down the wiper control handle to AUTO, the wiper will automatically scrape, and the adjustment ring can adjust the sensitivity. From top to bottom, the sensitivity gradually increases and the wiping speed gradually accelerates.

**LO :** Low-speed wiping. Toggle down the wiper control handle to LO for low-speed continuous wiping.

**HI :** High-speed wiping. Toggle down the wiper control handle to HI

### Attention

When the wiper control handle is toggled to AUTO and the automatic wiper function is turned on, it is normal that the wipers may scrape under the following conditions:

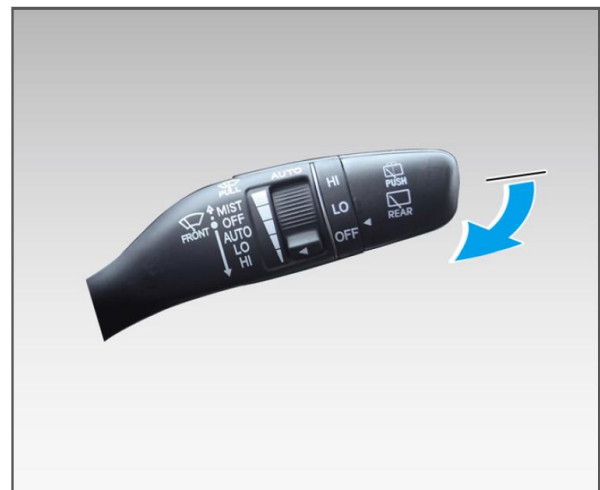
- Pass by areas where the light changes significantly, such as woods and overpasses.
- There are strange objects falling in the sensor area, such as leaves.
- Vehicles passing through dusty areas, such as following behind large vehicles or passing through construction

### Attention

The following conditions may cause the automatic water scraping function to fail:

- A foreign object is attached to the rain sensor surface
- If other electronic devices are installed or connected to the car, the function of this system may also be affected during use.

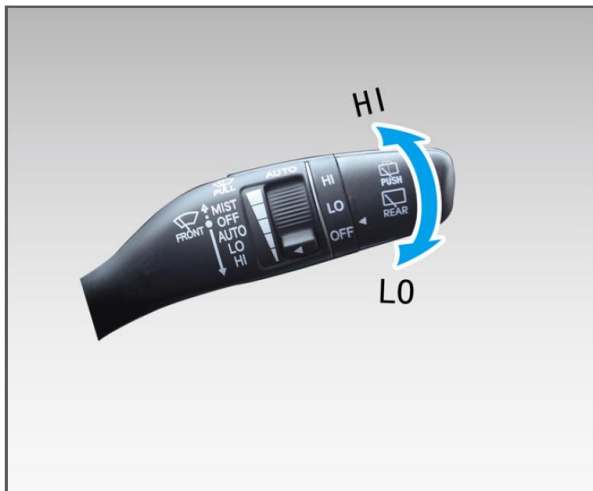
### Front windshield washing



Turn the wiper control handle back and hold it. The front windshield washer starts spraying water, while the front wiper performs low-speed scraping. Release the wiper control handle and stop spraying water and scraping.



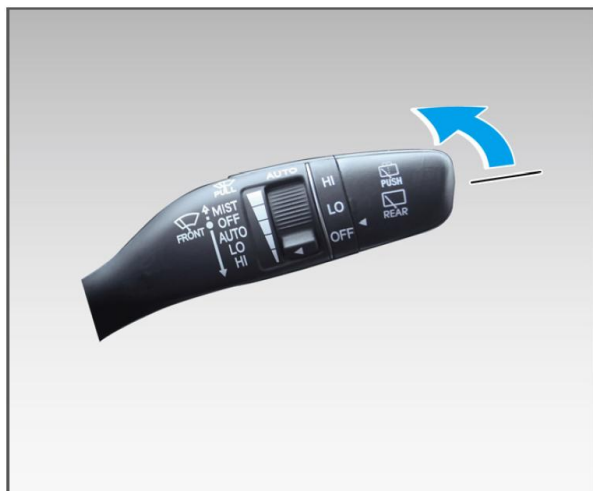
### Rear wiper



**HI:** The rear wiper wipes at high speed. Twist the rear end of the wiper control handle to HI position, and the rear wiper will wipe at high speed.

**LO:** the rear wiper wipes at low speed. Twist the rear end of the wiper control handle to the LO position, and the rear wiper will wipe at a low speed.

### Rear windshield washing



Push the wiper control handle forward and hold it, the rear windshield washer starts spraying water, while the rear wiper performs low-speed wiping, and stops spraying and wiping after releasing the wiper control handle.

### USB interface

The USB port only works when the start switch is in "ON" or "ACC" position. This port can be used for charging cell phones.

USB interface at the front of the sub-instrument panel



The front USB interface is located in the storage compartment at the upper part of the auxiliary instrument panel.

USB interface at the lower part of sub-instrument panel



The lower USB interface is located in the storage slot under the auxiliary instrument panel.



### USB interface at the rear of the sub-instrument panel



The rear USB interface is under the air outlet at the rear of the sub-instrument panel.



#### Attention

- When the USB interface is not in use, keep the dust cover tightly closed.
- Do not insert metal objects into the connector to avoid short circuit and fire.
- USB interface only provides charging function, the maximum current of charging is 2.3A, please do not insert high current appliances to avoid fire.
- When plugging and unplugging the USB data cable, try to keep the same direction with the USB interface without tilting it to avoid damaging the USB interface.

### 12V vehicle-mounted power supply

The 12V vehicle-mounted power supply can only work when the start switch is in "ON" or "ACC" gear.

#### Vehicle-mounted power supply at the front of the sub-instrument panel



The front 12V vehicle-mounted power supply is located in a storage slot under the instrument panel.



#### Attention

- When not using the USB port and car power supply, cover the dust cover tightly.
- The maximum output power of 12V car power supply is 120W, please do not plug in high power appliances to avoid fire.
- Do not allow children to use or touch the 12V/220V car power supply, and do not insert metal foreign objects into the power connector to avoid short circuit and fire.
- Do not plug the cigarette lighter into the 12V car power socket to avoid fire caused by short circuit.



### 220V vehicle-mounted power supply



#### Start to use

1. Put the start switch in "ON" gear, until the combination meter shows READY.
2. When insert the plug of the electric equipment into the 220V vehicle-mounted power outlet, the electricity can be used normally.

#### Stop using

If you need to stop using it, just remove the plug from the electrical equipment.

#### Warning

- Do not touch the 220V vehicle-mounted power outlet with your hands.
- Do not store or use the discharge device in a place where there is water or near a heat source.
- When using the 220V vehicle-mounted power function, the total power of the electrical appliances should not exceed 2.2kw, otherwise it may cause a safety accident.

### Automobile date recorder\*

#### SD card insertion and removal



The automobile data recorder SD card slot is located on the left side of the recorder, so please confirm whether there is a SD card in the card slot before using it for the first time.

You can see the rubber plug of the SD card slot by prying open the plug cover on the left side of the car recorder with a slotted screwdriver, pull out the rubber plug to insert and remove the SD card. Remember to put the text logo side facing up when inserting the card. After inserting the card, put the rubber plug back in, and fasten the plug cover.

It is recommended that the new card be formatted in the settings of the "AI Windy" APP car recorder first, and the recorder supports storage of 8G ~ 64G, and the rate level of the SD card requires Class10 above.

#### Automobile data recorder operation

##### Start

When the start switch is placed in "ACC" gear or "ON" gear, the recorder starts working to enter the recording state.







closed

When the start switch is turned from "ACC" gear or "ON" gear to "OFF" gear, the recorder will turn off or delay off automatically (the delay time can be selected in the setting menu).

The state of the automobile date recorder display

The recording status of the car recorder can be viewed on the status bar of the display

The specific meaning is as follows:

	In the video of automobile date recorder
	Abnormal automobile date recorder
	SD card abnormality
	SD card full

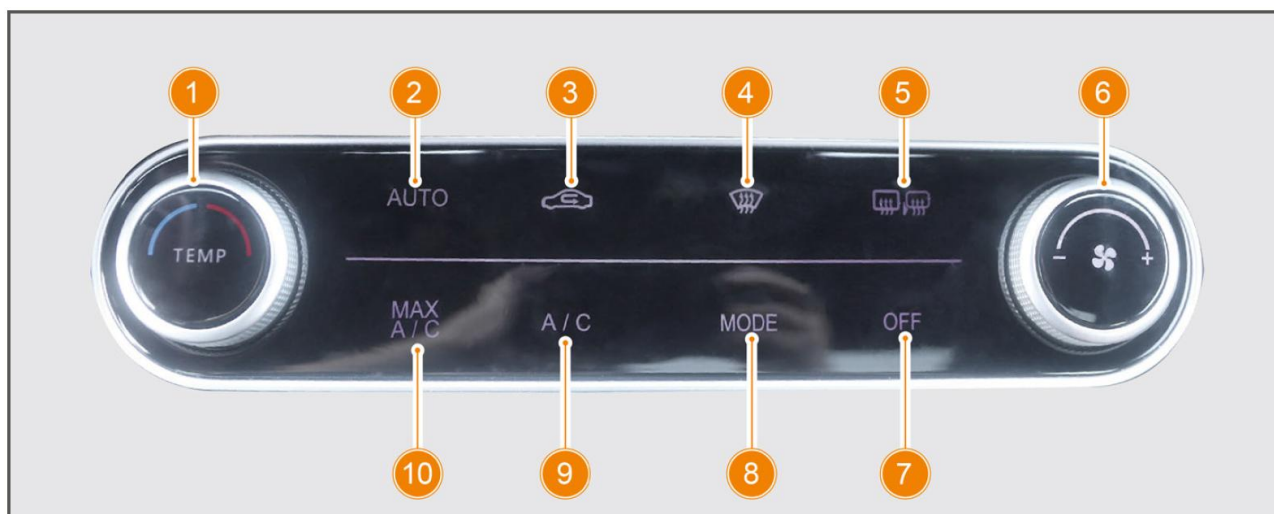
Note: The original car doesn't have the SD card, it should be bought by the client.



### Air Conditioning System

Automatic air conditioning

Front air-conditioning touch panel



Display operation screen

05





### Function description

1. Temperature Adjustment Knob: Rotate this knob to adjust the temperature inside the car.
2. AUTO button: Press this button, the air conditioning system enters the fully automatic state from the non-automatic state, and the air conditioning system will automatically adjust the temperature inside the car.
3. Switch between internal and external circulation button: when passing through smoggy areas, press this button to circulate the air inside the car, and press this button again to return to external circulation mode.
4. Front defrost button: Press this button to turn on or off the front windshield defrost/defog function, which can clear the fog or condensation frost on the front windshield after turning on.
5. Rear defrost button: Press this button to turn on or off the rear windshield / exterior mirror defrost function. When turned on, it clears fog, frost and thin ice from the rear windshield and outside mirrors. This function will turn off automatically after 10~20 minutes if it is not turned off after turning on.
6. Air volume adjustment knob: Turn this knob to adjust the size of the air volume of the air outlet. At the same time, the display will show the current air volume size.
7. Air conditioning system (OFF) button: Press this button to turn on or off the air conditioning system.
8. Blowing mode adjustment (MODE) button: Press this button to select the blowing mode, the display will show the selected mode. They are: blowing head, blowing head/foot, blowing foot, blowing foot/defrost mode.
9. A/C button: Press this button to turn on or off the air conditioning cooling.
10. Maximum cooling switch (A/C MAX) button: Press this button to enter the maximum cooling mode, with maximum airflow and minimum temperature.
11. Air conditioning temperature adjustment: Slide up and down to adjust the temperature inside the car.
12. PM2.5 level display \*: Some models can monitor and display PM2.5 level.
13. Negative ion button\*: Some models can turn on or off the negative ion purification function.



### Air outlet position

#### Front air outlet



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

05

#### Rear air outlet



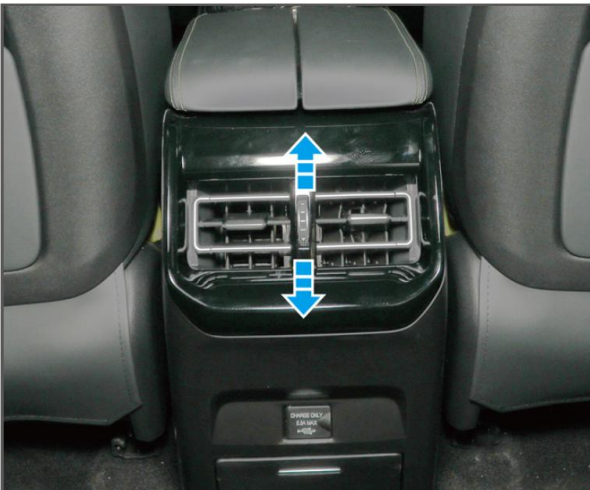
1. Rear middle air outlet



### Adjustment of air flow and direction

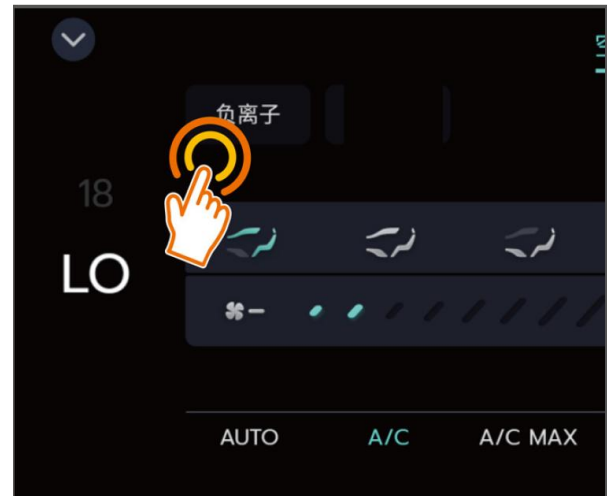


Turn the air outlet switch knob clockwise to close the air outlet and counterclockwise to open the air outlet. Toggle the grille in the middle of the air outlet up and down, left and right to change the blowing direction.



Roll the wheel up and down to open and close the middle discharge air outlet, toggling the middle grille of the air outlet up and down, left and right can change the blowing direction.

### Air purification system \*



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



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## Notes to Users

1. According to different models, special equipment and accessories are integrated. Your vehicle configuration may be slightly different from the description in these operating instructions. Please refer to the actual vehicle.
2. After the vehicle reaches a certain speed, some functions of the audio system may not appear on the screen. This is not a function failure, but to comply with the corresponding national or regional regulations.
3. The complex operation of the audio system will have a response time of several seconds. Please wait patiently. Disorderly operation will lead to slow processing in the background.
4. The driver must comply with relevant traffic regulations when using the audio system. Please park the vehicle in a safe place for operation, such as entering and changing the destination.
5. Before using the audio system, please read all relevant instructions carefully. Any damage caused by failure to follow the instructions will not be covered by the warranty.
6. To avoid short circuits, do not allow the unit to come into contact with water. Do not place or leave any metal in the device.
7. Do not open the device for maintenance by yourself. If maintenance is required, please contact the authorized service station of Dongfeng Forthing.
8. Do not use the entertainment system for a long time when the engine is shut down; otherwise, the 12V low-voltage battery will be depleted.
9. Do not touch, scratch or hit the screen with sharp object.



## Homepage

You can 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



### Page 2



1. Homepage button: Click this button on any interface to return to the homepage.
2. Media information area: It displays the currently played media information. Click it to quickly enter the application that is playing media.
3. Status zone:



Icon	Description
	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
	USB connection
	Bluetooth connection
	Hotspot on
	Mute
	Vehicle traveling data recorder status *: from left to right, it indicates that the vehicle traveling data recorder is abnormal, the memory card is abnormal, and the memory card is full.

4. 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.

## Shortcut Menu of Drop-down Bar

The shortcut menu in the drop-down bar can be activated by scribing at the top of the multimedia display screen.



1. Left shortcut control area:

Mute: Tap it to turn on/off 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 shortcut control area:

Standby: Click to enter the standby interface of the display screen.

One-click cooling: Click to enable/disable the one-click cooling function.

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

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

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

4. Multimedia control area: Tap it to pause/play the currently played media content and switch between up and down tracks.

## A/C Settings

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 status \*.

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

6. Air volume and direction regulation area of air conditioner.

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 Settings\*

The seat setting page can be entered through the A/C setting page.

Models supporting seat heating, ventilation and massage

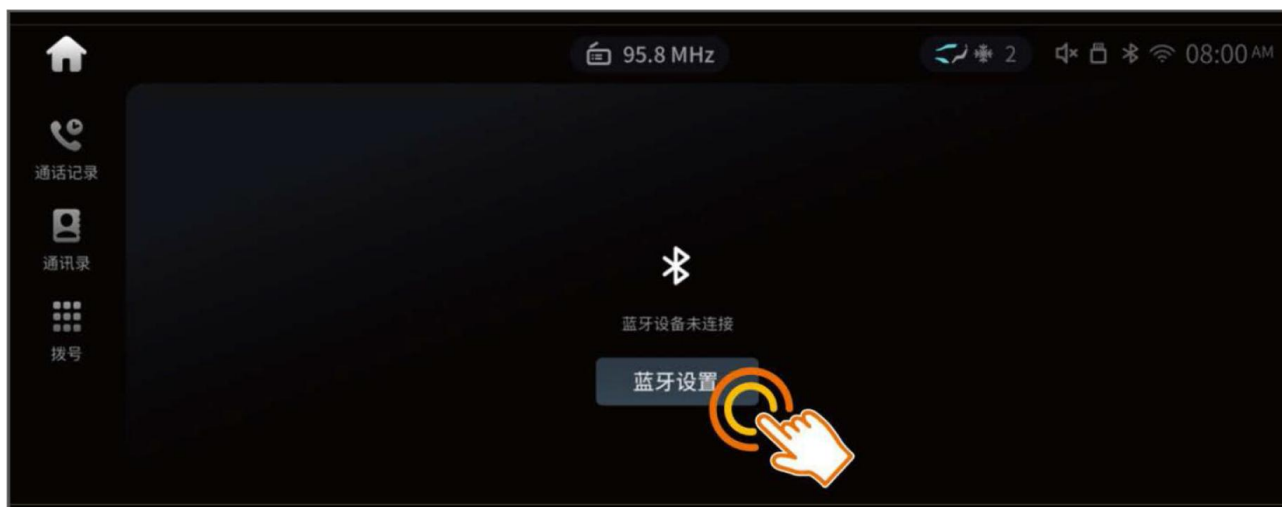


1. Switch between ventilation and heating and seat massage.
2. Seat ventilation opening and closing and gear adjustment.
3. Seat heating on/off and gear adjustment.
4. Seat massage and intensity adjustment.
5. Selection of seat massage mode.



## Bluetooth Phone

Click the [Telephone] icon on the main interface of the system to enter the Bluetooth telephone interface.



When the Bluetooth function is not enabled, the interface displays the Bluetooth settings. Click here to enable 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.

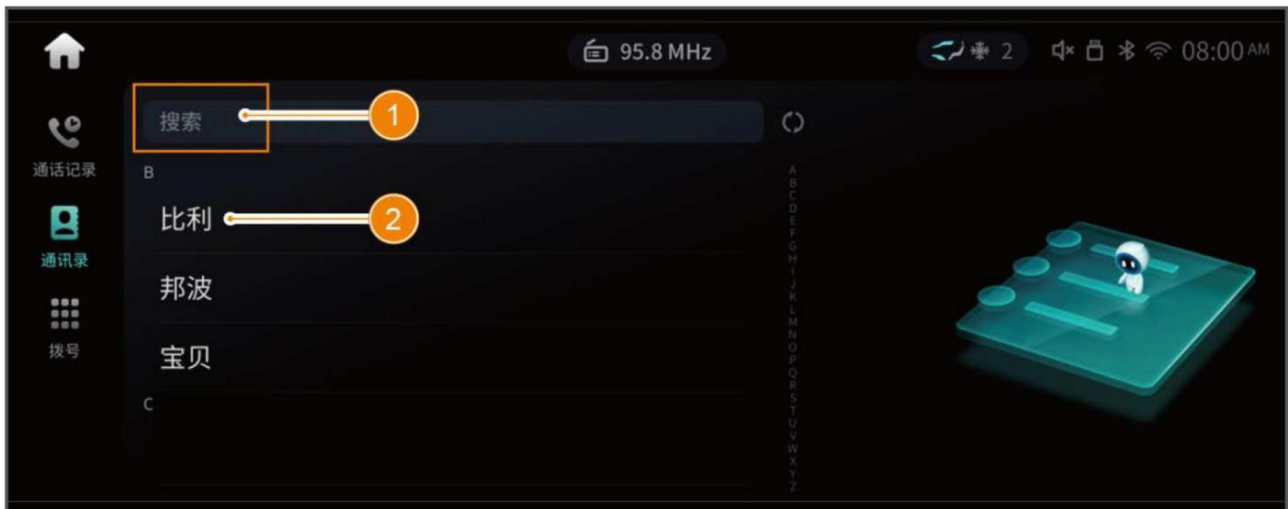
## Call history



1. Return to the homepage: Click to return to the main interface of the display screen.
2. Switching view of call records: Click to switch all/missed call records.
3. Synchronization function: Click to synchronize the phone call records and address book information.
4. Contact details: Click to view the details of the contact's call records.
5. Call record list: You can view the call record by scrolling up and down, and click any contact to make a call.
6. Switch to view call records, address book and dialing, and use relevant functions.

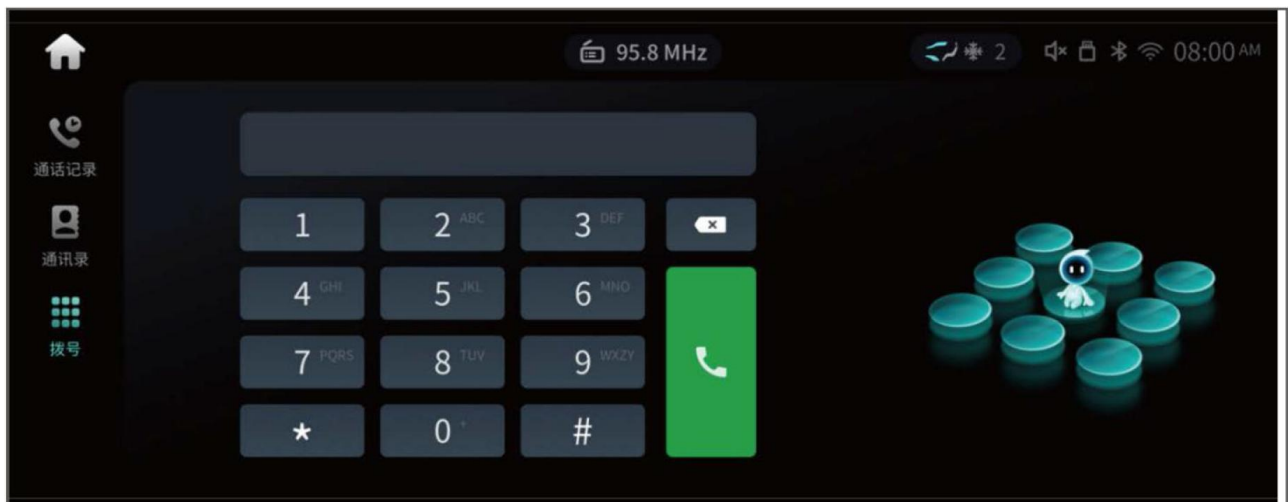


## Contact list



1. Address book search function: Click and enter keywords to search for saved contacts.
2. Address book list: You can view the address book by scrolling up and down, and click any contact to make a call.

## Dial



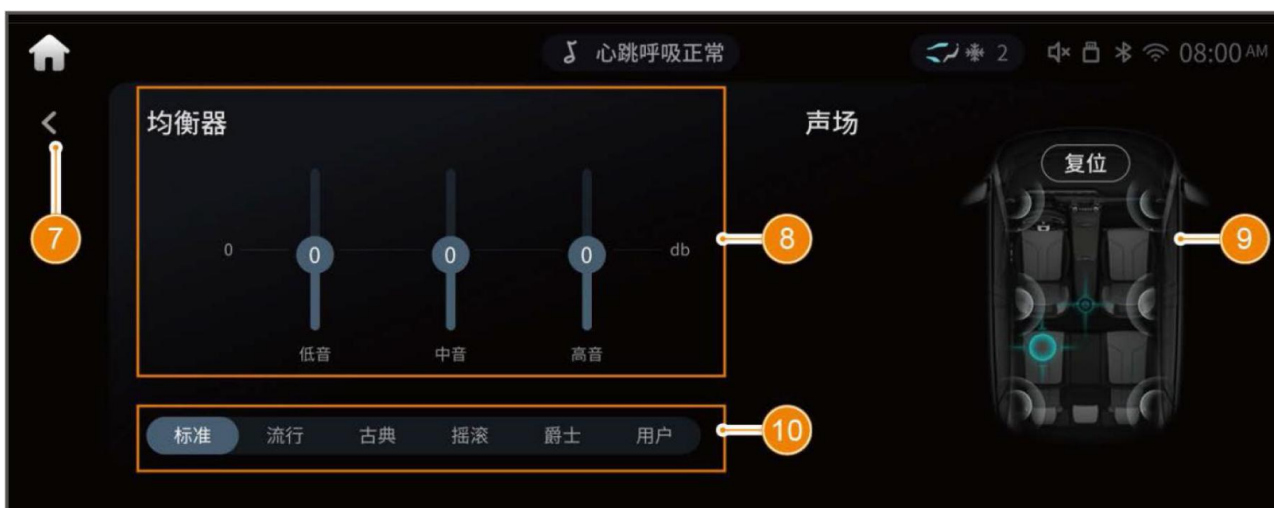
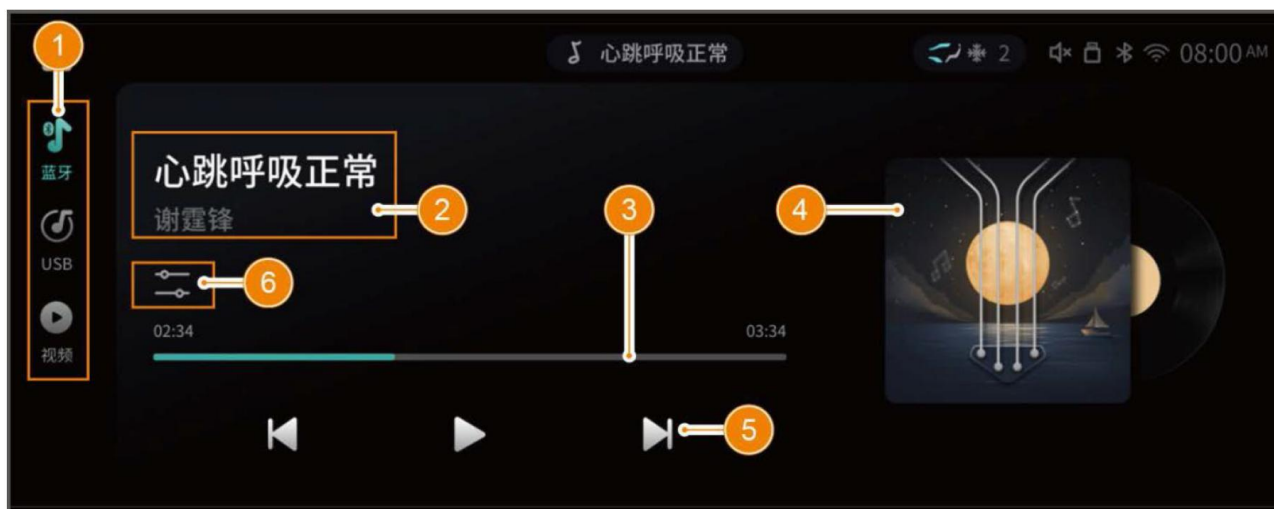
Dial keyboard: support direct dialing and dialing to search for contacts.



## Multimedia

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

### Bluetooth music



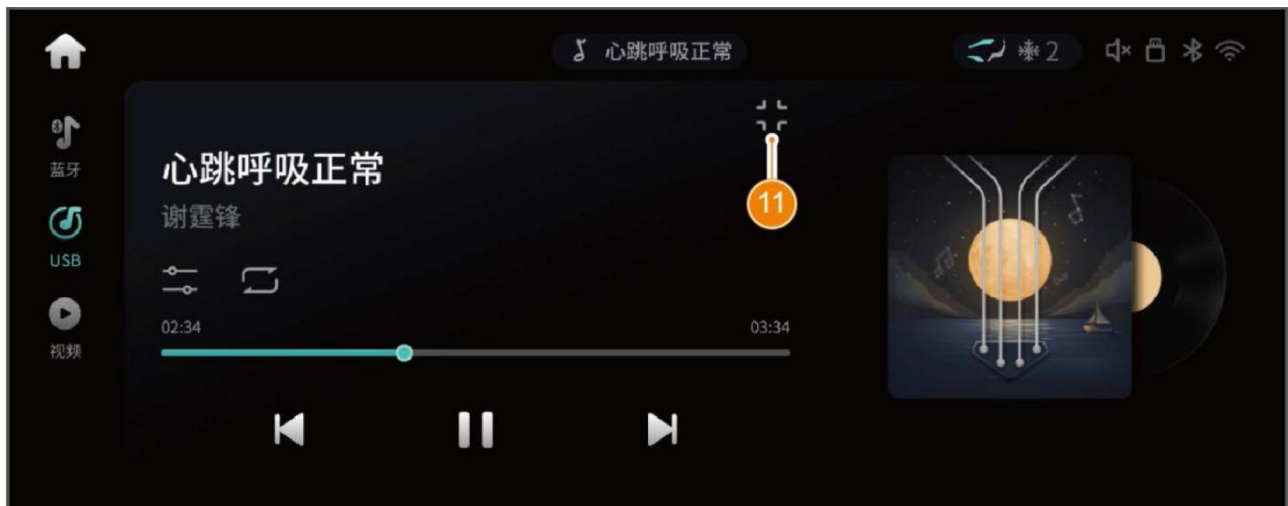


1. Tap to switch among Bluetooth music, USB music and USB video functions.
2. Bluetooth music information display area: display song name and singer name.
3. Progress bar control: Swipe left and right to adjust the play progress bar.
4. Bluetooth music information display area: display song album pictures/default 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. Return: Click on the sound effect adjustment interface to return 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: Click 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, you can click Bluetooth setting to connect Bluetooth if you want to enter Bluetooth music.

## USB Music



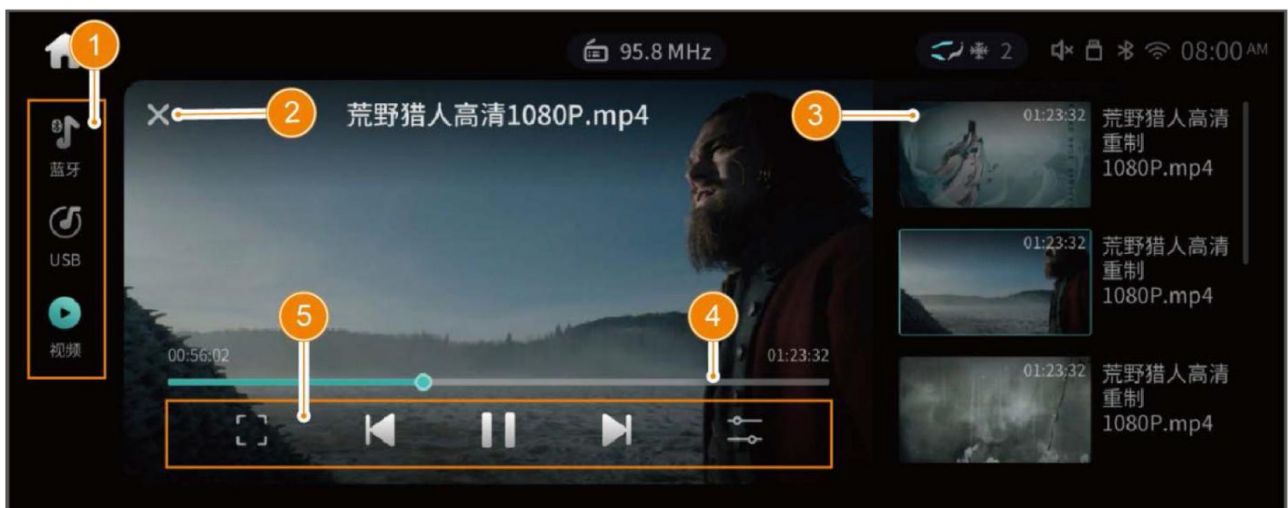




1. You can switch to Bluetooth music, USB music and USB video functions.
2. USB music information display area: display song name and singer name.
3. Full-screen display: Tap it to display USB music information in full screen.
4. List switching: Click to switch the music playlist/USB folder list.
5. Music list: You can scroll up and down to view the list, and click 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: Click to fold the full screen display status.

06

## USB video





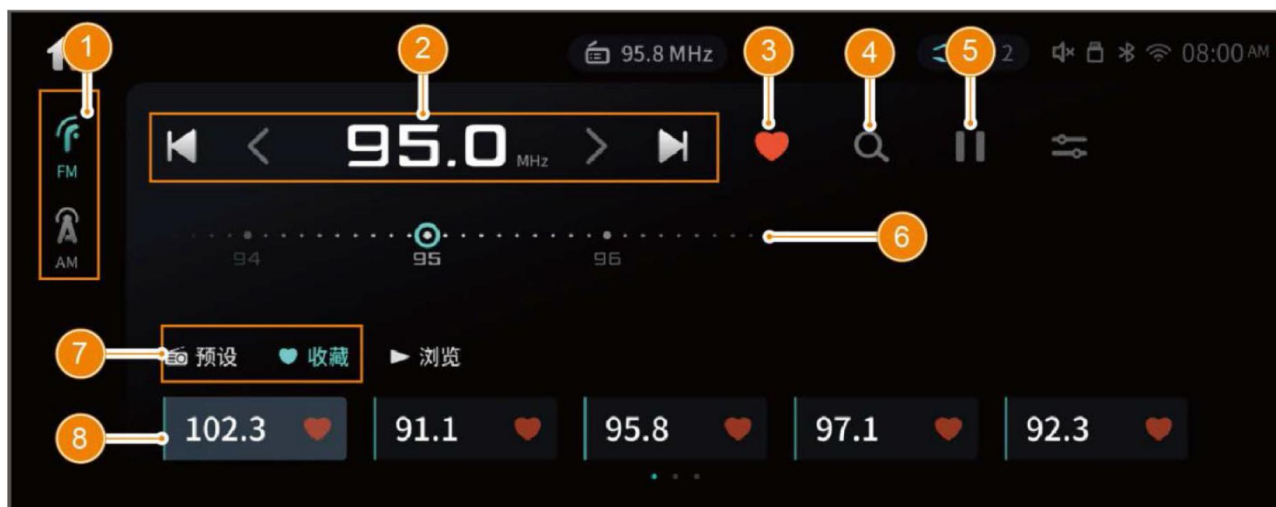


1. You can switch to Bluetooth music, USB music and USB video functions.
2. Close video: Click to close the current video.
3. Video play list: You can scroll up and down to view the list, and click the video in the list to play.
4. Progress bar adjustment: Swipe the progress bar left and right to adjust the video playing progress.
5. USB video play control: full screen play, play/pause, previous/next video switching, sound effect adjustment.
6. Back: click to back to the last interface.
7. Video play area: Click to call out the play control, and double click 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.
8. Fold full screen: Click to fold the full screen display status.
9. 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.



## Radio

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



1. FM/AM switching: Click to switch FM/AM frequency bands.
2. 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.
3. Add to favorites: Click to add the current radio station to favorites.
4. Radio station search: Tap it to search radio stations.
5. Play/Pause: Tap it to switch between play/pause.
6. Radio frequency band bar: Swipe left and right to switch frequency bands.
7. List switching: Click to switch the preset radio station/Favorite radio station list.
8. Radio station list: display the preset radio station/favorite radio station list.

## 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 your 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.





# 1. Personality memory:

A. It supports seat and rearview mirror memory, which can be saved to any of the 4 positions. Click any position to automatically adjust the seat during use.

B. This memory position is associated with the vehicle key and automatically adjusts the seat by identifying your vehicle key.

C. The seat information will be automatically saved to the currently selected position when the vehicle speed is greater than 20km/h.

2. Edit personalized memory name: Click **【↖】** to customize and edit the personalized memory name.

3. Add memory: Click to add the current seat information to the selected position.

4. Delete memory: Click to select any position to delete the memory information.

5. Save memory: Click to save the newly added personal memory or overwrite the previous personal memory.

6. Cancel deletion: Click to cancel the deletion operation



### Reversing Radar

After the reverse gear is engaged, the screen displays the following interface: the left image is the reversing image, and the right image is the reversing radar \*, which shows three safety levels of green, yellow and red from far to near according to the obstacle.



(\* The number of cameras varies depending on the vehicle model)

### Mobile Phone Interconnection

Click "Mobile Phone Interconnection" on the main interface of the system to enter the mobile phone interconnection desktop after connecting the mobile phone.





## Connection mode

Connection mode	Connection method
USB connection	Click "Mobile Phone Interconnection" on the main interface of the system, and then click "Click Download Mobile Phone APP" to pop up the QR code for APP download. Scan the QR code to download and install the "Driving Partner" APP. Connect the display screen and mobile phone with a USB cable. The "Driving Companion" will pop up automatically. Follow the prompts on the main interface of the system to connect successfully.
WiFi connection	Click "Mobile Phone Interconnection" on the main interface of the system, and then click "Click Download Mobile Phone APP" to pop up the QR code for APP download. Scan the QR code to download and install the "Driving Partner" APP. Turn on the hotspot of the mobile phone, connect the display screen to the hotspot of the mobile phone, turn on the "Driving Companion", and operate according to the prompts on the main interface of the system to successfully connect.

## G-link



Function name	Function description
Online navigation	The online navigation function can be used after the mobile phone is connected.
QQ Music	QQ Music Online Music, click to use it (synchronize with the mobile app, and install QQ Music on your mobile phone).
Himalaya	Himalayan online radio, click to use.
Local music	Read/play the local music of the mobile phone, and click to use it.
Network radio station	Click to listen to network radio stations in various places.
Vehicle-mounted desktop	Click to return to the local main interface.



Telephone	The function is the same as that of Bluetooth phone.
Intercom	The real-time intercom function requires two devices interconnected by EasyConnection mobile phones.
Personal	Click to enter the personal center on the mobile phone for relevant settings.
Application management	Mobile phone interconnection screen projection function: Click to add a mobile phone application. After adding, the mobile phone application screen projection can be realized on the display screen.

## Special circumstances

1. To ensure the connection reliability, when using WiFi connection, please enter the hotspot setting of the mobile phone and set the AP frequency band from 2.4Ghz to 5.0Ghz. If the mobile phone does not support the 5.0 GHz frequency band, it is recommended to use USB connection for connection.
2. When using the mobile phone interconnection screen projection function, if the screen projection is not clearly displayed, please enter the mobile phone "Driving Partner" APP, and change the screen mapping coding mode from hard coding to soft coding in the driving partner setting.

## Settings

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

### General settings



1. Click 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 and night mode, video warning during driving.
Sound	Media volume, telephone volume, key tone.
Sound effect adjustment	Equalizer, sound field.

(\* Supported for some models)

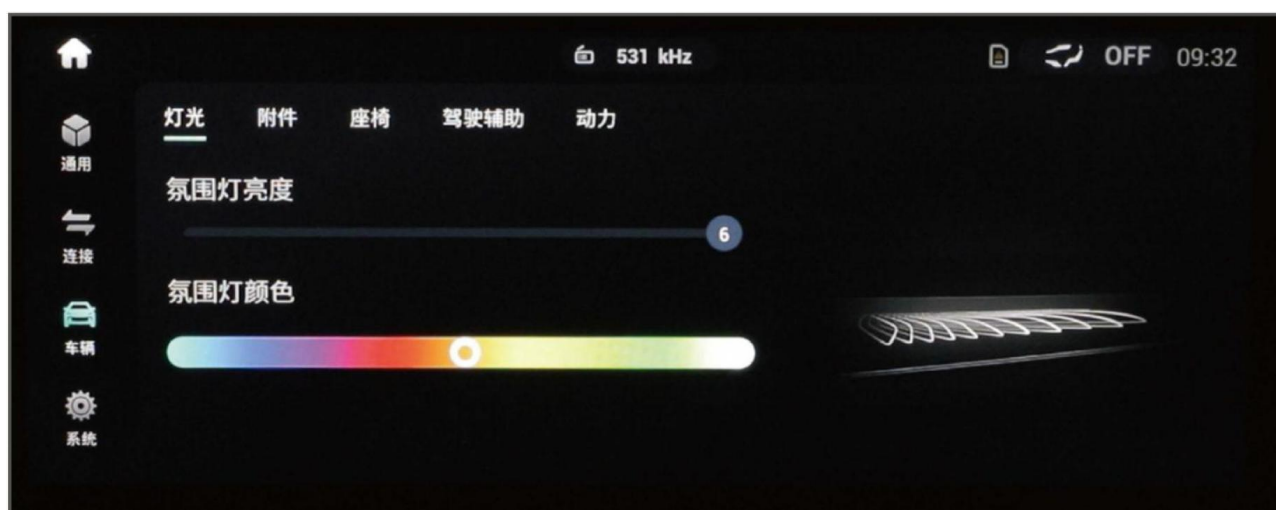


## Connect settings



Connection settings include: Bluetooth, WLAN and network hotspot.

## Vehicle settings



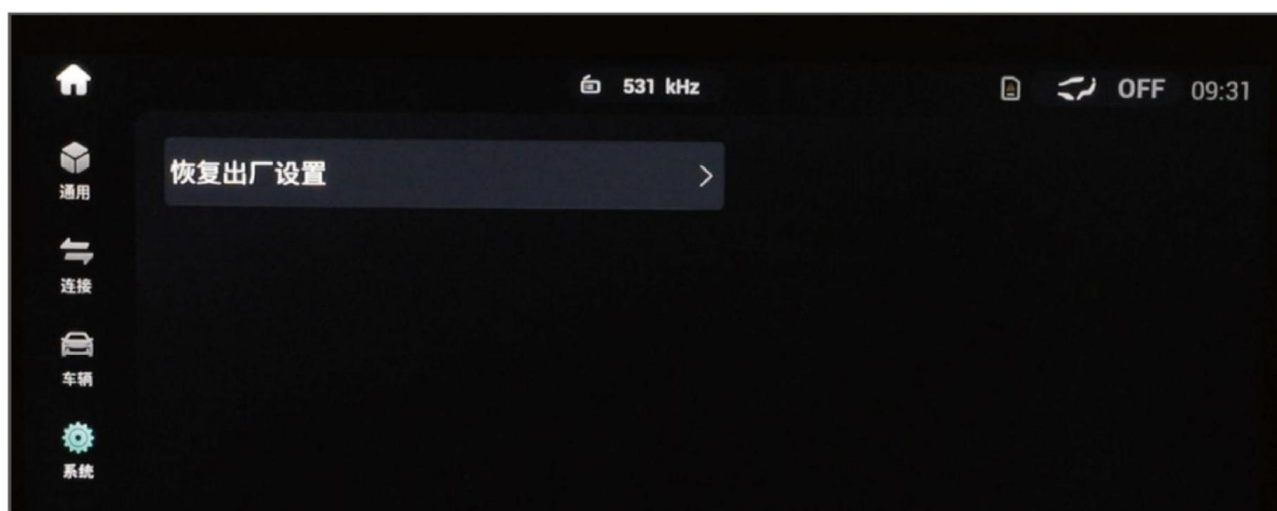
Vehicle settings include: lighting \*, accessories, driving assistance \*, seats \* and power settings.



Module	Included functions
Lighting*	Adjust the brightness and color of the atmosphere light.
Attachment	Automatic folding of rearview mirrors, adjustment of maximum opening angle of liftgate, adjustment of headlight height, feedback of remote locking, remote window closing setting, turning down of reversing rearview mirrors, steering mode setting, braking mode setting and steering wheel button customization.
Attachment Steering Wheel Button Customization	Customize the steering wheel button functions, including standby, mute and photographing. The default is standby.
Seat*	The seat heating, seat heating, seat ventilation and seat ventilation are automatically turned on, and the temperature adjustment is automatically turned on, which is convenient for getting on and off.
Driver assist*	Lane change assist setting, door opening warning system setting, rear crossing warning system setting, high beam automatic control switch, front collision warning system setting, lane departure warning system setting.
Power	Energy recovery level setting, comfort parking switch, pedestrian alarm switch.

(\* Supported for some models)

## System settings



The system is provided with the factory reset function.



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### Storage device

#### Door storage slot



The front and rear door interior trim panels are equipped with door storage slots for placing water cups and other items.

#### Instrument panel storage box



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

### Central armrest box



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



There are vents in the central armrest box. Turn the switch to open or close the vents.



### Auxiliary instrument panel storage

Upper storage compartment of auxiliary instrument panel



The upper part of the auxiliary instrument panel is equipped with a storage compartment, which can store mobile phones and other items. Press the opening button of the storage compartment to open the cover plate of the storage compartment. When closing, press the cover plate until you hear a “click” sound.

副仪表台下部储物槽（无新图）



A storage tank is set at the lower part of the auxiliary instrument panel to store small items such as mobile phones and keys.

### Glove box



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

### Cup holder

Front passenger cup holder



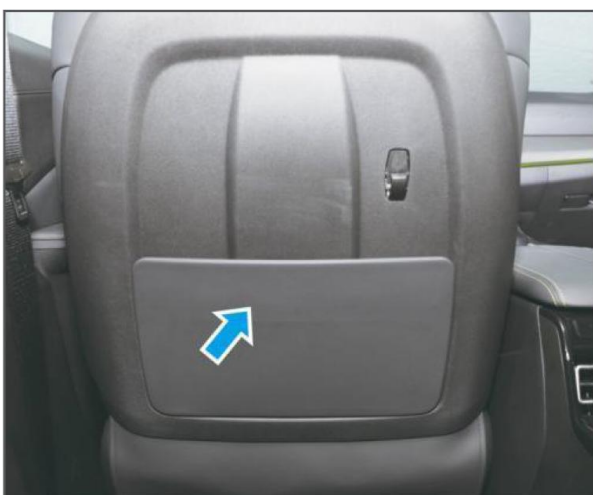


### 后排乘客杯架



The cup holder can be used to place tea cups, drink bottles and other items for traveling.

### Seat back magazine bag



The magazine bag is located on the back of the front row seats and is used to place magazines, paper towels and other small items.

### Glasses case



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

## Other devices

### Sun visor



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



## Toilet glass



The inside of the sun visor is equipped with a vanity mirror. Turn down the sun visor and push the vanity mirror cover to the left/right to use.

## Mobile phone bracket



## 顶部拉手



Top handle can support the body when needed

## Hook

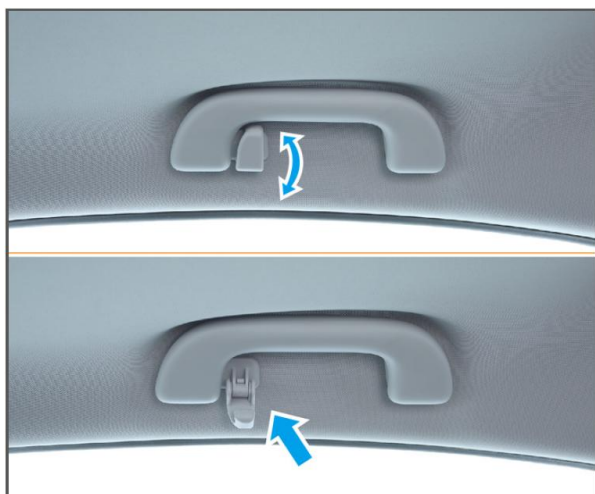
### Instrument console hook



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



### Coat and hat hook



Some top handles are equipped with clothes



#### Attention

Do not hang a coat hanger or other hard objects on the coat hook. When the side curtain airbag is deployed, these objects may be ejected and cause injury to passengers.

### Seatbackhook



The hooks on the back of the front seats are provided for passengers.

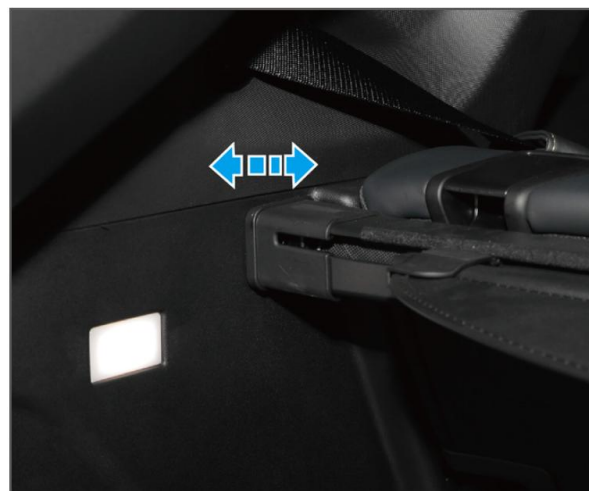


#### Attention

The maximum load capacity of the hook is 3KG, please do not hang overweight items

### Retractable curtain \*

#### Installation and removal



1. Press the two ends of the rolling shutter towards the middle to retract and then clip it onto the vehicle fixing slot. After installation, shake it to check whether it is installed in place.

2. Disassemble according to the installation steps.

#### Expand and retract



1. Pull open the curtain handle, and clip the two side clips into the corresponding slot of the side wall to expand the retractable blind.

2. Withdraw the steps and reverse the steps.



#### Attention

The folding shutter is a decorative part, which can cover the trunk. To ensure your safety, please do not put anything on it.



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### Start the vehicle

#### Start switch mode



Bring the intelligent key that matches the vehicle into the car.

This gear is the gear when the vehicle is off, and the indicator light of the start switch is breathing/blue light.

When the vehicle is in "OFF" gear, no Press the brake pedal, press the start switch, and the indicator light is breathing/blue light. When the vehicle switches to "ACC" gear, some related functions such as audio-visual entertainment system can be used.

When the vehicle is in "ACC" gear, press the start switch without depressing the brake pedal, and the indicator light is breathing/blue light. 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.

The gear after the vehicle is started. When the start switch is in the "OFF/ON/ACC" position, press the brake pedal to confirm that the shift lever is in the P/N position, and then press the start switch to directly start the vehicle. At this time, the start-off indicator is blue and always on.

### Start the vehicle power system

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

1. The gear is in the P or N position.
2. Press the brake pedal until the READY indicator of instrument cluster lights up.
3. Press the start switch, the indicator light of the start switch changes from breathing/blue light to blue light, and the vehicle starts.

#### Attention

- The ready indicator light indicates that the vehicle is in a drivable state.
- If the READY indicator flashes, it means that a door is not closed properly, please check the door closing.
- The distance traveled by the vehicle is related to the remaining power of the power battery and the driving power of the vehicle.
- If the temperature outside the car is extremely low, the power battery is unavailable at this time, so you must wait until the conditions are improved before driving. In this case, the vehicle cannot be started, and the READY indicator will not light up. If you use your car in an extremely low temperature environment, please give priority to indoor parking.
- The discharge capacity of the power battery will be greatly limited at extremely low temperature. To avoid the difficulty of starting the vehicle after parking, please keep the power battery at a high level when parking the vehicle.
- After the ready indicator light is lit, the vehicle is in a drivable state. When not driving, please ensure that the vehicle is in P or N gear.



### The vehicle failed to start

If the READY indicator light of the vehicle is not lit, it means that there may be a power failure affecting the vehicle starting or the starting bar is not satisfied. Please check according to the prompt of the instrument cluster.

1. The instrument cluster displays [electronic anti-theft failed], and check whether the intelligent key is in the car and close to the front cup holder.
2. The combination meter indicates that [the power is too low] or the combination meter cannot light up, which indicates that the power of the 12V low-voltage battery may have been exhausted. You can try to start the vehicle by jumper. See "Jumping Start-up" in Chapter 10 "Emergency Self-help Treatment" for details.
3. Instrument cluster prompts [power system failure] Please contact Dongfeng Fengxing Special Service Station at this time.

### Intelligent key starts with low power

When the electric power of the intelligent key is too low or out of charge, you can use the mechanical key inside the intelligent key to open the car door, then put the intelligent key in the first cup seat of the front cup holder (in front of the car), and press the start switch while pressing the brake pedal.

### Shiftoperation



1. P gear button
2. Driving mode button

The instrument cluster will display the gear in which the vehicle is located.

### Gear introduction

#### P gear (parking gear)

Park, or use this gear when the vehicle is ready to drive. You can enter the P gear by pressing the P gear button on the shift handle. Be sure to stop the vehicle completely before shifting into P gear.

#### D gear (driving gear)

You can only enter the D gear when the vehicle is started. Use this gear when driving forward.

#### R gear(reverse gear)

You can only enter R gear when the vehicle is started. Use this gear when reversing. Always stop the vehicle completely before shifting into R gear.

#### N gear (neutral gear)

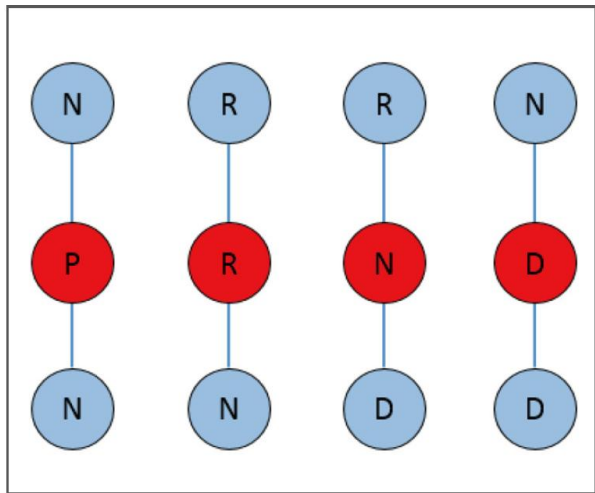
When the vehicle is in this gear, the driving motor cannot output power, and the reducer will not provide auxiliary parking.

### Driving operation

#### Shift method

The vehicle should always press the brake pedal before starting, otherwise the vehicle will move by itself when it is in the driving position. After the vehicle is started, normal gear shifting can be performed.

After each shift operation, the shift lever will return to the middle position, and the gears will be distributed from front to rear in the R- N-D sequence.





### Switch P gear

After the vehicle comes to a complete stop, press the P key to enter the P gear.

### Switch R gear

After the vehicle starts, press the brake pedal and push the shift lever up to the R position.

### Switch N gear

#### P-N gear:

Press the brake pedal and push the shift lever up or down to the N position.

#### R-N gear:

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

#### D-N Gear:

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

### Switch D gear

After the vehicle starts, press the brake pedal and push the gear down to the D position.

### Description of shift conditions

1. When the vehicle is not started, the gear can only be switched between P gear and N gear.
2. To exit the P gear, you need to push the shift lever and press the brake at the same time.
3. To enter the R gear, you need to push the shift lever and press the brake at the same time.
4. To enter the D gear, you need to push the shift lever and press the brake at the same time.

### Driving mode switching



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

You can cycle between Normal → SPORT → ECO → Normal.

#### Standard mode (Normal)

Comprehensive vehicle power and economy, suitable for all kinds of roads.

#### SPORT mode (SPORT)

Improve the power of the vehicle, and bring a higher level of response speed and driving experience. Suitable for flat pavement with less vehicles.

#### Economic model (ECO)

At this time, when the vehicle is running in a relatively economical and energy-saving state, the power will decrease, the power of the air conditioner will be limited, and the cruising range will increase.



## Energy recovery

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

### Sliding energy recovery

Sliding energy recovery can convert the kinetic energy of the vehicle into electric energy and charge it into the power battery, which inevitably leads to energy loss. The most economical and energy-saving way is to use all the energy of the vehicle for the vehicle to drive.



The taxiing energy recovery has the effect of braking and deceleration. According to the driving habits, the taxiing energy recovery can be set to one of three gears: low, medium and high. This gear can be memorized automatically. In the gear with weak coasting energy recovery, energy recovery will not be carried out (if you need to slow down, you can also recover braking energy when you step on the brake).

### Brake energy recovery

When the brake pedal is depressed, the vehicle will enter braking energy recovery. Generally, braking energy recovery is more powerful than taxiing energy recovery, which can reduce the vehicle speed in a short time and recover more energy to charge into the power battery, so that the vehicle can achieve better energy-saving effect.

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

2. The speed is too low. The model has creep function, when the vehicle enters D/R gear. When the accelerator pedal is not depressed and the brake pedal is released, the vehicle will run at a lower speed (the same as the idling speed of the traditional vehicle), and the taxiing energy cannot be recovered.

3. The environment temperature is extremely low or too high, which severely limits the charging capacity of the power battery.

4. The higher the vehicle speed, the greater the driving resistance of the vehicle. In order to maintain good driving comfort, the higher the vehicle speed, the taxi energy recovery is not required (the vehicle speed in the middle grade is lower than that in the high grade without energy recovery).

5. When the taxiing energy recovery level is weak.

6. The safety auxiliary system of the vehicle is activated (such as ABS, etc.).

7. The vehicle has a fault that restricts driving. In case of failure, please contact Dongfeng Forthing Special Service Station.

### Lame mode

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

### Startup requirements

1. Please don't continue to start after several startup failures, and contact Dongfeng Fengxing Special Service Station as soon as possible.

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



### Driving requirements

1. Do not overload or overload the driving motor.
2. Do not turn off the power switch when the vehicle is running.
3. When the vehicle is running, the power drops. Please contact Dongfeng Fengxing Special Service Station as soon as possible.
4. Do not drive on the terrain that easily hits the bottom of the vehicle.
5. Confirm the trouble-free alarm signal of instrument cluster before driving.
6. When the instrument cluster indicates that the power battery is too low, do not drive for a long distance, and charge it as soon as possible.

### Parking or parking

When parking, put the vehicle in the P gear and pull up the EPB switch.

### Noise and vibration

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

The following noises and vibrations are normal:

1. Noise of driving motor and transmission system during operation.
2. Noise caused by intermittent operation of electric vacuum pump.
3. Noise and vibration of relay opening and closing when starting and closing high voltage system.
4. When the vehicle is running at low speed, the sound of pedestrians approaching the vehicle sound warning system when working.
5. Noise when the water pump and cooling fan are running during charging.

## Electrical Park Brake

### Electrical Park Brake switch



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

### EPB activation and deactivation

**Enable:** After the vehicle stops, pull up the EPB switch, the manual parking is completed, and the parking status indicator lights up.

**Release:** Press the brake pedal and EPB switch at the same time, the parking brake is released, and the parking status indicator goes out.

### Emergency braking function

This function can only be used when the brake pedal fails or is blocked. By continuously pulling up the EPB switch, the vehicle can be braked with the electronic parking function in an emergency. As long as the EPB switch is released, the emergency brake can be exited.



### Attention

The emergency braking function should be avoided as far as possible. On the road with large curvature, bad road conditions or slippery roads, the use of emergency braking function may lead to tail-swinging and side-sliding.



### Automatic hold function



Automatic parking function can help drivers start more comfortably at ramp sections or traffic light intersections. The function can be turned on or off by the AUTO HOLD switch. After the function is turned on, the system keeps braking when the driver releases the brake pedal at the ramp start or traffic light intersection.

#### AUTO HOLD open condition:

1. Start the vehicle.
2. The driver has fastened the seat belt.
3. All doors of the vehicle have been closed.

#### Turn on AUTO HOLD function.

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

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

3. When starting, no matter on a flat road or on an uphill or downhill road, the accelerator pedal must be pressed before the parking is automatically released, otherwise the vehicle may not be able 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 goes out. The automatic parking indicator on the instrument cluster changes from green to red.

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

### Traction control (TCS) system

Traction control system (TCS) function can reduce the wheel slip in its rotation direction by appropriately braking the driving wheels during driving.

### Driving advice

#### night driving

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

1. Drunk driving is strictly prohibited.
2. Adjust the rear-view mirror position in the vehicle to reduce glare.
3. Keep a larger distance from the car in front.
4. Drive carefully and watch out of animals
5. Drive at low speed.
6. Pay attention to the dazzling lights of the passing car, slow down the speed and avoid looking directly at the headlights of the oncoming car.
7. Don't drive tired. If you are tired, you should park your vehicle at a roadside safety place to have a rest.
8. Keep all the glass clean and tidy, and avoid dazzling light and blocking the line of sight.



### drunk driving

Do not drink and drive. Drunk driving is very dangerous. Even a small amount of alcohol can affect people's reaction, perception, attention and judgment. Drunk driving will not only cause accidents, but also lead to serious casualties.

Traffic authorities will impose corresponding penalties on drunk driving according to the provisions of the Road Traffic Safety Law.

### Wading

Please do not drive on the road with deep water, because the driving motor, electrical device, etc. will easily be broken or damaged when the vehicle is wading, and the braking performance will be reduced.



#### Attention

- When vehicles pass through roads such as stagnant water or mud, the braking effect may be affected and the braking distance may be prolonged, which may lead to accidents!
- After wading, avoid quick acceleration or emergency braking immediately.
- When driving in water, some parts of the vehicle, such as the driving motor and electrical devices, may be damaged.
- After wading, when traffic conditions permit, the brakes must be cleaned and dried as soon as possible by intermittent braking. It can not affect other traffic participants and avoid traffic accidents.
- The waves caused by the oncoming vehicle may exceed the allowable wading height of the vehicle.
- There may be potholes, mud pits or stones hidden in the water, which will increase the difficulty of wading or hinder wading.
- Try to avoid driving on the road with more accumulated water. After driving on the road with more accumulated water, it is recommended to go to Dongfeng Fengxing Special Service Station to conduct a comprehensive inspection of the vehicles, check out hidden dangers and ensure driving safety.

### Long distance driving

Please make sure that you have made relevant preparations and try to have a good rest before long-distance driving.

Please check the following parts of the vehicle before you travel:

1. Check whether the washer solvent reservoir is full and whether the inside and outside of all windows are cleaned.
2. Check whether the oil reaches the specified oil level.
3. Check whether all the lights are working properly.
4. Check whether the surface of the lamp is clean.
5. Check whether the tread pattern of tires 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 when driving in rainy days:

1. Heavy rain will worsen the sight and increase the braking distance. Please be sure to slow down.
2. Always check the wiper. If there are streaks or missing scraping areas on the front windshield glass, please replace the wiper blade in time.
3. If the vehicle tires are in poor condition, braking on the slippery road may cause the vehicle to slip and even cause accidents, so please make sure the vehicle tires are in good condition.



4. Turn on vehicle headlights and hazard warning lights.

5. Please be sure to slow down and walk slowly when passing through the waterlogged pavement.

6. If the brake is wet, please lightly step on the brake pedal while driving until the brake returns to normal.

7. In the process of driving, please don't swerve or slam the brakes to avoid accidents.

8. After wading, you can slowly step on the brake pedal to dry the brake when driving at low speed.

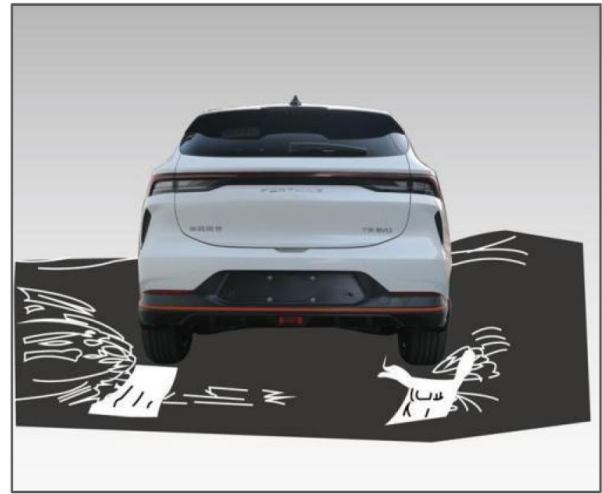
### Driving on ramps and mountain



When driving on ramps and mountain roads:

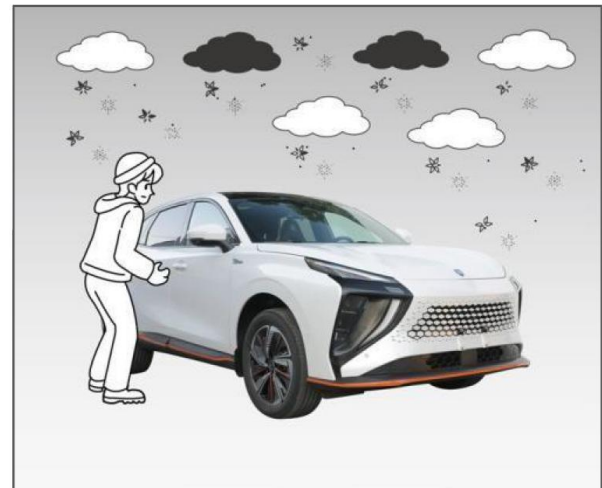
1. Please keep the car in good condition.
2. Pay special attention when going uphill and crossing the top of the slope. There may be obstacles in your driveway.
3. You may see special warning signs on mountain roads, so you should pay attention to these signals and take appropriate measures when driving.

### Driving on ice and snow road



1. When driving in snow, use snow wheels as much as possible.
2. When driving in the snow, high speed, rapid acceleration and tight.
3. When driving on the ice ground, emergency braking will cause the vehicle to tail, please keep a safe distance.

### Driving in winter





The harsh driving environment in winter will increase the wear and tear of vehicles or cause vehicle failures. Refer to the following suggestions to reduce the probability of failure:

1. Check the coolant specification to confirm whether the freezing point is suitable for the expected temperature in winter.
2. Check the wiper to ensure that the wiper blade can scrape freely.
3. Carry appropriate emergency equipment according to weather changes.

### Electric power steering

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



Click Settings-Vehicles-Accessories-Steering Mode Settings in the display screen to select the steering mode. Including: standard, comfortable and sports modes.

**Standard:** Moderate steering power, suitable for ordinary driving.

**Comfort:** the steering power is increased and the steering is easier.

**Exercise:** the steering power is reduced, and the steering feel is steady.

### Attention

- Please select the steering mode when the vehicle is stationary and the steering operation is not performed.
- When parking or driving at a very low speed, if the steering wheel is repeatedly turned or the steering wheel is turned to the end for a long time, the electric power steering system will overheat, and the power of the steering motor will be reduced or even temporarily unable to provide power. To avoid this situation, try not to have similar operations.
- When the steering wheel is turned quickly, rubbing sound may be heard, which is not a fault. If the electric power steering fault indicator lights up when the vehicle is running, it means that the steering power is abnormal. At this time, it is necessary to turn the steering wheel harder. Please reduce the speed as soon as possible and stop at the roadside safely. Turn off the power supply for five minutes and restart the vehicle. If the fault light no longer lights up, you can drive normally. If it still lights up, please drive safely and contact Dongfeng Fengxing Special Service Station as soon as possible.

### Brake assist system

#### Brake assist system

In most dangerous situations, drivers can brake in time, but the force of depressing the brake pedal is insufficient, which leads to the increase of braking distance. For vehicles with brake assist system, the hydraulic assist brake system will be activated when the brake pedal is quickly pressed while the vehicle is running. At this time, the brake assist will generate a larger braking force than that during normal braking, thus shortening the braking distance.

#### Braking priority

The brake priority system can automatically reduce the driving force of the vehicle to zero when it detects that the driver tries to apply the brake without success.



## Antilock brake system

### Principle of operation

ABS system controls the brakes of the vehicle, and adjusts the braking force by detecting the rotational speed of each wheel to prevent the wheel from locking and sliding. During vehicle braking, the steering wheel can still be used to steer to avoid collision.

### System self-test

The ABS system has built-in self-test function, and it will perform self-test when starting the vehicle and driving at low speed. If there is a fault, the self-test function will turn off the ABS system and light up the ABS system fault warning lamp on the instrument cluster. At this time, the braking system works normally, but the ABS system doesn't work. If the ABS system fault warning lamp lights up during self-inspection or driving, please contact Dongfeng Fengxing Special Service Station.

### Normal work

The ABS system will automatically turn on when the vehicle speed reaches 5km/h or more. When the ABS system detects that one or more wheels are close to the locked state, the actuator acts quickly to release and restore the braking force. When the actuator is working, it may feel the slight vibration of the brake pedal and hear the vibration noise from the actuator under the engine compartment cover, which is in a normal state, indicating that the ABS system is working normally.



### Attention

- ABS system cannot reduce the braking distance.
- During emergency braking, the steering should be moderate.

## Electric Brakeforce Dis-tribution system

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 Program system

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

### Electronic Stability Program switch



The ESP system is turned on by default. When the ESP switch is pressed, the ESP system is turned off, and the ESP electronic stability system off indicator on the instrument cluster lights up.

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

After the ESP system is turned off, press the ESP switch again, the ESP system will automatically turn on, and the ESP electronic sub-stability system off indicator on the combination meter will go off.



### Hill-start Assist Control

When the vehicle starts on a steep or smooth slope, when the driver switches from the brake pedal to the accelerator pedal, the vehicle may slide down, which makes it difficult to start. To prevent this from happening, HHC system will apply braking force to four wheels for a short time (about 2s at most) to prevent the vehicle from sliding down.

#### Warning

- Don't rely solely on HHC system to avoid vehicles in Ramp down.
- When a vehicle is parked on a steep slope, icy or muddy road, the brake pedal should be pressed to prevent the vehicle from sliding backwards.

HHC system will work automatically under the following conditions:

1. When the gear is in the D or R gear and going uphill.
2. Press the brake pedal to brake, and the vehicle comes to a complete stop on the ramp.

HHC system will not work under the following conditions:

1. When the gear is in N gear, P gear or the vehicle is on the horizontal road surface.
2. When the ESP electronic stability control system off indicator in the instrument cluster lights up.

### Hill Descent Control system

HDC system allows drivers to smoothly pass through steep downhill sections without stepping on the brake pedal.



Press the HDC switch, and the working indicator of the steep slope descent system on the instrument cluster lights up, indicating that the HDC system is turned on. When the HDC switch is pressed again or the vehicle speed exceeds 60km/h, the working indicator of the steep slope descent system goes out and the HDC system is turned off.

#### Braking of steep slope descent system

When a vehicle descends a steep slope, when HDC system is turned on, the system will actively brake to keep the vehicle speed within the range of 8km/h to 35 km/h. The driver can adjust the speed required to descend a steep slope by depressing the accelerator or brake pedal within this speed range.

When HDC system is actively braking, the working indicator of steep slope descent system on the instrument cluster flashes, and the vehicle brake light will light up. At the same time, the ESP system of the vehicle will make the sound of the motor working, which is a normal phenomenon.

#### Warning

- Before using the steep slope descent function, the driver needs to confirm that the system is on.
- The steep slope descent function only controls the vehicle speed through active braking. Drivers should always pay attention to controlling the vehicle to ensure driving safety.



Braking assistance

When the force exerted on the brake pedal exceeds a certain degree, the brake booster will be turned on. At this time, even if the brake pedal is lightly stepped on, a larger braking force will be generated, which is a normal phenomenon.

Traction Control System

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

Turn on/off CST system



Click the [Setup]-[Vehicle]-[Power]-[Comfortable Parking] switch on the display to turn it on or off. After the vehicle is restarted, CST system will remember the last setting state.

Electronic mechanical brake system

Brake-by-wire system can detect the driver's braking intention, so as to provide braking pressure.

Attention

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

- When the vehicle start switch is placed in ACC/ON position, it will produce a short "buzz" sound, which is the sound of brake-by-wire system self-checking, and it is a normal phenomenon.
- When the vehicle accelerates to about 15km/h, it will also produce a short "buzz" sound, which is the sound of ABS system self-checking, and it is a normal phenomenon.
- When the brake-by-wire system works normally, there will be sound, which is mainly reflected in the following aspects:
  1. The sound of motor, solenoid valve and pump action in brake-by-wire system. The sound caused by the rebound of brake pedal.
  2. After the vehicle power is turned off, in 5 ~ 10 min, Brake-by-wire system performs self-inspection, and the self-inspection process will produce sound is a normal phenomenon.

Parking Distance Control

Introduction

Parking assistance system can assist the driver to observe and perceive the surrounding environment during low-speed driving or parking, and provide visual and audible tips or warnings for the driver when there are obstacles that hinder driving or parking.

The main functions of the parking assistance system include:

1. Parking radar system.
2. Reversing images.
3. Panoramic scanning system\*
4. Fully automatic parking\*



## Parking radar system

The parking radar system can detect the obstacles around the vehicle when the vehicle is running at low speed, and give a warning when the vehicle approaches the obstacles, so as to assist the driver to ensure the safety of reversing.

According to different configurations, radar sensors of parking assistance system can be divided into two categories:

### Type 1

Four radar sensors in front and four radar sensors in rear.

### Type 2

Six radar sensors in front and six radar sensors in rear. When the parking assistance system is started, the system will automatically check whether the function is normal. If the buzzer of the system beeps for 3 seconds, it indicates that the system is faulty. Please contact Dongfeng Fengxing Special Service Station.

### Front radar



The shortcut menu of the pull-down bar can be called up by performing the pull-down operation at the top of the display screen, and the front radar system can be turned on and off by clicking [front radar].

### Open

When the start switch is set to the "ON" position, the front radar system is in the state set after the vehicle power was turned off last time.

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

1. The front radar switch is on.
2. The shift lever is in the non-P position.
3. After starting, the vehicle speed is less than 15km/h or decelerated from a higher speed to 10km/h while driving.
4. EPB switch is released.

### Attention

The front radar switch controls the radar sensor on the front bumper. When this switch is turned off, the front radar system will not work. If it is in automatic parking mode, the front radar system can work. After exiting the automatic parking mode, the front radar system does not work.

## Reversing radar

### Open and close

1. The start switch is in the "ON" position.
2. When the R gear is engaged, the reversing radar will automatically turn on, and the system will automatically turn off after exiting the R gear.

### detection range

The detection range of radar sensor of parking assistance system is shown in the following table:

Sensor position	Maximum detection distance (cm)
Both sides	60
Middle part	150
Front two sides	60
Anterior middle	120

### type of alarm

Parking assistance system sends out intermittent alarm sound or long alarm sound on the combination meter according to the distance between the radar sensor and the obstacle. The shorter the distance, the shorter the interval between alarm sounds. When the obstacle is 30cm away from the vehicle, the long alarm will be triggered, accompanied by red radar band display.



## Type 1



### Attention

- The front radar only displays the radar panel on the panoramic interface, and does not give audible alarm.
- When the panoramic interface is not entered, the front radar only provides audible alarm, but no display alarm.

### Fault display

A single radar sensor in front of the vehicle is faulty, and other sensors in front do not work. A single radar sensor at the rear of the vehicle is faulty, and other sensors at the rear are inoperative. Please contact Dongfeng Fengxing Special Service Station in time.

### The situation that the system may not work

Due to the characteristics of the object, location, angle, size, material or places with complex background, etc., the system may not work or give a false alarm. The following situations may cause undetectable or poor detection:

1. Barbed wire and wire rope objects.
2. Drive in grass or rough road.
3. Cotton or materials whose surface is easy to absorb sound waves.
4. Foreign matter is attached to the sensor surface.
5. Ultrasonic noise, metallic sound and high-pressure gas emission sound with the same frequency.
6. Adding or connecting other electronic devices will also affect the function of this system in use.

### Warning

- Parking assistance system only serves as an auxiliary warning to the obstacles in front and behind the vehicle when parking and reversing, and cannot replace the driver's observation of the surrounding environment. Drivers need to monitor the environment in the whole driving process in real time, and Dongfeng is popular without being responsible for accidents caused by drivers' negligence.
- As there is a blind spot in the parking assistance system, please don't use it as the only proof of reversing safety. The driver is responsible for driving safety.

### Reversing image



The reversing image is captured by the camera installed at the rear of the vehicle, which is convenient for the driver to check the rear obstacles in time when reversing.

### Reversing image on and off

1. The start switch is in the "ON" position.
2. When the R gear is engaged, the reversing image will automatically turn on, and the system will automatically turn off after exiting the R gear.



## Reversing auxiliary line



### Description of auxiliary reversing line:

Red: It means the distance behind the car is about 1m.

Yellow: It means the distance behind the car is about 2m.

Green: it means the distance behind the car is about 3m.

### Width of auxiliary line:

Indicates the longest distance of both exterior mirrors plus 7cm.

The reversing auxiliary line can assist the driver to judge the reversing track, and it will only be activated when the steering wheel is turned to a certain angle.



### Attention

- The vehicle width line is only for reference, and cannot be used as the basis for judging the actual distance and trajectory of vehicles. Please pay attention to the surrounding environment and drive safely when parking vehicles.
- The camera is similar to the human eye, and it has limited ability to see objects at dusk, night, dawn, snow, rain and fog. This product is mainly used for driver's driving assistance, and the driver always has the responsibility to keep a distance from any obstacle.
- The camera will enlarge and distort the image, and there will be a short time delay, so the function of looking around can't replace the driver's operation and judgment. Please always pay attention to the safety around the vehicle during use.



### Attention

- There will be a certain error between the vehicle width line and radar wave distance and the actual distance. Please pay attention to the safety around the vehicle when parking the vehicle.
- When the camera is dirty, it will affect the use of the system. Please clean it up in time.
- When the weather is bad and the light is insufficient, the system cannot be used normally.

## 360°panoramic image\*

Panoramic images can be spliced with four camera images located at the front, rear, left and right of the vehicle to form a bird's eye view on the display screen. Used with reversing radar, it makes parking safer and more convenient.

### Turn panoramic images on and off.

### Panoramic image opening prerequisite:

1. The start switch is in the "ON" position.
2. The vehicle speed is lower than 30km/h .

### Panoramic image on



1. Press the 360 panoramic key on the steering wheel to manually open the panoramic image, and press it again to close the panoramic image.





2. When the [turn signal entry] function is turned on and the driver turns left and right, the panoramic image will automatically turn on.

3. When the shift lever is placed in the R position, the panoramic image will automatically turn on. When any of the following conditions are met, the panoramic view is turned off:

**When any of the following conditions are met, the panoramic view is turned off:**

1. Press the back key.
2. The vehicle is in non-R gear.
3. Press the automatic parking switch.
4. Turn the turn signal back to normal.
5. The vehicle speed is greater than 30km/h.
6. Press the 360 panorama key again.



### Panoramic image function description

#### Two-dimensional view



Click on the front, back, left and right camera icons on the right side, and the corresponding viewing angles will be switched (the icons will be automatically folded up when there is no operation in 5s).

#### Front and rear wide-angle views



Under the panorama [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 viewing interface, and click and drag any area of image display to achieve it 360 rotation, rotation accuracy of 1, support zoom and drag functions.

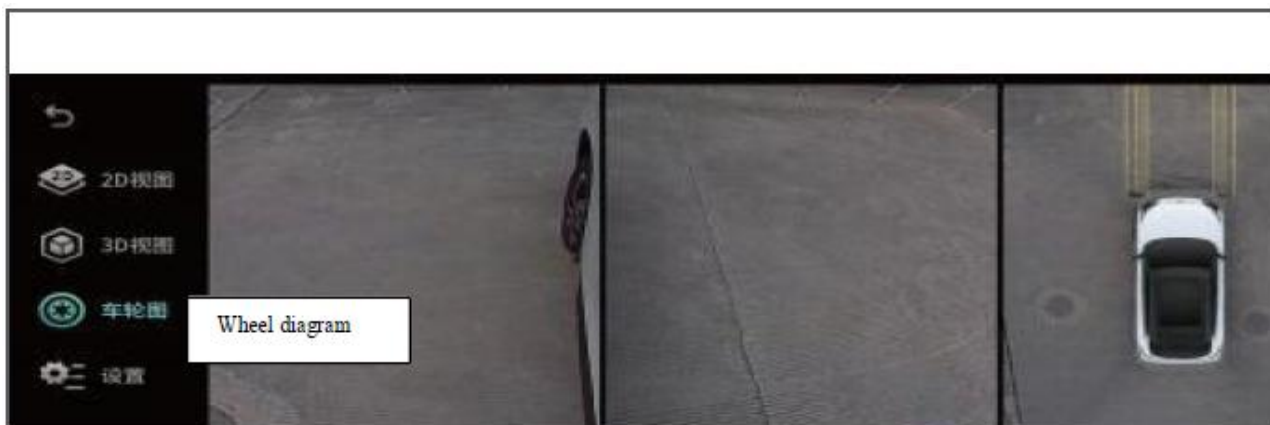
3D Surrounding



Under 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 7s.

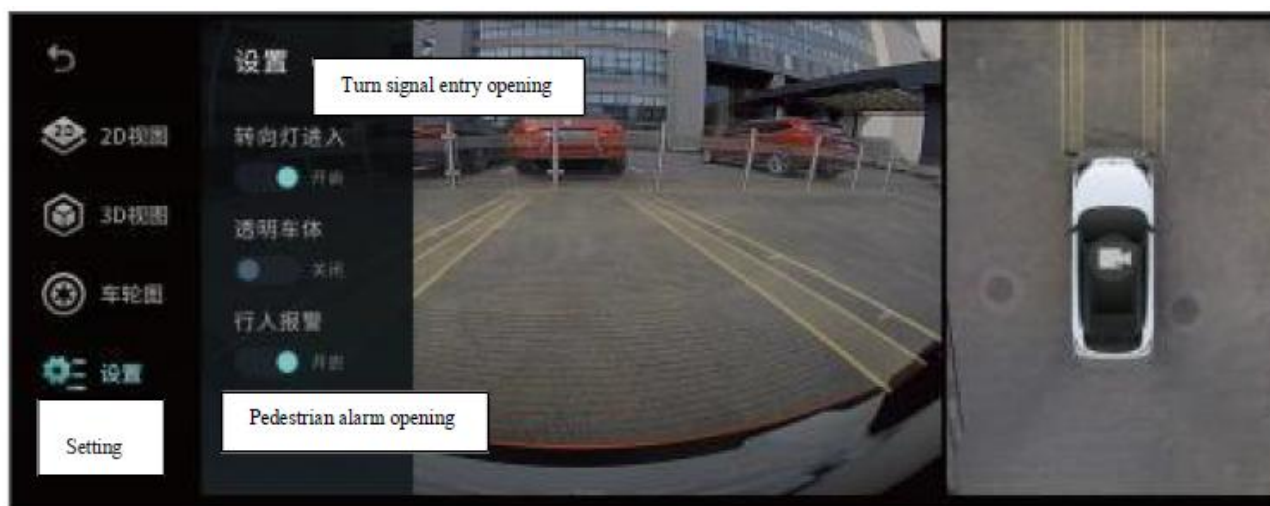


### Wheel map



Click "Wheel Map" to switch the corresponding view.

### Setting



Click "Settings" to turn on and off the functions of turning on and entering, transparent car body, pedestrian alarm (if configured), etc. Initialization is closed by default, and all of them have memory function.





There are auxiliary lines in 2D front and back single views (middle) and 2D spliced views (right). The auxiliary lines switch the front and back directions with the switching of D and R gears, and the actual length indicated by the auxiliary lines is 5m.

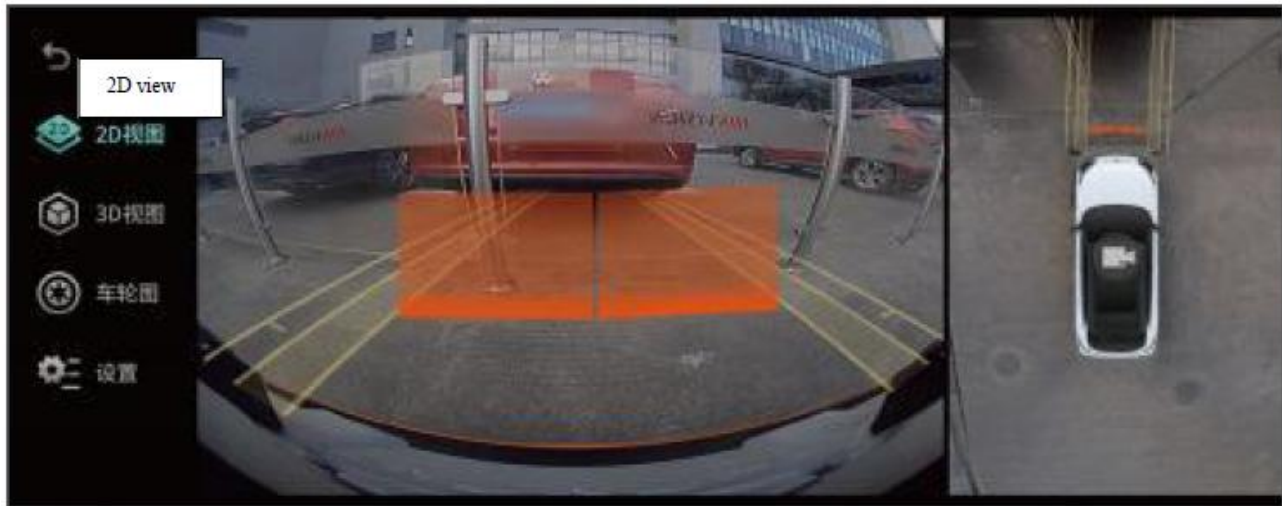
The width of the outer layer is the longest distance of the external rearview mirrors on both sides plus 7cm. The width of the inner layer is the width of the wheel.

The track line of the scale style has a scale line, and the scale line is divided into three sections: 0 ~ 0.3 m, 0.3 ~ 1m and 1 ~ 1.5 m.

#### Warning

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

#### Radar obstacle board display



Under the panoramic interface, when the working conditions of the radar system are met, the obstacle board will be displayed and there will be an alarm sound at the same time.

#### Attention

After the four radar sensors on the front and back sides detect obstacles, only the obstacle board is displayed, and there is no alarm sound.



### Turning view



When the turn-on entry switch is turned on (gear is in non-R gear), turn on the left/right turn signal to enter the corresponding left/right turn angle of view.

After aligning the steering lever, delay 1s to exit the panoramic look-around interface.

### Rear crossing warning \*



Under the panoramic view or automatic parking interface, the alarm will be displayed when the alarm conditions of angle radar are met.



### Moving Object-Pedestrian Detection and Early Warning System (MOD)



MOD is a close-range weekly control of four vehicles around the whole body. When moving objects or pedestrians approach, the police will prompt.

The following conditions are sufficient:

1. Non-P file.
2. The acceleration speed is as low as 15km/h.
3. The pedestrian alarm switch in the panoramic image setting interface has been turned on.
4. EPB release.
5. On the interface





### Attention

- The vehicle width line is only for reference and cannot be used as a basis for judging the actual distance and driving trajectory of the vehicle. Please pay attention to the surrounding environment and safe driving when parking the vehicle..
- The camera is similar to the human eye, with limited ability to see objects in environments such as dusk, night, dawn, snow, rain, and fog. Panoramic imaging is mainly used for driving assistance, and drivers always have the responsibility to maintain a distance from any obstacles...
- The camera will enlarge and distort the image, and there will be a brief delay. The functions of all parking assistance systems in this vehicle (radar, image) cannot replace the driver's operation and judgment. Please always pay attention to the safety of the surrounding area of the vehicle during use..
- The panoramic image view only splices ground images, and there may be blind spots in the air for objects with a certain height. When parking a vehicle, be sure to pay attention to objects such as children and cement pillars around the vehicle..
- The auxiliary line and radar wave distance may have certain errors compared to the actual distance. Please pay attention to the safety of the surrounding area when parking the vehicle..
- When the camera is dirty, it will affect the use of the system. Please clean it up in a timely manner..
- When the climate is harsh and the lighting is insufficient, the system cannot function properly.

### Fully moving mooring system \*

The full-motion parking system uses the lightning sensor and high- definition panoramic image of the vehicle to get the situation of the vehicle and help parking.

The automatic movable mooring system supports vertical position, horizontal position, oblique position berthing and horizontal position berthing.

### Fully automatic movable mooring system

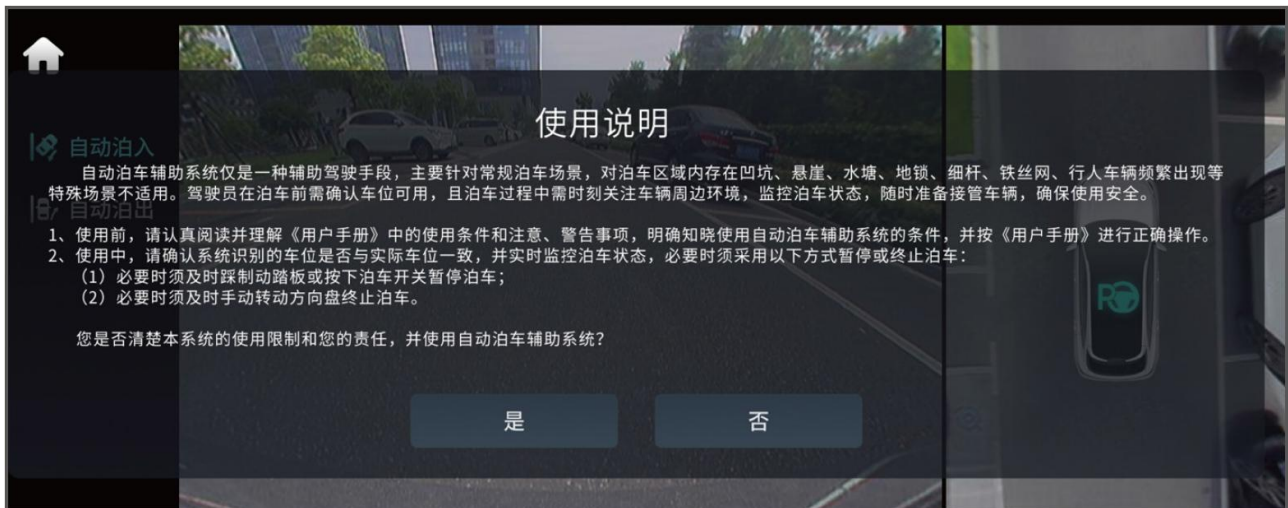


If the speed is below 30km/h, press the whole action and park in position.

**The soles of the feet describe any conditions and move them all:**

1. Press Back.
2. The speed is more than 30km/h.
3. The system is interrupted.

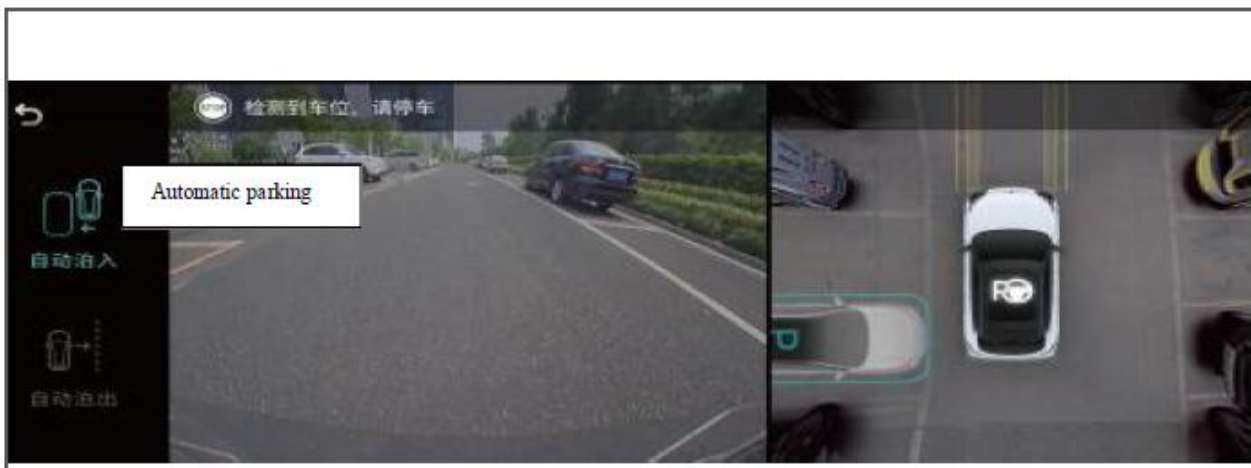




Press the full-automatic movable berthing function at the household point to display the berthing interface of "use bright" and "yes". Click "No" to exit.

### Parking automatically

#### 1. Finding the parking space



After confirmation, "Automatic Parking" is selected by default to enter the automatic parking interface. The vehicle moves forward to find the parking space and displays it in the mosaic interface. The user can manually click to select the parking space.



### 2. Parking activation



After identifying the parking space, the driver stops, presses the parking button briefly according to the prompt to activate automatic parking, loosens the steering wheel and brake, vehicles began to park automatically.

### 3. Parking process



During the parking process, the driver needs to constantly observe the surroundings of the vehicle to ensure the safety of the automatic parking process.





a. Recoverable interrupt interface.

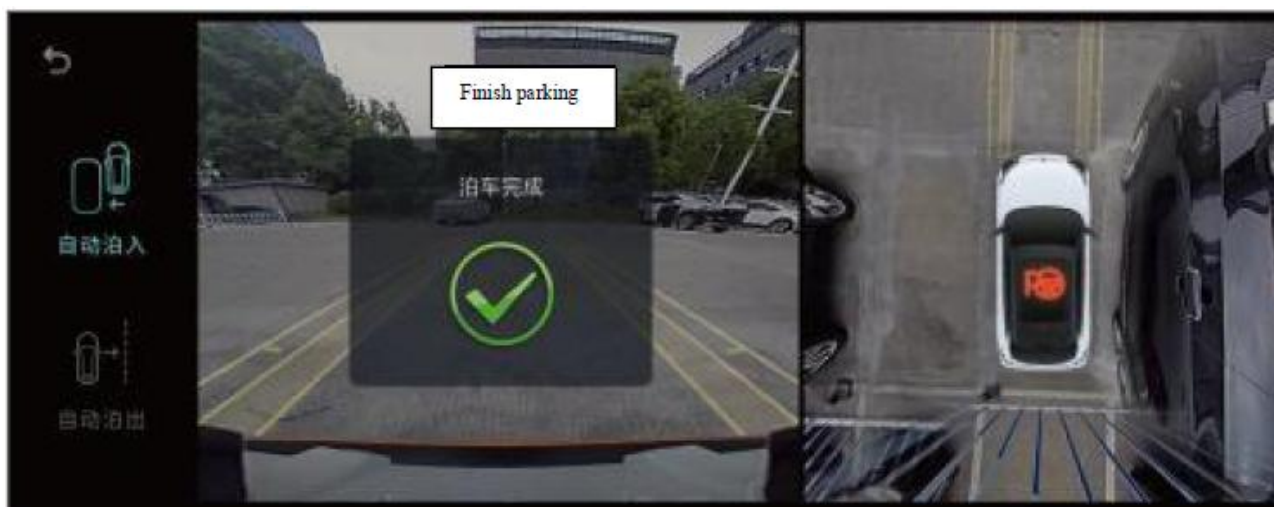


b. Unrecoverable interrupt interface.

During the parking process, the real-time monitoring system checks whether the parking conditions are met and operates or exits according to the specific interruption situation as prompted.



### 4. Parking completed



Automatic parking is completed, and the pop-up box prompts "Parking Successful" and exits the parking interface.

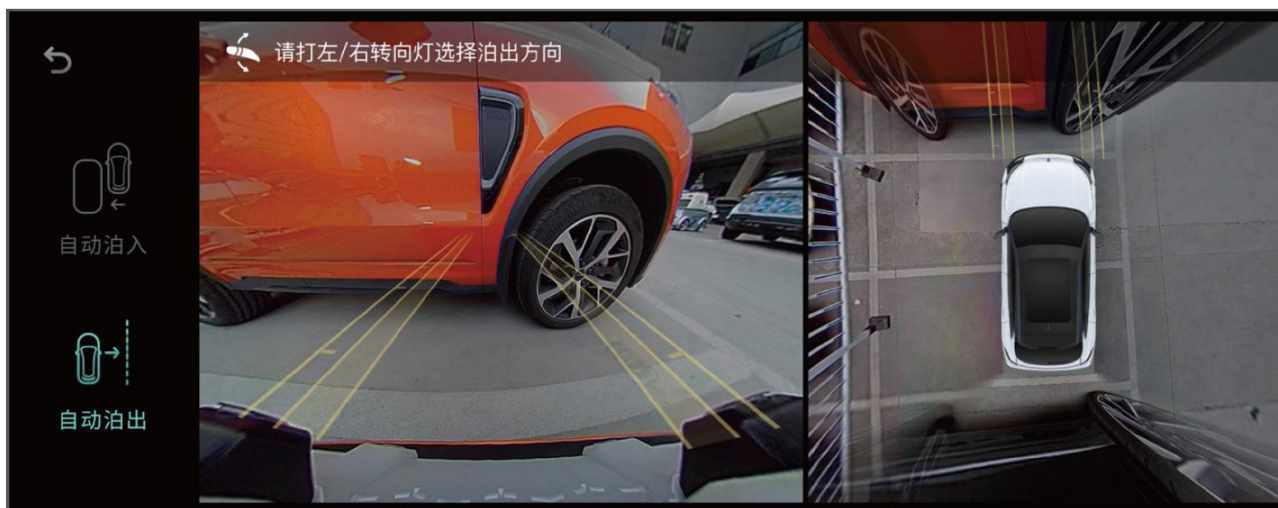
### Automatic berthing

#### 1. Berthing opening

When the following conditions are met, berthing can be opened:

- Vehicle stationary state
- The gear is in the P gear.
- EPB switch pulled up.

#### 2. Choose the direction



Select "Automatic Parking" to enter the automatic parking interface, and turn left and right turn signals according to the prompts to select the parking direction.

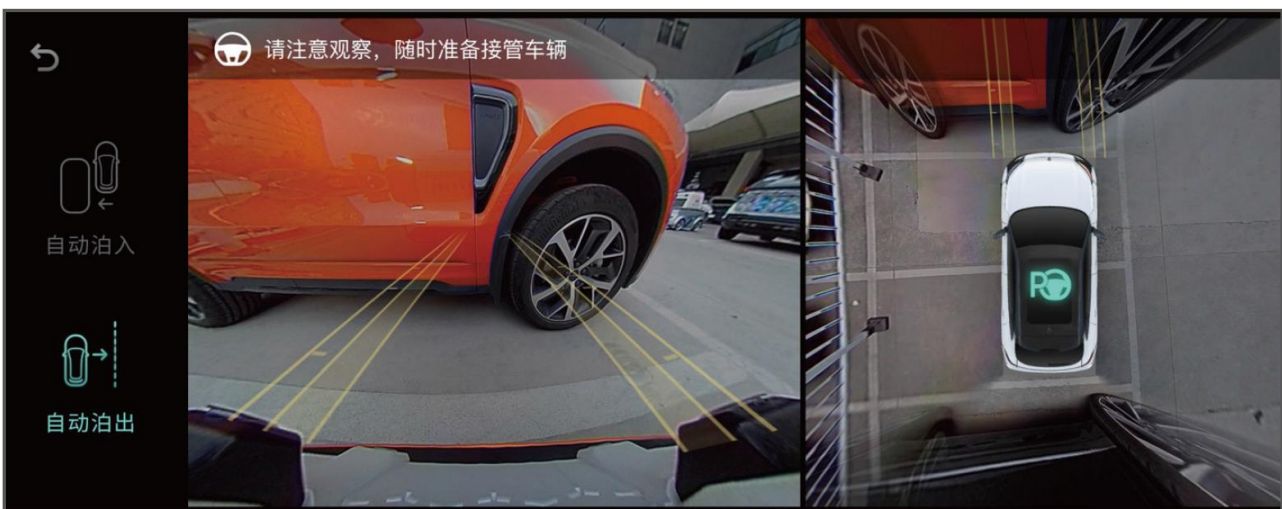


### 3. Parking activation



After selecting the parking direction, press the parking button briefly according to the prompt to activate automatic parking, release the steering wheel and brake pedal, and the car The car began to park out automatically.

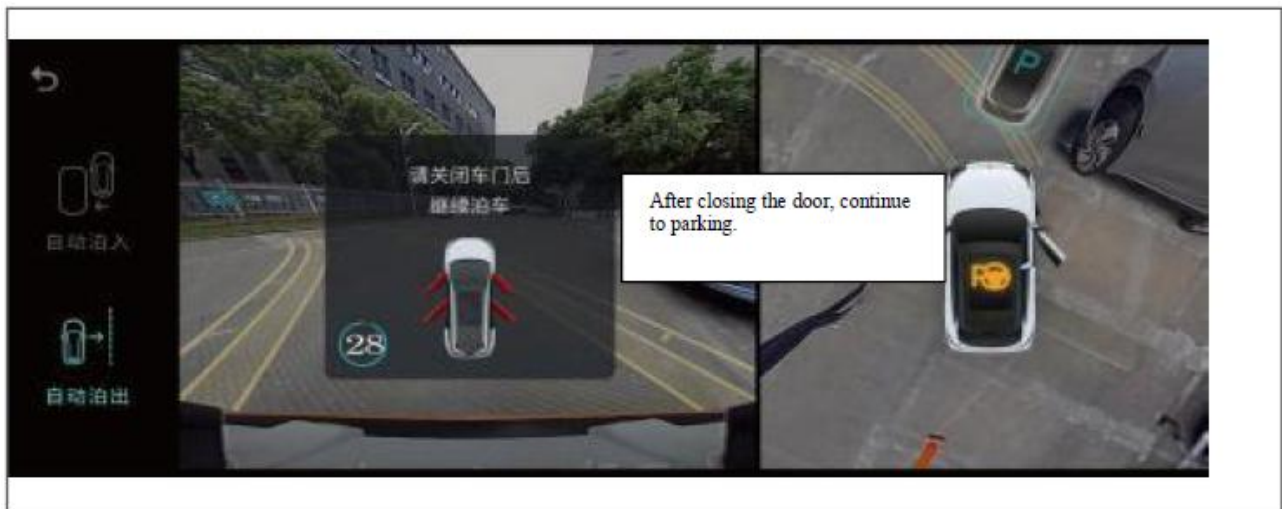
### 4. Parking process



During parking, the driver should always observe the surrounding conditions of the vehicle to ensure the safety of automatic parking.



### 5. Parking disruption



a. Recoverable interrupt interface.



b. Unrecoverable interrupt interface.

In the berthing process, real-time monitoring system whether meet the berthing conditions, according to the specific interruption situation according to the prompt operation or exit.



## 6. Parking completed



Automatic parking is completed, and the pop-up box prompts "Parking Successful" and then exits the parking interface.



### Attention

#### Looking for a parking space

- The system can identify vertical parking spaces, horizontal parking spaces and 45 oblique parking spaces, including parking line parking spaces and obstacle parking spaces (large objects).
- When searching for the garage, please keep the vehicle parallel to the driving direction as far as possible, and keep the lateral distance between the vehicle and the parking space within 0.5 ~ 1.8 m.
- In the process of parking search, the parking space with obstacles may not be identified if the vehicle speed exceeds 10km/h, so it is recommended to use the vehicle speed less than 10km/h.
- After finding the parking space, press the automatic parking switch briefly, and then release the brake. If the brake is released too fast, the system will exit.





## Attention

### Automatic parking

- During parking, if the brake pedal is pressed, the automatic parking will be suspended, and the brake pedal will be released to continue parking.
- During parking, if the system detects obstacles, opens the non-main driving door or presses the automatic parking switch again, the system will be suspended, and parking can be resumed according to the prompt information.
- Drivers should always observe the surrounding environment of vehicles, and take over vehicles manually when necessary to ensure the safety of parking process.
- The parking space should meet the following requirements:  $0.9\text{ m} \leq \text{the sum of the space before and after the vehicle} \leq 3\text{m}$ , and there are no obstacles within 3m of the parking direction.

### System exit

The following conditions will cause the parking function being performed to be retired.

- Manually take over the steering wheel.
- Hit the brakes and shift gears.
- Press the brake and pull the handbrake.



## Warning

- The automatic parking system detects the surrounding environment of the vehicle and identifies the parking space through ultrasonic sensors and scanning cameras. Due to the physical limitations of sensors, it is impossible to guarantee that all the objects in parking spaces and parking paths are detected. You always have the responsibility to actively intervene when necessary to ensure parking safety.
- During parking, do not operate the steering wheel under normal circumstances. In case of emergency, please take over the steering wheel or press the brake pedal in time. Failure to comply with this regulation may lead to personal injury.
- During parking, please do not operate the accelerator pedal, shift handle, etc. If you touch it by mistake or actively operate it, it will easily cause abnormal parking exit.
- It will affect the accuracy of the sensor in detecting the position of obstacles, and lead to an increase in the probability of collision between vehicles and surrounding objects.
- The main driving door opens.
- Master seat belt loosened.
- The trunk door is open.
- Click the Return button.
- Parking was suspended for more than 30 seconds and did not resume.
- There are too many automatic shifts in the system.
- Parking time exceeds 4min.
- Parking assistance system is abnormal.



### Warning

- For automatic parking in a narrow field, the number of continuous parking should not be more than 10 times. Multiple continuous parking will lead to a rapid increase in actuator temperature, a decrease in parking control accuracy, and an increase in collision risk between vehicles and surrounding objects or an abnormal system exit from parking.
- In the process of parking, vehicles, pedestrians or objects suddenly appear in the parking track. In order to prevent the collision danger of vehicles, vehicles will trigger emergency braking to exit parking.
- Although the system has the function of avoiding obstacles and stopping automatically, due to the limitations of sensors, drivers need to be ready to brake at any time to avoid vehicles, pedestrians and objects.
- For scenes that meet parking conditions but are not suitable for parking, such as intersections with roadsides, lawns with steps, concrete floors with ground joints, lane lines, obstacles at the bottom of parking spaces, etc., the system may mistakenly identify them as parking spaces. Before parking, please confirm in advance whether the parking space identified by the system and the surrounding environment are suitable for parking.
- Automatic parking in a narrow field.
- The system is affected by the surrounding environment. After parking is completed, the vehicle attitude may tilt, the vertical parking space is forward, the horizontal parking space is outward, etc. You may need to further adjust the vehicle position to ensure correct parking.
- In the process of parking, the vehicle may occupy the lane of the opposite vehicle, so please do not bring danger to other vehicles. Therefore, the driver should pay attention to the surrounding environment and take over the vehicle by human intervention if necessary.
- After parking, the steering wheel of the vehicle may rebound, that is, the steering wheel is not aligned. It is normal for the steering wheel to rebound because the steering wheel has no force to keep the original angle and the elastic deformation of tires and systems is released.

### Warning

- Limited by the existing technical conditions, the system cannot identify high positions such as rearview mirrors of obstacle vehicles, and the size boundary of parking spaces identified by the system does not include rearview mirrors of two vehicles. When parking in special scenes such as small parking spaces, there is a risk of scraping rearview mirrors. Drivers should pay attention to the surrounding environment and take over vehicles by human intervention if necessary.
- The recognition ability and range of sensors are limited. It is impossible to identify suspended obstacles and obstacles with small size, width or low height (such as barbed wire, thin columns or drawbars, etc.). Therefore, please check whether there is enough space in the parking space displayed by the system again before parking. When parking, pay attention to the surrounding environment and be ready to intervene and take over the vehicle at any time to avoid collision.
- If the driver uses the automatic parking system in the parking space close to the curb, the curb may not be recognized, which leads to the parking track planned by the system exceeding the curb, rolling or rubbing the curb, and the raised shoulder may damage the wheels and rims. Therefore, the driver should pay attention to the surrounding environment and intervene manually if necessary.
- When there are suspended obstacles such as trucks in front of or behind the parking space, trucks may collide during parking, so drivers should pay attention to the surrounding environment and intervene manually if necessary.
- If the parking space is insufficient, the system may release the parking space, and parking interruption or automatic exit may occur during parking.



### Warning

The fully automatic parking system may not operate as expected when:

- Sensors can't identify roads with different heights. Please don't use automatic parking at cliff edges, high platforms, ponds, pits, stepped parking spaces, sidewalks facing the street, etc.
- Sensors can't identify impassable roads such as green lawns and ponds. Do not use automatic parking when there is an impassable road ahead of the vehicle search direction. The system may plan the parking track on this road.
- Do not use automatic parking in places where vehicles or pedestrians frequently appear.
- In the process of parking, obstacles are suspended in the parking track. After obstacles are removed, the parking track may be disrupted, and the risks of parking failure and poor attitude increase.

When the vehicle speed exceeds 10km/h, the system will not be able to effectively distinguish obstacles.

- Severe weather conditions (such as heavy rain, fog, snow, extremely hot or extremely cold temperature) will interfere with the operation of sensors and affect the use of the system, which is not suitable for the use of automatic parking system.
- Dark or poor visibility environment affects the use of the system, so it is not suitable to use the fully automatic parking system.
- Uneven road surface is not suitable for automatic parking system.
- When parking environment is surrounded by cotton or obstructions with sound absorbing materials, sensors may not be easy to identify. Do not use automatic parking system.
- Do not use a fully automatic parking system when one or more ultrasonic sensors are damaged, or the scanning camera is dirty, damaged, or in an abnormal position.

### Warning

- Do not use the fully automatic parking system when there are electrical equipment or devices around the parking place that interfere with sensors and affect the use of the system.
- Please keep the outer surfaces of sensors and cameras clean. If the surfaces of equipment are covered with snow, ice, frost, mud, dust and other objects, please remove them in time to avoid affecting the automatic parking system.
- Do not use a high-pressure cleaner or steam cleaner to clean the sensors and cameras, so as to avoid damage to the sensors and cameras. When cleaning the vehicle, the surface of the sensor and camera should be washed with a small water flow for a short time, and the distance should be at least 10cm.
- Do not use the fully automatic parking system when snow chains or emergency spare tires are installed.
- The full-automatic parking system does not support parking spaces such as wireframe interference parking spaces, incomplete parking spaces, curved parking spaces, sloping parking spaces, three-dimensional parking spaces, I-line parking spaces, and parking spaces equipped with wheel stops in horizontal parking spaces. Please do not use the full-automatic parking system in the above scenes.



## Constant speed cruise system

The constant speed cruise system allows the driver to keep the vehicle running at a preset speed higher than 40km/h without stepping on the accelerator pedal. This function can be enabled when driving on the expressway. It is not recommended to enable this function in urban areas, winding roads, slippery roads, rainy days or other severe weather conditions. It is strictly forbidden to use constant speed cruise system on ice and snow roads.

### Key button description

Key button description

#### 1. Cruise Recovery/ Acceleration Button

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

If the constant speed cruise function is turned on:

Press this button to increase the cruise setting speed by 1km/h.

Press this button for a long time: the cruise setting speed will continue to increase at a speed of 5km/h.

#### 2. Cruise pause button.

Press this button to pause the cruise function.

#### 3. Constant speed cruise button

Press this button to turn constant speed cruise on or off.

#### 4. Speed setting/deceleration button

Set the current speed to the cruising speed and control the vehicle at that speed.

If the constant speed cruise function is activated:

按下此键：巡航设定车速降低1km/h。

Press this button for a long time: the cruising set speed will continue to decrease at a speed of 5km/h.



### Attention

When driving up and down slopes, the actual cruising speed may deviate from the set speed. When the downhill speed increases, the brake pedal can be used to slow down, which will suspend the constant speed cruise function. To restore the original set speed, press the cruise recovery/acceleration button.

## Constant speed cruise on and off

### Opencondition

1. Press the constant speed cruise button.
2. The vehicle speed is in the range of 30 ~ 130km/h.
3. Press the speed setting/deceleration button.
4. The brake pedal is not pressed.
5. Put the gear into D gear.
6. There is no fault in the system.

### Suspension condition

The constant speed cruise function can be suspended by any of the following methods:

1. Gently apply the brake pedal.
2. Engage P, N, or R.
3. Press the cruise pause button.
4. Press the constant speed cruise button again.
5. The system is faulty.

The modes 1.2.3 are only pause cruise mode. When the conditions are met, you can resume cruise by pressing the cruise resume/acceleration button. The 4th and 5th modes completely close the cruise.

### Change the set speed

You can change the constant speed cruising speed in any of the following methods:

1. Press the cruise resume/accelerate button or the speed set/decelerate button to increase/decrease the speed.
2. Press the accelerator pedal, release the pedal when the vehicle speed increases to the required state, and press the speed setting/deceleration button.
3. Depress the brake pedal when the vehicle speed is reduced to the required speed. Release the pedal and press the speed setting/deceleration button.



### Attention

Even if the constant speed cruise function is turned on, you can still use the accelerator pedal to accelerate overtaking. After overtaking, release the pedal. If the cruising conditions are still met, the vehicle will resume the original set cruising speed.



## Constant speed cruise function restored

When the constant speed cruise function is suspended, if you need to restore the constant speed cruise function, you can accelerate to more than 40km/h first, then press the cruise reply/acceleration button to re-enter the cruise state, and the vehicle will resume the original set cruise speed.

When you press the constant speed cruise button to cancel the cruise function, the system will completely turn off the cruise and cancel the cruise speed set before turning off

## Assisted driving\*

### Brief introduction

The auxiliary driving system can assist the driver to observe and perceive the surrounding environment during driving, and ensure driving safety when the driver provides collision warning, active safety and cruise assistance.

The main functions of the auxiliary driving system include:

1. Forward collision assistance.
2. Lane departure assistance.
3. Cruise assistance.
4. Near and far light control.
5. Traffic sign recognition.

## Forward collision assistance\*

Forward collision assistance includes front collision warning (FCW) system and automatic emergency braking (AEB) system, which provide alarm prompt and auxiliary braking for drivers when there is collision danger in front of the vehicle during driving.

### Front Collision Warning (FCW) System

During the driving process, if it is detected that the vehicle in front, pedestrian or pedestrian are too close to the workshop, FCW system reminds the driver to pay attention through vision and hearing.

## Starting



Click on the "Settings"-"Vehicle"-"Driving Assistance"-"Front Collision Warning FCW" switch on the display screen to select the FCW system.

When the setting switch is turned off, the yellow front collision warning system turn-off indicator light is always on.

### Forward collision warning switch

On the premise of opening, the function is turned on when the vehicle speed is in the range of 8-200km/h, and the vehicle condition in front of the vehicle is monitored in real time.

## Function triggering

### First-level alarm





Trigger the first-level alarm when the vehicle may be in danger of collision. The warning light of the red front collision warning system of the instrument cluster flashes, and the front of the driving interface is marked red, with a text prompt of "Danger ahead, please pay attention" accompanied by an intermediate frequency alarm sound.

### Secondary alarm

Trigger the secondary alarm when the vehicle is in danger of collision. The warning light of the red front collision warning system of the instrument cluster flashes, and the front of the driving interface is marked red, with a text prompt of "Danger ahead, please pay attention" accompanied by a high-frequency alarm sound.

### System interruption

The FCW system satisfies any suppression condition and will not be triggered:

1. The driver implements active steering, and the steering wheel rotates too fast or the corner is too large.
2. The driver takes over the vehicle control and steps on the accelerator pedal too hard
3. The driver depresses the brake pedal.

### The FCW system may automatically deactivate when it encounters the following conditions:

1. The sensor is blocked.
2. Bad weather.
3. There is a fault in the system.

### Automatic emergency braking ( AEB) system

During the driving process of the vehicle, if it is detected that the vehicle in front, pedestrian or pedestrian are about to collide with the workshop, the AEB system will automatically perform emergency braking to avoid collision or reduce the injury caused by collision.

### Starting



Click on the "Settings"->"Vehicle"->"Driving Assistance"->"Automatic Emergency Braking AEB" switch on the display screen to turn it on or off.

On the premise that the AEB switch of automatic emergency braking is turned on, the function is turned on when the vehicle speed is in the range of 8-85km/h, the vehicle condition in front of the vehicle is monitored in real time, and automatic emergency braking is triggered when a collision is about to occur.

### Function triggering



When the automatic emergency braking is triggered, the warning lamp of the red front collision warning system of the instrument cluster flashes, and the front of the driving interface is marked red, with a text prompt of "Danger ahead, please pay attention", accompanied by a high-frequency alarm sound.



The AEB system is turned on by default every time the vehicle starts, and it is not recommended that the user turn off the AEB system.

When the AEB system is turned off, the yellow front collision warning system turn-off indicator is always on.

### System interruption

If the AEB system satisfies any inhibition condition, it will not be triggered:

1. The driver actively steers, and the steeringwheel rotate too fast or the corner is too large.

2. The driver takes over the vehicle control and steps on the accelerator pedal too hard.

The AEB system may be automatically dissolved when it encounters the following conditions:

1. The sensor is blocked.
2. Bad weather.
3. The electronic stability control system is abnormal or closed.
4. The system is faulty.

The AEB system will be interrupted if it encounters the following conditions:

1. The driver actively steers, and the steering wheel rotates too fast or the corner is too large.
2. The driver takes over the vehicle control and presses the accelerator pedal hard.
3. Speed reduction exceeds the threshold of 40km/h.



### Attention

- AEB system is an active safety assistance system, but it cannot completely avoid collision with vehicles or pedestrians in front of it. Drivers must always keep control of vehicles and be responsible for vehicles.
- In case of emergency, the driver should brake as soon as possible.
- AEB system can only identify regular vehicles with license plates and driving legally on the road, and cannot detect vehicles in all cases. For example, the tail of the vehicle is seriously blocked, the shape of the vehicle is strange (such as overloaded vehicles transporting trees), and the tail of the vehicle is seriously damaged.



### Attention

- AEB system can identify unobstructed pedestrians with a height of 0.8-2.3 m, but it cannot detect pedestrians in all cases. For example, pedestrians who are partially blocked, wear clothes that can't recognize their body shape, are too low in height, carry large objects, and have poor contrast.
- AEB system can't recognize the reverse coming vehicle and the front crossing vehicle, and can't trigger alarm prompt and automatic emergency braking.
- The response capability of AEB system is limited, so alarm prompt and automatic braking may not be triggered in time. For example, when the front vehicle forcibly enters the driving lane under extreme working conditions or pedestrians suddenly enter the driving lane, they may not be able to give an alarm in time.
- AEB system is usually in the background working state and will not be detected by drivers, so the relevant target vehicles or pedestrians will not be displayed if they are detected.
- To give full play to the best detection performance of AEB system, the camera is required to receive unmistakable information about body shape as much as possible. This means that it can be combined with the standard human movement mode to identify the head, trunk, arms and legs.
- The recognition function of AEB system needs enough contrast between pedestrians and environmental background, and too bright or too dark illumination has a negative impact on the system. The time when pedestrians are detected is delayed or cannot be detected at all due to pedestrian posture or environmental influence, which means that alarm prompt and automatic braking will be delayed or cannot be activated.
- On curved or hillside roads, when snow, ice or dust block sensors, the system may not be able to detect vehicles ahead. Please clean the front windshield of the vehicle.
- Low visibility, such as heavy fog, rainy days or snowy days, the performance of AEB system will be limited.
- In complex traffic conditions, AEB system may not identify vehicles in time, resulting in alarm prompt and automatic braking lag.



- On smooth roads, the braking effect may be reduced and the braking distance may be increased.



## Lane departure assistance\*

Lane Departure Assistance includes Lane Departure Correction and Lane Departure Warning (LDW) systems, which provide steering correction and alarm prompts for drivers when vehicles unconsciously deviate from lanes during driving.

### Lane Departure Warning (LDW) System

LDW system includes lane departure correction and lane departure warning, which provides steering correction and alarm prompt for drivers when vehicles unconsciously deviate from lanes during driving.

#### Starting



Click "Settings"->"Vehicle"->"Driving Assistance"->"Lane Departure Warning LDWS" on the display screen to select LDW system functions.

When the LDW system is turned on but not activated, the white lane departure system turn-on indicator is always on.

#### Functional activation

When the LDW system detects the lane line and the vehicle speed is greater than or equal to 70km/h, it automatically enters the function activation state.

After the LDW system is activated, the lane line of the vehicle is continuously detected and displayed on the driving interface of the instrument cluster. If the lane line is not detected, it will not be displayed. After the LDW system is activated, the working indicator light of the green lane departure system will always be on.

#### Function triggering



When there is a danger that the vehicle may deviate from the lane, the steering wheel will turn slightly to correct the vehicle to return to its own lane. The driving interface of the instrument cluster deviates from the side lane line and turns yellow.

When the vehicle is about to deviate from the lane, the vehicle gives an alarm prompt, and the lane line on the deviation side of the driving interface of the instrument cluster turns red and flashes, accompanied by an intermediate frequency alarm sound.

#### System interruption

The LDW system will not be triggered if the following suppression conditions are met:

Turn on the turn signal (or hazard warning light).

The LDW system will delay triggering in the following scenarios:

1. When LDW system enters the curve cut-in mode on the curve ( $125\text{m} < \text{lane curvature} < 250\text{m}$ ), the warning will be delayed.
2. LDW system enters narrow lane adaptation mode under narrow lane ( $2.5\text{ m} < \text{lane width} < 3.0\text{ m}$ ), and the warning will be delayed.

The Lane Departure Assist system exits the active state if any of the following conditions are met:

1. The vehicle speed is less than 70km/h.
2. Lane lines on both sides disappear.



**Attention**

- Lane detection status can not 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.
- LDW system is only an auxiliary reminding system. Drivers need to pay attention to the surrounding driving environment at any time and judge whether they need to change lanes.

LDW systems may be limited under the following conditions:

1. When driving against stronglight.
2. When the lane line is blocked by other obstacles.
3. When driving on roads covered with rain and snow.
4. When the lane line is blurred or the light is weak at night.
5. In weather with low visibility such as heavy fog, rain and snow.
6. When the lane width is too narrow or the curvature of the curve is too large.
7. When the distance from the front car is too close, the line of sight of the front-view camera is blocked.
8. When snow, ice or dust stains on the front windshield block the front-view camera.
9. When driving under complex lanes such as bifurcation and intersection of lane lines, sidewalks or construction areas.
10. Shadows from railings, trees or other objects on the road surface may cause false recognition.

## Cruise Assistance\*

Cruise assistance includes adaptive cruise (ACC) system, lane keeping and traffic jam assistance (TJA) system. During driving, the vehicle keeps driving in this lane according to the cruising speed or cruising distance set by the driver.

### Adaptive Cruise (ACC) System

Using ACC system, the driver can make the vehicle drive at any speed in the range of 0 ~ 130km/h, and can also cruise with the vehicle within the range of following distance allowed by the system. According to whether there is a vehicle ahead, the system can also automatically switch between speed control and distance control.

### Key button description



1. Adaptive cruise speed recovery/acceleration button

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

If the cruise function is turned on:

Press this button to increase the cruise setting speed by 1km/h.

Press this button for a long time: the cruise setting speed will continue to increase at a speed of 5km/h.

2. Adaptive cruise pause button

Press this button to pause the cruise function.

3. Adaptive Cruise Button

Press this button to turn on or off the ACC system.

4. Adaptive cruise speed setting/deceleration button

Set the current speed to the cruising speed and control the vehicle at that speed.

If the cruise function is turned on:

Press this button to reduce the cruise setting speed by 1km/h.

Press this button for a long time: the cruising set speed decreases continuously at 5km/h.

5. Spacing button





cluster prompts  
"ACC function  
cannot be activated".

Set the following distance from the vehicle in front. Four modes can be set: near, medium, far and ultra-far.

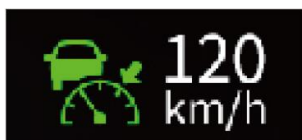
### Function on



Press the Adaptive Cruise function button for a short time, and the function will be turned on.

The white adaptive cruise indicator light of the instrument cluster lights up and shows the cruising speed.

### Functional activation



When the vehicle speed is greater than 30km/h, press the set/speed reduction button for a short time, and the function will be activated, and the cruising speed will be displayed as the vehicle speed when activated.

ACC function cannot be activated

ACC功能无法激活



The green adaptive cruise indicator of the instrument cluster lights up and shows the cruising speed.

When the vehicle activation condition is not met at present, the instrument



### Functional failure



When the green adaptive cruise indicator of the instrument cluster flashes and a takeover request is sent, an external fault causes the ACC system to exit, but the current action will still be completed.

### Constant speed cruise

When the preceding vehicle is not recognized, the vehicle runs at the speed set by the driver, which can be adjusted by the cruise speed adjustment button.

1. The cruising speed range can be set to 30–130km/h.
2. The cruising speed can be adjusted by restoring/speed plus button and setting/speed minus button, with a short press of 1km/h and a long press of 5km/h. When the driver adjusts the speed, the cruising speed display number follows the adjustment change.
3. After the driver actively adjusts the cruising speed, the vehicle accelerates/decelerates comfortably according to the current speed state, and finally reaches the cruising speed.

### Range cruise

When the preceding vehicle is identified, the vehicle runs according to the distance set by the driver, which can be adjusted by the cruise distance adjustment button.

1. When the vehicle recognizes the front target and follows the vehicle at a fixed distance, the front target is highlighted and marked blue.
2. The distance between cruising vehicles activated for the first time defaults to the farthest gear, and the distance between subsequent vehicles remembers the last distance.
3. The cruising distance is 4 gears in total, and the cruising distance can be adjusted by the distance adjustment button, and the cruising distance can be selected cyclically by pressing the plus/minus gears for a short time.
4. After the driver adjusts the distance, the vehicle accelerates/decelerates comfortably according to the distance adjustment, and finally reaches the cruising distance.





5. After following the car, the front car starts the car to follow the start within 3s. After 3s, the instrument cluster text prompts "Please lightly step on the accelerator or press RES + key", and then reactivate after operation.

### System interruption

Adaptive cruise meets any of the following conditions and the system exits:

1. The adaptive cruise button is turned off.
2. The adaptive cruise pause button is turned off.
3. Press the brake pedal.
4. Open any door.
5. The main driver's seat belt is not locked.
6. The vehicle speed is beyond the effective range.
7. Keep the accelerator pedal down for a long time.
8. Hit the steering wheel.



Under certain driving conditions, the deceleration ability of ACC system is not enough to keep enough distance between the vehicle and the moving objects, and ACC system will require the driver to take over the vehicle in time.



The ACC system will send visual and auditory instructions to the driver, and the instrument cluster will prompt "Please take over the vehicle" with a buzzer, and the driver needs to drive himself to intervene.

When an external fault causes the ACC system to exit, the instrument cluster's green adaptive cruise indicator flashes and a "Please take over the vehicle" request is sent, but the current action will still be completed.





### Attention

- The ACC system is not a safety system, nor an obstacle detector or collision warning system, but a comfort system. Therefore, during the opening of ACC system, the driver should always pay attention to observe the road conditions, keep monitoring the vehicles and take full responsibility for the vehicles.
- ACC system is suitable for use on highways and roads with good road conditions, but not on urban roads or mountain roads.
- To be on the safe side, when driving in urban areas, with heavy traffic and winding roads, please use ACC system carefully, pay close attention to the surrounding environment and be ready to take over the vehicles at any time.
- Do not use ACC system on hillside roads, smooth roads (prone to water skiing), roads with bad road conditions (such as slippery roads, waterlogged roads, gravel roads, construction roads, etc.), bad weather with low visibility (such as heavy fog, rainy days or snowy days, etc.), or snow, ice, fog, dirt, dust blocking sensors, etc., otherwise there is a danger of accidents!
- ACC system can only adjust the distance between the vehicle and the vehicle in front, and usually cannot detect and apply brakes to vehicles in other lanes, other sides of vehicles (except tail), children, pedestrians, animals or other objects.
- If there are oncoming cars in the same lane, the ACC system will not respond.
- The ACC system should be temporarily shut down when driving in turning lanes, highway exits or construction sections.
- ACC system can assist the driver, but it cannot replace the driver. Even if the ACC system is turned on, the driver must drive carefully, be ready to take over the vehicle at any time, and obey the traffic rules.



### Attention

- The ACC system should be temporarily shut down when driving in turning lanes, highway exits or construction sections.
- ACC system can assist the driver, but it cannot replace the driver. Even if the ACC system is turned on, the driver must drive carefully, be ready to take over the vehicle at any time, and obey the traffic rules.
- Please set the adaptive cruising speed and following distance reasonably according to the current road, traffic and weather conditions, and the set speed should not be too high to avoid accidents.
- In some cases (the relative speed of the vehicle in front is too high, sudden deceleration, parking, quick lane change or too small safe distance, etc.), the ACC system may not have time to decelerate. In order to avoid collision with the vehicle in front, the driver should always pay attention to the road conditions, keep monitoring the vehicle and take full responsibility for the vehicle.
- The ACC system cannot detect items or installed accessories on the following target vehicle that protrude from the side, rear end or roof of its body. If the vehicle ahead is equipped with the above-mentioned special loads or special equipment, the ACC system must be turned off when overtaking such vehicles, and the driver should actively step on the brakes as appropriate.
- Do not turn on ACC system when towing trailer.
- When the ACC system stops the vehicle, be sure to be prepared to press the brake pedal.
- When the ACC system stops the vehicle, the driver must put the shift lever in P gear and turn off the start switch before leaving the vehicle.
- For safety reasons, the set speed will be deleted after the vehicle stalls.
- If the instrument cluster prompts "ACC function automatically exits" and the ACC system cannot be turned on again, it indicates that the vehicle has an abnormal condition during this vehicle operation and needs to be restarted.
- When the TCS system or ESP system is triggered, if the ACC system is controlling the vehicle, the ACC system will automatically



shut down.



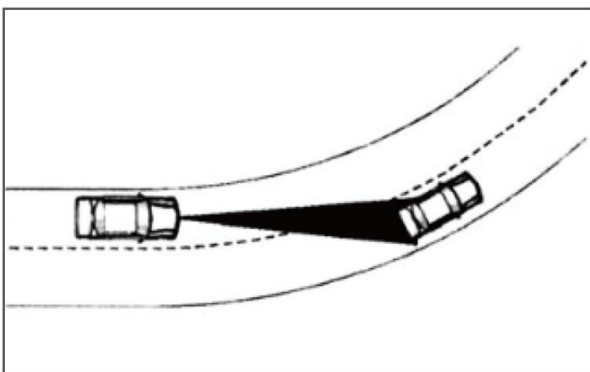


## Attention

- If the TCS system or ESP system is turned off, the ACC system cannot be turned on.
- When road conditions allow safe use of ACC system, ACC system can be turned on manually.
- The driver can press the accelerator pedal at any time to increase the speed. After releasing the accelerator pedal, the speed will gradually return to the original set adaptive cruising speed. However, drivers should pay attention to the fact that stepping on the accelerator pedal inadvertently for a long time will make the ACC system unable to open itself and may collide with the vehicle in front of them.
- The following vehicle diagram is only displayed when a vehicle traveling in the same direction in the same lane is detected.
- If the following vehicle diagram is not shown, the ACC system will not react or apply brakes to the vehicle ahead.
- ACC system is restricted by physical laws and the system itself during driving. In addition, under certain conditions, the response of ACC system may be different from the driver's idea. Therefore, drivers should always pay attention and intervene when necessary.

## Special scene

### Vehicles entering/leaving corners



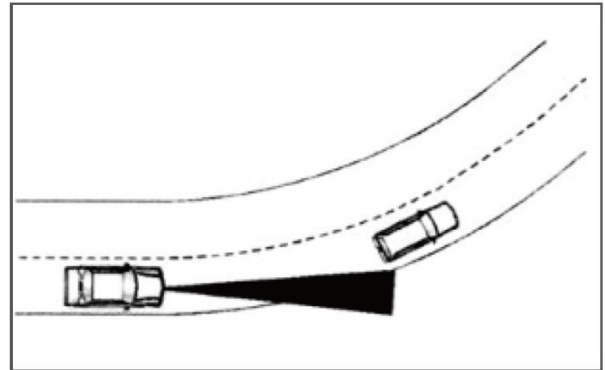
When entering/exiting a curve, the ACC system may react to the vehicle in the adjacent lane and brake the vehicle. This braking process can be completed early by actively stepping on the accelerator pedal.



## Warning

When using ACC system on corners, drivers should pay close attention to the surrounding environment and vehicle conditions, choose appropriate cruising speed and cruising distance, and be ready to take over the vehicle at any time.

### Vehicles traveling on slopes



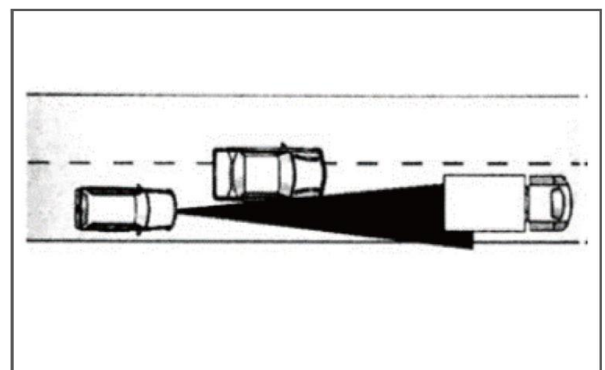
When the vehicle is in a curve, the ACC system may not detect the vehicle in front of the same lane, and the driver may lose control of the vehicle or have an accident. Please pay close attention and be ready to take over at any time.



## Attention

- In the case of a sharp curve, the ACC system may slow down or operate in a different way than on a straight road.
- When the vehicle is in a curve, the ACC system may not detect the vehicle in front of the same lane, and the driver may lose control of the vehicle or have an accident. Please pay close attention and be ready to take over at any time.

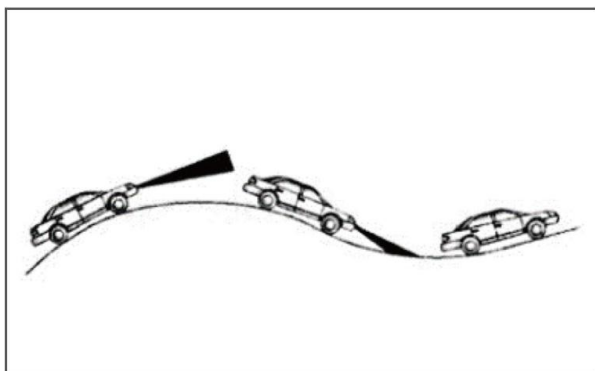
### Vehicles that do not travel in the same straight line





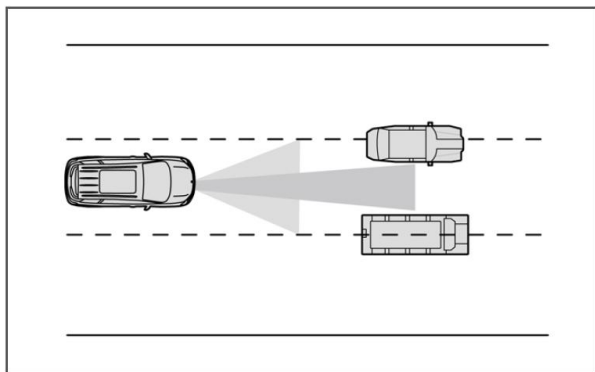
For vehicles not traveling in the same straight line (vehicles in adjacent lanes change lanes), if they do not enter the recognition range of camera sensors, the sensors may not detect these vehicles, which leads to the lag of ACC system response. Drivers should pay close attention to the movements of vehicles in adjacent lanes and take the initiative to intervene when necessary.

### Vehicles traveling on slopes



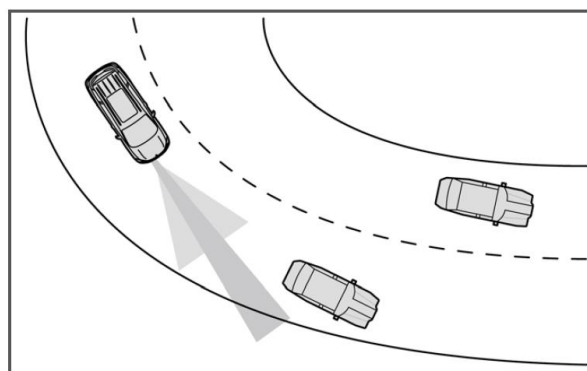
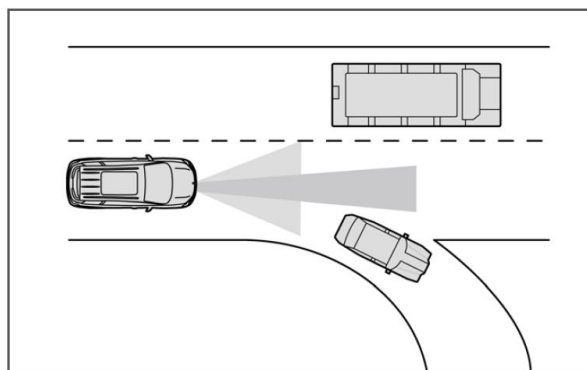
Please do not use ACC system on steep ramps. On steep ramps, the ACC system cannot detect vehicles in the same lane, and when the driver frequently applies brakes, the ACC system will automatically deactivate.

### Vehicles traveling in narrow lanes



The ACC system cannot accurately determine the width of the lane ahead. When you feel that you cannot pass normally, please immediately release the ACC system by pressing the brake pedal and take over the vehicle.

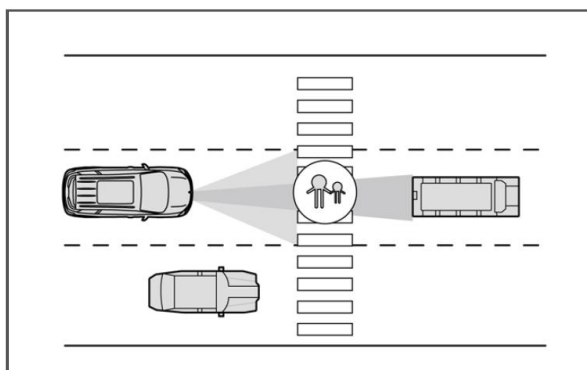
### Cars driving on the ramp of the expressway



When the target vehicle following ahead leaves the highway or turns, ACC will lose the target and the system may accelerate automatically. Vehicles driving in the ramp of expressway may lose their targets due to excessive corners, and the system may accelerate automatically.

In view of the above situation, if you feel unwell, you can release the ACC system by stepping on the brake pedal at any time and take over the vehicle.

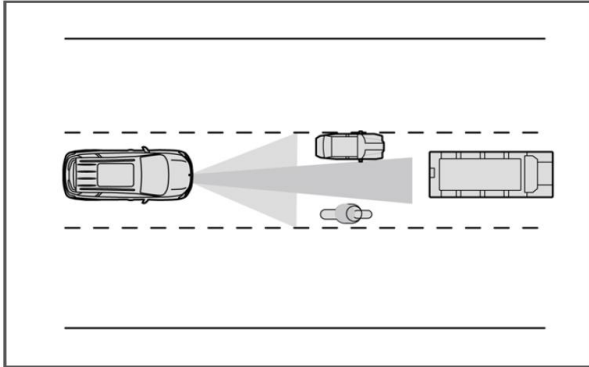
### Pedestrians in front of the driving direction of this car





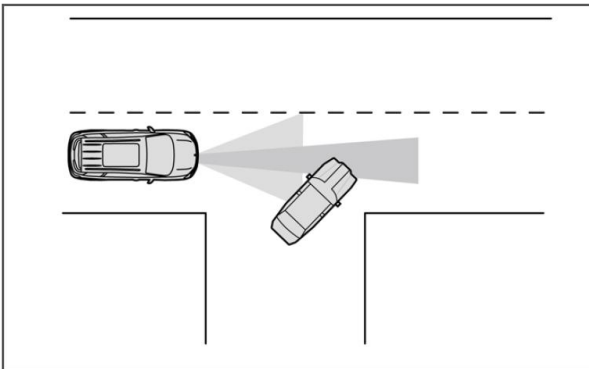
ACC system can't detect pedestrians. Once the driver finds pedestrians passing in front of the driving direction of the vehicle, he must take over the vehicle actively.

**Vehicles (motorcycles, bicycles, etc.) that are difficult to identify**



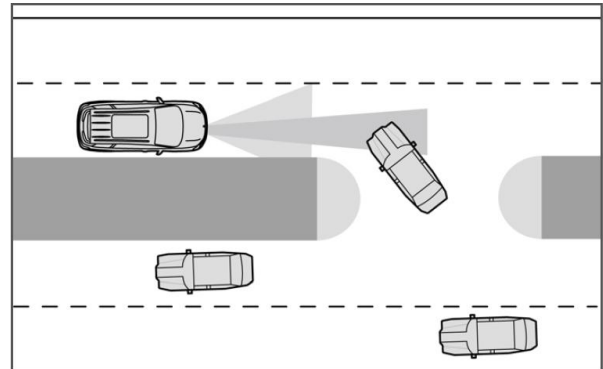
ACC system can't guarantee the detection of all types of vehicles on the driving path, especially it is difficult to identify narrow vehicles such as electric vehicles, bicycles and motorcycles, or vehicles with high chassis and loads exceeding the body. Drivers need to pay close attention to the surrounding environment of their cars.

**Vehicles inserted laterally in front.**



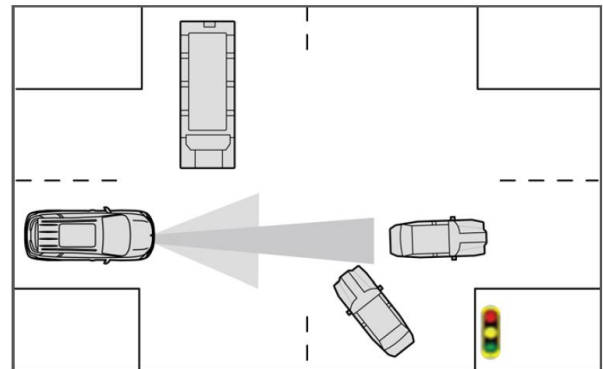
When other vehicles are suddenly inserted laterally in front of the driving direction of the vehicle, the ACC system may not be able to quickly control the vehicle or brake urgently, so the driver needs to pay attention to the traffic conditions in front of the driving direction of the vehicle.

**When the target vehicle makes a U-turn or a right-angle turn**



When the target vehicle followed by this vehicle makes U-turn or right-angle turn, the sensor will lose the target, and the system may accelerate automatically. Drivers need to keep an eye on the surrounding environment and be ready to take over at any time.

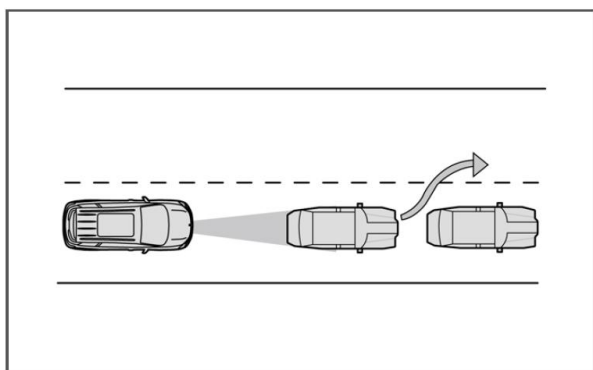
**Change of traffic lights at intersections**



When the target vehicle followed by this vehicle passes through the intersection, the driver should pay attention to the change of traffic lights, and actively intervene with the vehicle when necessary to avoid violating traffic rules.



## Stationary vehicle



If the vehicle in front suddenly changes to another lane behind a stopped vehicle, the system may not have enough time to brake, and the driver may need to take over the vehicle himself if necessary.

## Lane Keeping Assistance System (LKA)

The LKA system can keep the vehicle running straight along the lane line in the range of 70 ~ 130km/h. In the curve with small curvature of lane line, the system automatically assists the driver to turn the steering wheel, so as to pass through the curve.

LKA system also has some technical limitations, so the driver must actively intervene in steering under certain conditions. When necessary, the system will prompt the driver to actively control the steering wheel through audible and visual alarm.

## Key button description



Press the lane keeping button to turn the system on or off.

## Function on



Press the lane keeping key briefly, the function is turned on, and the working indicator light of the white lane keeping system on the instrument cluster lights up. If the system detects the lane line and meets the activation speed, the lane lines on both sides turn white.

## Functional activation

When the vehicle speed is higher than 70km/h and the lane line is identified, the function is activated, the working indicator lamp of the green lane keeping system of the instrument cluster lights up, the lane lines on both sides are detected, and the lane lines on both sides become blue when the LKA function is activated.

## System interruption



When the system detects that the driver has not held the steering wheel for a period of time, the instrument cluster will prompt "Please take over the steering wheel" with a buzzer alarm. At this time, the driver needs to take over the steering wheel actively.





If any of the following conditions are met, the instrument cluster will prompt "Please take over the vehicle" and the LKA system will exit:

1. Turn the steering wheel sharply.
2. Open any door.
3. The lane line is unclear.
4. The radius of curve is too small.
5. The main driver's seat belt is not locked.
6. Remove the steering wheel for a long time.
7. The vehicle speed is beyond the effective range.
8. The driver operates the steering wheel beyond a certain angle.

When it is detected that the current state does not meet the function activation conditions, the LKA system will send an audible and visual alarm to the driver, and the instrument cluster will prompt "Please take over the vehicle" with a buzzer alarm, and the driver needs to drive himself to intervene.



### Attention

- LKA system has some technical limitations, so the driver must actively intervene in steering under certain conditions. When necessary, the system will prompt the driver to actively control the steering wheel through audible and visual alarm.
- LKA system is not a safety system, lane detector or automatic driving system, but a comfort system, which does not have the ability to deal with special working conditions such as complex traffic conditions or sudden changes in environment. The driver must always maintain control of the steering wheel of the vehicle and take full responsibility for the vehicle.
- It is the driver's responsibility to ensure that the vehicle keeps driving in the lane during driving. LKA system is suitable for use on highways and roads with good road conditions, but not on urban roads or mountain roads.
- LKA system can assist the driver, but cannot replace the driver to drive. Even if the LKA system is activated, the driver must drive carefully.
- The LKA system allows the driver not to operate the steering wheel for a short time, but the LKA system will automatically exit if the time is too long. The driver must be ready to take over the steering wheel at all times.
- LKA system is not recommended when the road environment is harsh or the road conditions are complicated.

### Description of limitations of system control capability

1. The steering ability of LKA function is limited, which cannot guarantee that it can pass any curve with curvature within the effective speed range. When crossing a corner, the driver must keep his attention and be ready to take over the steering wheel at all times. When feeling dangerous, the driver must take the initiative to take over the steering wheel.

2. Always pay full attention when driving, and always be ready to take over the steering wheel.



### Description of limitations of system detection capability

LKA system can identify road lines and curbs with a certain contrast, but it may be inaccurate or unrecognizable for blurred and defaced road lines, and may be incorrect for some car marks, watermarks or shadows with large color difference and contrast on the road surface.

Inaccurate lane detection may cause function exit or abnormal steering.

### Restriction of traffic environment on system security

Lane keeping assistance system may not work properly under the following conditions:

1. When the sensor is blocked by snow, ice or dust stains on the front windshield.
2. In weather with low visibility such as heavy fog, heavy rain or heavy snow.
3. When the lane line is blocked by other obstacles.
4. When the lane width is too narrow or the curvature of the curve is too large.
5. When the distance from the front car is too close, the camera line of sight is blocked.
6. When driving against strong light.
7. When driving under complex roadways such as bifurcation, intersection, sidewalk or construction area.
8. When there are shadows formed by railings, trees or other objects on the road surface.
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. When the road surface is strongly bumpy or bumpy.

### Description of vehicle handling stability and system status

1. When the TCS system or ESP system is activated, if the LKA system is controlling the vehicle, the LKA system will exit.

2. When the road conditions allow the LKA system to be used safely, the LKA system can be turned on again.

3. If the LKA system reaches the upper limit of the steering capacity of the system when turning and exceeds a certain time, the system will send out a takeover prompt, at which time the driver needs to take over the steering wheel actively.

4. If the LKA system judges that the curve ahead exceeds the passing capacity of the system, it will send out a takeover prompt, at which time the driver needs to take over the steering wheel actively.

5. If the LKA system detects abnormal shaking of the steering wheel, it will send out a takeover prompt, at which time the driver needs to take over the steering wheel actively.

6. If the LKA system detects that the driver has not held the steering wheel for a period of time, it will issue a warning that the driver should take over the steering wheel actively.

7. LKA system requires the driver to take over the vehicle, if the steering wheel of the vehicle is still automatically controlled, the driver must actively control the steering wheel to control the direction of the whole vehicle.

### Introduction of over-control function of system

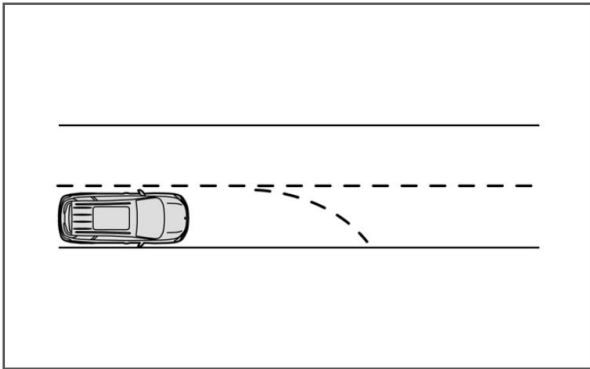
If the driver obviously actively controls the steering wheel to change direction when the LKA system is activated or turns on the turn signal to prepare for lane change, the system will enter the overcontrol state and no longer control the steering wheel. When the driver restores the turn signal or does not actively control the steering wheel and is near the middle line of the lane, the system starts to automatically control the steering again.

### Special scene

In the following special scenarios, the LKA system may not respond well, resulting in accidents. For this reason, the driver must keep the hand on the steering wheel and take over the steering wheel in time when the function is abnormal and exits or turns, so as to avoid danger.

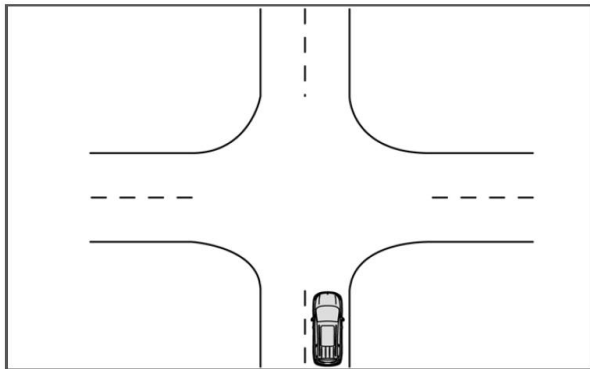


## There are road interference lines on the road surface



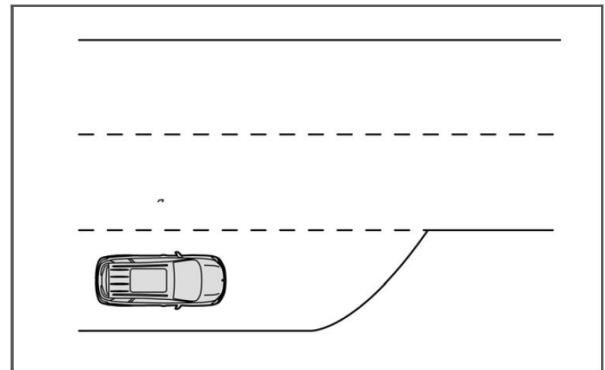
When there are obvious road interference lines on the road ahead of the vehicle, LKA system may automatically exit or turn abnormally.

## Drive to the intersection and the lane disappears



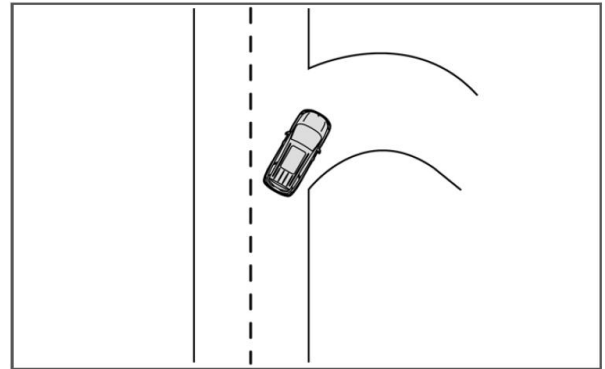
When the vehicle travels to the intersection, the LKA system may automatically exit due to the disappearance of the road line ahead, or it may cause abnormal recognition due to the influence of crosswalks and other road signs at the intersection, resulting in abnormal turning.

## Road-line intersection



When the vehicle travels to the front lane intersection, the LKA system may automatically exit because it recognizes that the front lane intersection cannot pass.

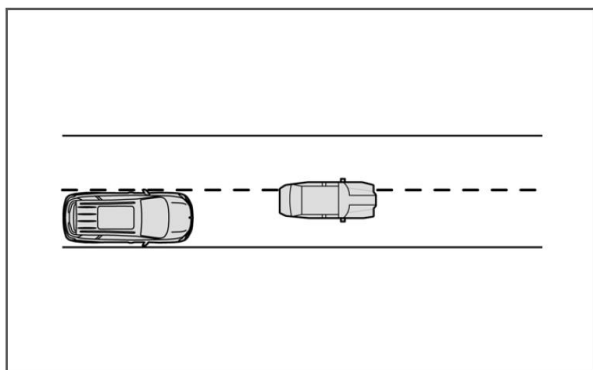
## Expressway ramp



When the vehicle travels to the expressway ramp, the LKA system may automatically exit because the speed is lower than the effective speed when entering the ramp, or the curvature of the ramp is too large or the lane line is unclear when entering the ramp.

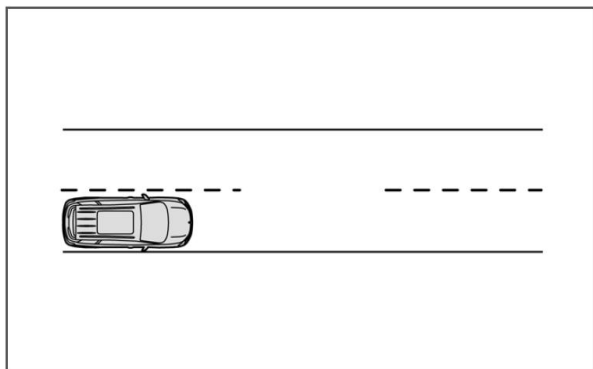


### The front vehicle blocks the lane



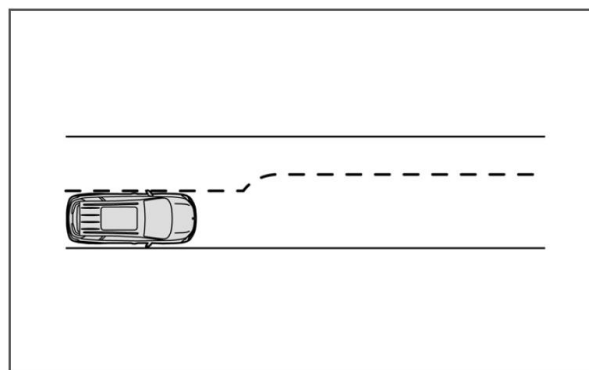
When there is a vehicle driving at close range in front of the vehicle and blocking one side lane ahead, LKA system may automatically exit because one side lane is not recognized due to the vehicle blocking the lane ahead.

### The road line is blurred



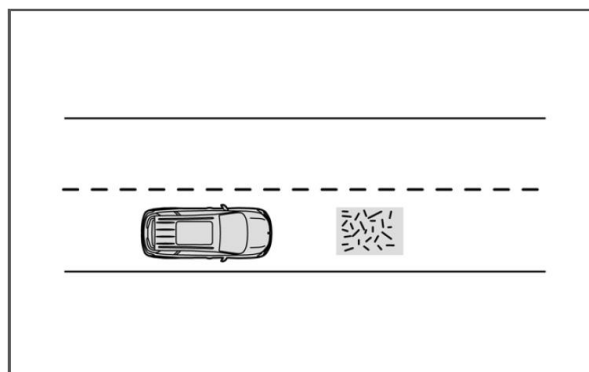
When the road line ahead of the vehicle is blurred, the LKA system may automatically exit because it does not recognize the clear road line.

### The lane ahead is too curved or narrow



When the front lane is too wide or too narrow, the LKA system may automatically exit because it judges that the width of the front lane does not meet the working conditions.

### The road surface is strongly bumpy or bumpy



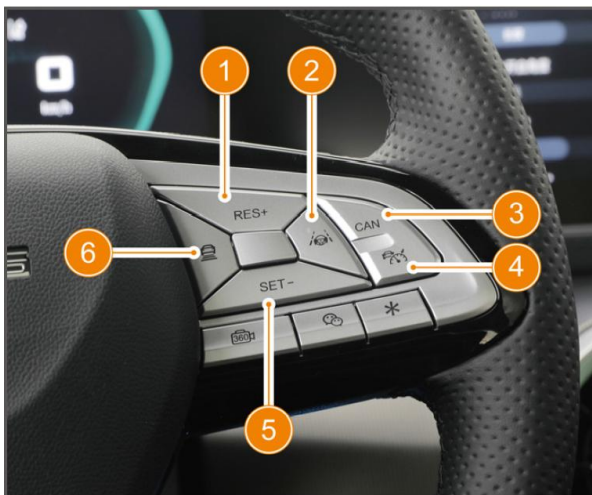
When the vehicle travels to the road ahead with strong bumps or bumpy roads, the LKA system may automatically exit due to abnormal fluctuation of steering wheel or abnormal lane recognition caused by strong bumps of the vehicle.



## Traffic Congestion Assistance (TJA) System

TJA system can make the vehicle drive at any required speed in the range of 0 ~ 130km/h, and can also cruise with the vehicle within the range of following distance allowed by the system. According to whether there is a vehicle ahead, the system can also automatically switch between speed control and distance control, and turn on LKA system at the same time.

### Key button description



#### 1. Adaptive cruise recovery/speed button

**Recovery:** When the adaptive cruise temporarily exits, it can be reactivated by this button to drive at the speed and distance before exiting.

**Speed plus:** After the adaptive cruise is activated, the cruise speed can be adjusted by pressing buttons, and the short press will increase at a speed of 1km/h, while the long press will continue to increase at a speed of 5km/h.

#### 2. Lane keeping function keys

The lane keeping function can be activated by this key.

#### 3. Adaptive cruise pause button

Press this button to pause the cruise function.

#### 4. Adaptive Cruise Button

Press this button to turn on or off the ACC system.

#### 5. Adaptive cruise setting/speed reduction button

**Settings:** After the adaptive cruise is turned on, the adaptive cruise function can be activated by pressing buttons. When adaptive cruise is activated, the current speed can be set to cruise speed by pressing buttons.

**Speed reduction:** During adaptive cruise activation, the cruise speed can be adjusted by pressing buttons, which can be reduced at a speed of 1km/h for short press and continuously reduced at a speed of 5km/h for long press.

#### 6. Spacing button



Set the following distance from the vehicle in front. Four modes can be set: near, medium, far and ultra-far.

### Function on



Press the adaptive cruise key and lane keeping function key for a short time, and the function will be turned on.

The white intelligent pilot opening indicator light of the instrument cluster lights up and displays the cruising speed. When the lane lines on both sides are detected and meet the activation speed, the lane lines on both sides are white.



### Functional activation



When the vehicle speed is greater than 30km/h, press the adaptive cruise setting/speed reduction key for a short time, and the function will be activated, and the cruise speed will be displayed as the activated speed. The green intelligent pilot dual-function working indicator light of the instrument cluster lights up and displays the cruising speed.

### Functional degradation



When the TJA system is activated, the lane line is not recognized or the lateral control exits, and the vehicle only has longitudinal control, and it is impossible to keep the vehicle running in the middle, the orange intelligent pilot single function working indicator light of the instrument cluster lights up.

### System interruption



When the system detects that the driver has not held the steering wheel for a period of time, the instrument cluster will prompt "Please take over the steering wheel" with a buzzer alarm. At this time, the driver needs to take over the steering wheel actively.



If any of the following conditions are met, the instrument cluster will prompt "Please take over the vehicle" and the TJA system will exit:

1. Turn the steering wheel sharply.
2. Open any door.
3. The lane line is unclear.
4. The radius of curve is too small.
5. The main driver's seat belt is not locked.
6. Remove the steering wheel for a long time.
7. The vehicle speed is beyond the effective range.
8. The driver operates the steering wheel beyond a certain angle.

When it is detected that the current state does not meet the function activation conditions, the TJA system will send visual and auditory instructions to the driver, and the instrument cluster will prompt "Please take over the vehicle" with a buzzer alarm, and the driver needs to drive himself to intervene.





### Attention

- When the TJA system is turned on, the driver should always pay attention to the road conditions, keep monitoring the vehicle and take full responsibility for the vehicle.
- TJA system is suitable for use on highways and roads with good road conditions, but not on urban roads or mountain roads.
- To be on the safe side, when driving in urban areas, with heavy traffic and winding roads, please use TJA system carefully, pay close attention to the surrounding environment, and be ready to take over the vehicles at any time.
- Do not use TJA system on hillside roads, smooth roads (prone to water skiing), roads with bad road conditions (such as slippery roads, waterlogged roads, gravel roads, construction roads, etc.), bad weather with low visibility (such as heavy fog, rainy days or snowy days, etc.), or snow, ice, fog, dirt, dust blocking sensors, etc., otherwise there is a danger of accidents!
- TJA system can only adjust the distance between the vehicle and the vehicle in front, and usually cannot detect and brake the vehicles in other lanes, children, pedestrians, animals or other objects on other sides of the vehicle (except the tail).
- If there are oncoming cars in the same lane, the TJA system will not respond.
- TJA system can assist the driver, but it cannot replace the driver. Even if the TJA system is active, the driver must drive carefully, be ready to take over the vehicle at any time, and obey the traffic rules.
- Temporarily shut down the TJA system when driving in a bend lane, highway exit or construction section.
- Please set the cruising speed and following distance reasonably according to the current road, traffic and weather conditions, and the set speed should not be too high to avoid accidents.



### Attention

- In some cases (the relative speed of the vehicle ahead is too high, sudden deceleration, parking, quick lane change or too small a safe distance, etc.), the TJA system may not have time to reduce the speed to avoid collision with the vehicle ahead. Drivers should always observe the road conditions, keep monitoring of vehicles and take full responsibility for vehicles.
- The TJA system is unable to detect items or installed accessories on the following target vehicle that protrude from the side, rear end or roof of its body. If the vehicle ahead is equipped with the above-mentioned special loads or special equipment, the TJA system must be turned off when overtaking such vehicles, and the driver should actively step on the brake pedal as appropriate.
- The dynamic characteristics of TJA operation will be reduced when towing trailer runs.
- Please pay attention to the text prompt of the instrument cluster, "Don't step on the accelerator pedal inadvertently". If the driver steps on the accelerator pedal, the TJA system will not be able to apply braking by itself, which may cause collision with the front vehicle.
- If the TJA system has stopped the vehicle and the TJA is released, closed, or canceled, the vehicle will no longer remain stopped and may move. When the TJA system stops the vehicle, be sure to be prepared to press the brake pedal.
- When the TJA system stops the vehicle, the driver must put the vehicle in P gear and turn off the start switch before leaving the vehicle.
- For safety reasons, the set speed will be deleted when the start switch is set to "OFF".
- If the instrument cluster prompts "TJA function automatically exits" and the TJA system cannot be turned on again, it indicates that the vehicle has an abnormal situation during this vehicle operation and needs to be restarted.





## Attention

- The driver can press the accelerator pedal at any time to increase the speed. After releasing the accelerator pedal, the TJA system will adjust the speed back to the previously stored speed.
- When the TCS system or ESP system is activated, if the TJA system is controlling the vehicle speed, the TJA system can be automatically deactivated.
- If the TCS system or ESP system is turned off, vertical control will not be activated.
- When the road conditions allow safe use of the TJA system, the TJA system can be manually restored and turned on.
- The TJA system requires the driver to apply the brake pedal to the vehicle if the vehicle continues to move after taking over the vehicle.
- If the display interface of the instrument cluster is inconsistent with the actual situation observed by the driver, the driver has the responsibility to take over the control and drive the vehicle according to the actual situation.
- 如果组合仪表显示界面与驾驶员实际观察到的实际情况不符，则驾驶员有责任接管控制，并按照实际情况驾驶车辆。

The TJA system may be automatically deactivated and the driver will need to manually apply brakes to reduce the vehicle speed in the following cases:

1. The sensor is blocked.
2. There is a fault in the system.
3. No vehicles or other objects were detected.
4. TCS system or ESP system is activated or shut down.

## Special scene

Please refer to the "Special Scenes" section of the Adaptive Cruise (ACC) System and Lane Keeping Assist System (LKA) section for special scenarios of the TJA system.

## High beam automatic control (IHC) system \*

During driving, the vehicle automatically switches the far and near lights according to the driving environment, which includes ambient light factors such as vehicles and street lamps.

### Function on



Click the "Settings"-"Vehicle"-"Driving Assistance"-"High Beam Automatic Control IHC" switch on the display screen to turn it on or off.

On the premise that the switch is turned on, when the vehicle speed is 45km/h, the vehicle light control is in AUTO gear, and the IHC function is turned on on the premise that the low beam light is turned on.

### Function triggering

Low beam cutting high beam: The external environment is dim, and the vehicle automatically cuts from low beam to high beam.

High beam cutting near beam: The external environment has sufficient light source, and the vehicle automatically cuts from high beam to low beam.



## System interruption

If the IHC system meets any of the following conditions, the system will exit:

1. The low beam light is turned off.
2. IHC system shut down.
3. The vehicle speed drops below 25km/h.
4. The light control is over the lights.
5. The light control is not in AUTO file.



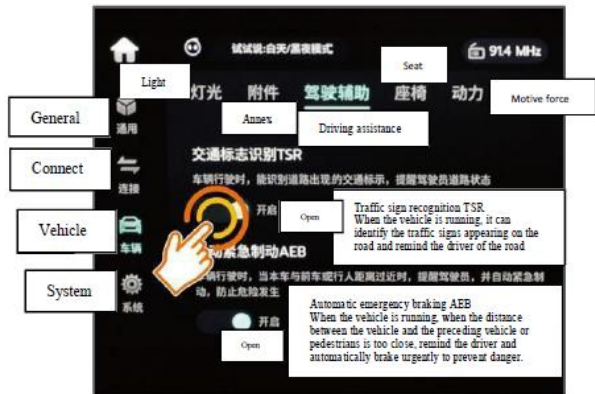
### Attention

- Rain, snow and ice, dense fog and pollution may lead to the performance degradation of IHC system.
- The IHC system may not work properly when the lights of the vehicles coming in front are blocked (such as the crash barrier).
- Highly reflective objects (e.g. traffic signs) near roads may cause the IHC system to fail to function properly.
- The IHC system may not work properly due to the instability of the vehicle body when driving on bad road conditions (such as slippery roads, slopes or pits, sharp turns, etc.).

## Traffic Sign Recognition (TSR) System\*

When the vehicle passes the traffic speed limit sign, the TSR system recognizes the speed limit sign through the front-view camera and automatically displays the speed limit sign on the cluster instrument to prompt the driver to drive carefully.

## Function on



Click on the "Settings"-"Vehicle"-"Driving Assistance"-"Traffic Sign Recognition TSR" switch on the display screen to turn it on or off. After the switch is turned on, the function will be turned on automatically after the vehicle starts.

## Function triggering



When the vehicle passes through the speed limit sign, the instrument cluster displays the speed limit sign. When the vehicle exceeds the speed limit, the speed limit sign of the instrument cluster flashes and disappears after 10s or below the speed limit.



## Function release

1. The vehicle turns around at low speed.
2. The vehicle has traveled a certain distance.
3. The vehicle turns on the turn signal.
4. The vehicle detects the speed limit end sign.



### Attention

- TSR system can not accurately identify embedded traffic signs and traffic signs with auxiliary signs.
- TSR system can detect the standard sign, LED speed limit sign or release speed limit sign within 5 ~ 120m in front of the vehicle.
- Keep the front windshield surface clean and free of snow, fog and dirt.
- Do not stick any substance on the front windshield, which may reduce the effectiveness of the TSR system or cause the system to stop working.
- TSR system is a driving assistance function, which aims to improve the driving convenience and safety of vehicles, and cannot cope with all traffic and weather conditions.
- TSR system cannot replace the attention and judgment of the driver, who is always responsible for ensuring that the vehicle travels safely at an appropriate speed and complies with the current traffic laws and regulations.
- The TSR system may not be able to recognize traffic signs on curved or hillside roads, or when snow, ice, or dust block sensors.
- The visibility is low, such as in heavy fog, rainy days or snowy days, and the recognition performance will be limited.
- When strong light (oncoming headlight or direct sunlight) obstructs the field of view of the front-view camera, the TSR system may not recognize traffic signs.



### Attention

- When the speed limit sign is obscured by an object, the TSR system may not recognize it.
- When traffic signs do not conform to the standard approved format, TSR system may not recognize them.
- Under some traffic conditions, TSR system may not respond well, which leads to false recognition or missing recognition of signs, so drivers should pay special attention to it.

## System impact description

### Influence calibration description

1. Disassemble and assemble the inside rearview mirror.
2. Replace the front windshield.

After all the operations affecting the camera position, such as replacing the front camera, the front windshield, the four-wheel positioning of the vehicle and modifying the chassis of the vehicle body, the system needs to be recalibrated, otherwise the system performance will be reduced or it will not work normally.

### Sensor cleaning instructions

1. Structurally modified vehicles may deteriorate system functions.
2. The operation of the system may also be limited under snow, heavy rain or road spraying.
3. In order not to affect the performance of the camera, there shall be no foreign bodies (such as labels, fittings, etc.) blocking the detection parts of the camera.
4. The camera sensor area of the front windshield will be blocked by snow, ice, dust or mud, which may affect the system function if it is not cleaned in time.
5. When the camera needs to be cleaned, the instrument cluster displays the following prompt. At this time, please use the water spray wiper to clean the glass or contact Dongfeng Fengfeng Special Service Station.
6. The visibility of the camera may be reduced due to strong illumination, dark environment, rain, snow, dirt and dust blocking the sensor. As a result, the vehicle driving ahead cannot be identified in time, so please intervene by yourself.





### Side-backward assisted driving \*

The side rear auxiliary system can detect the vehicles behind the vehicles or in the adjacent lanes through the sensors on both sides of the rear bumper. If there is a collision risk, the system will send out an alarm to prompt the driver to drive safely.

#### Sensor

The radar sensor is located inside the rear bumper



#### Attention

- The front and rear millimeter wave radars are installed in the front and rear bumpers respectively. In order to avoid wave radars, it is strictly forbidden to paint and surround the bumpers without permission.
- When pulling other vehicles, please turn off the side rear auxiliary system.
- Please keep both sides of the rear bumper clean, do not paste any objects, and do not be covered with foreign bodies such as ice, snow and mud, so as not to affect the normal operation of the sensor.
- Improper maintenance or modification of the vehicle may result in misalignment of sensors and affect the normal operation of the side rear auxiliary system. Therefore, it is recommended that you contact Dongfeng Forthing Special Service Station.



#### Warning

- When the radar can not work normally, the functions that depend on the radar to provide detection information will be limited, which leads to the abnormal operation of these functions. At the same time, the detection range of radar is limited, and it is impossible to detect targets beyond the detection limit.
- When the environment of radar is bad, it will affect the normal work of radar. In addition, when the target state detected by radar is abnormal, it will also affect the detection results of radar.

The following conditions can cause radar to fail to detect targets, detection delays or detection errors:

1. Poor climatic conditions (such as heavy rain, heavy snow, dense fog, etc.).
2. The radar surface is attached by foreign bodies such as ice, snow, accumulated water and dust.
3. The target detected by radar is attached with substances that absorb sound waves, such as snowflakes, foam, cotton objects, etc., or there are objects near vehicles that can cause false reflection of sound waves.
4. The road is uneven or other reasons cause the car to bump or shake.
5. The volume of the detected object is too small.
6. There is interference from sound sources with the same frequency around.

The above examples, warnings and restrictions do not describe all the conditions that affect the normal operation of radar sensors.

In order to protect radio astronomy services working in the same frequency band, vehicles loaded with automotive radars are not allowed to enter the interference protection distance of relevant radio observatories in China.



## Alarm lamp



The alarm lamp is located at the mirror housing of the left and right external rearview mirrors.



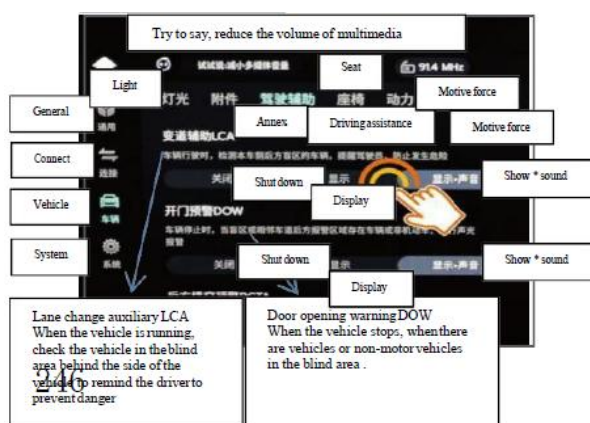
**Warning**

Please do not paste any object on the alarm lamp, so as not to affect the alarm function of the system.

## Lane Change Assistance (LCA) System

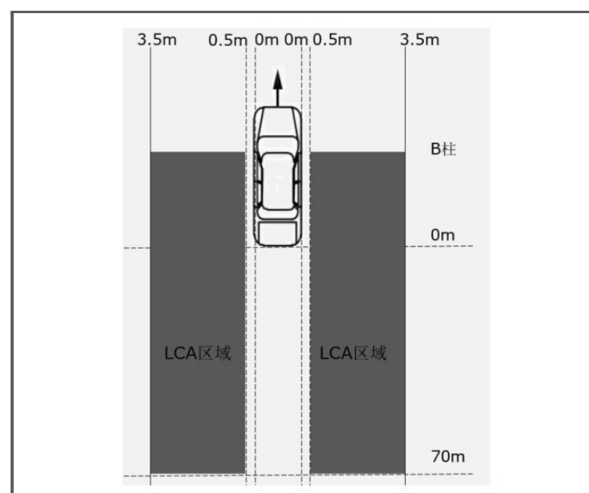
LCA system includes blind zone monitoring system and lane change warning, which can detect vehicles approaching the vehicle from side to rear and provide warning information to avoid collision.

### Function on



Click "Settings"->"Vehicle"->"Driving Assistance"->"Lane Change Assistance LCA" on the display screen to select "Close", "Display" or "Display + Sound". On the premise that "display" or "display + sound" is selected for lane change auxiliary LCA, the function is turned on when the vehicle speed is greater than 18km/h, and the vehicle condition behind the vehicle side is monitored in real time to ensure the safety of lane change for users.

### Lane change auxiliary range



The alarm area of LCA system is from 0.5 m to 3.5 m horizontally on the left and right sides of the vehicle, and from the B-pillar position of the vehicle to 70m behind the rear of the vehicle vertically, as shown in the figure. The shadow area is an early warning area, which is symmetrical left and right.

### Function triggering

#### Level 1 alarm:

When the target approaches the vehicle, the first-class alarm will be triggered, and the blind area light of the same rearview mirror will be on for a long time.

#### Secondary alarm:

The first-level alarm is triggered when the target approaches the vehicle, and the second-level alarm is triggered when the turn signal on the same side is turned on. The blind spot light of the same side rearview mirror flashes, accompanied by sound alarm.



### System interruption

The system exits if any of the following conditions are met:

1. LCA system selects "off".
2. Start switch is OFF.
3. The gear is in non-D gear, and the vehicle speed is less than 15km/h.



#### Attention

- In the case of sharp turns, the LCA system does not work.
- The LCA system does not work when reversing.
- The LCA system is an assisted driving function and does not work in all cases.
- LCA system cannot replace safe driving and the use of rearview mirrors.

Lane-change aids do not always work in a variety of situations, and unnecessary, untimely, or ineffective warnings or omitted warnings can occur for a variety of reasons, such as:

- Radar is limited.
- There are large moving metal objects in the blind area.

When driving on a road with large corners, wide lanes or uneven roads, LCA system may not be able to give an alarm to vehicles driving in the next lane.

The LCA system may give false alarms in the following situations:

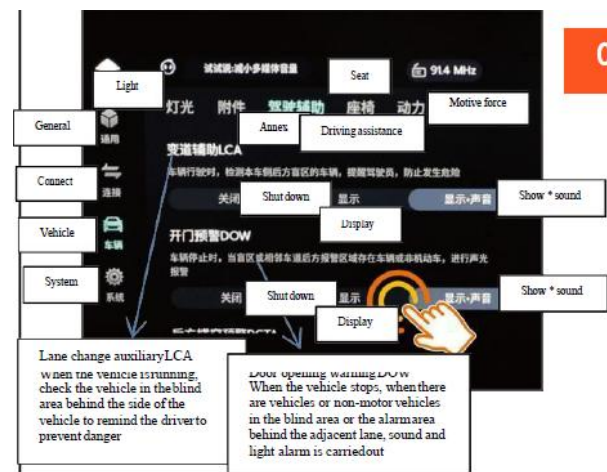
1. When the driving place is close to the fence.
2. Drive on or under a bridge or in a tunnel.
3. Drive next to shrubs, trees, etc.
4. There are telephone poles, street lamps or concrete low walls along the road.
5. Drive in the vicinity of building areas such as factories and ports.
6. When driving on urban roads or turning at multi-lane intersections.

The above warnings and restrictions do not describe all situations that may interfere with LCA system. There are many factors that can lead to the failure of LCA system. In order to avoid collision, drivers should be vigilant and pay attention to road conditions at all times, so as to change lanes safely.

### Door opening warning (DONW) system

When the vehicle is stationary, DOW system can detect vehicles, cyclists or pedestrians approaching the vehicle from behind. When a target is detected to approach, the driver or passenger opens the door, and the DOW system will send out an early warning message to avoid collision danger.

#### Function on

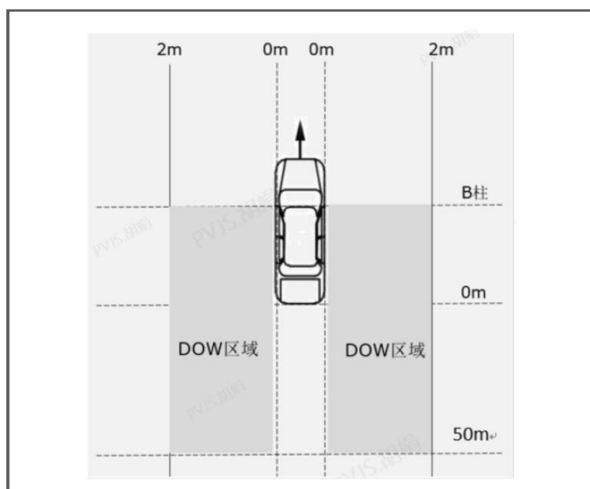


Click "Settings"->"Vehicle"->"Driving Assistance"->"Door Warning DOW" on the display screen to select "Close", "Display" or "Display + Sound".

On the premise of selecting "Display" or "Display + Sound" for door opening warning DOW, the function is turned on when the vehicle speed is 0km/h, and the vehicle condition at the side and rear of the vehicle is monitored in real time to ensure the safety of users getting off the bus.



## Early warning range of opening door



The alarm area of DOW system is from 0m to 2m transversely on the left and right sides of the vehicle, and from the position of B-pillar of the vehicle to 50m behind the rear of the vehicle longitudinally, as shown in the figure. The shadow area is an early warning area, which is symmetrical left and right.

## Function triggering

### Level 1 alarm:

When the target approaches the vehicle, the first-class alarm will be triggered, and the alarm light will always be on.

### Level 2 alarm:

The first-level alarm is triggered when the target approaches the vehicle, and the second-level alarm is triggered when the door on the same side is opened. The blind spot light of the rearview mirror on the same side flashes, accompanied by sound alarm.

## System interruption

1. The vehicle speed is greater than 0km/h.
2. Put the start switch in "OFF" position for more than 3min.



## Attention

- The DOW system is effective only when the vehicle is stationary, and this function will not work when the vehicle is moving.



## Attention

- Even when the car is stationary, the DOW system cannot work under all conditions, and cannot replace the visual observation of drivers and passengers, as well as the functions of internal and external rearview mirrors. Please do not rely too much on the DOW system.
- DOW system aims to remind drivers and passengers to pay attention to the environmental safety of opening doors when opening doors. Due to the performance of sensors and the complexity of traffic environment, unnecessary alarms or no alarms may be issued. It is the most effective measure and responsibility for drivers and passengers to actively observe the opening environment before getting off the bus to ensure their personal safety.

DOW systems do not always work in a variety of situations, and unnecessary, untimely, ineffective, or omitted warnings can occur for a variety of reasons, such as:

1. Radar is limited.
2. Smaller targets or stationary targets.
3. The target speed is too fast, or there is turning behavior. For example, the target vehicle changes lanes directly behind the vehicle, and other vehicles suddenly change lanes directly behind the vehicle and appear in the detection area.
4. Other vehicles and riders directly behind this vehicle.
5. The car stays at the corner or beside the wall.

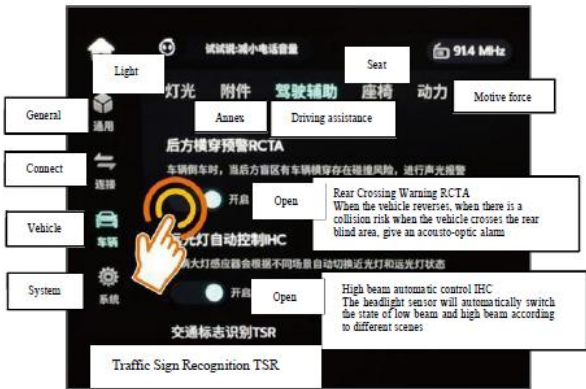
The above warnings and restrictions do not express all the situations that may interfere with the warning of opening doors. There are many factors that can lead to the failure of door opening warning. In order to avoid the danger of scratching when opening the door, please remember to observe whether the door opening environment is safe and suitable.

## Rear Crossing Warning (RCTA) System

RCTA system can detect vehicles, cyclists or pedestrians crossing the rear of the vehicle. When the vehicle reverses, the system detects that the target is approaching and the vehicle has collision risk, and the RCTA system will send out early warning information to avoid collision risk.



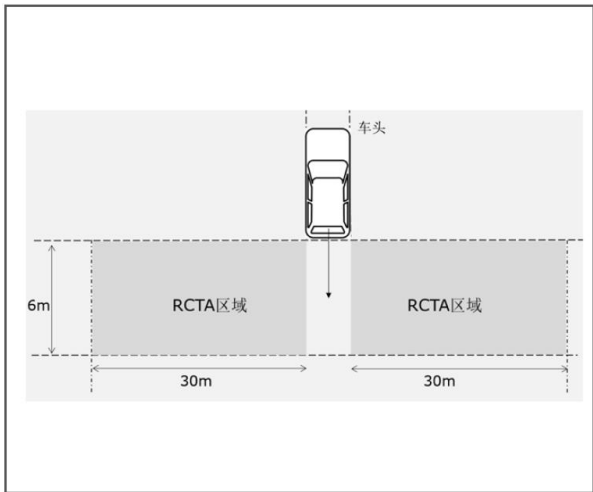
## Function on



Click the "Settings"->"Vehicle"->"Driving Assistance"->"Rear Crossing Warning RCTA" switch on or off the display screen.

On the premise that the RCTA switch of rear crossing warning is turned on, the function is turned on when the vehicle is in R gear and the speed is less than 10km/h, so as to monitor the rear crossing of the vehicle in real time and ensure the safety of reversing.

## Rear crossing warning range



The alarm area of RCTA system is from 0m to 30m horizontally on the left and right sides of the vehicle, and from the rear of the vehicle to 6m backward, as shown in the figure. The shadow area is an early warning area, which is symmetrical left and right.

## Function triggering

When the vehicle reverses, the target approaches the rear of the vehicle, and the alarm light flashes, accompanied by sound prompt and parking assistance interface display.

## System interruption

1. The gear is not in R gear.
2. The vehicle speed is greater than 10km/h.

## Attention

- The RCTA system is an assisted driving function that does not work in all cases.
- RCTA system cannot replace safe driving and the use of inside and outside rearview mirrors.
- Using RCTA system does not mean that drivers can do nothing and relax. It is always the driver's duty to reverse in a safe way.

Unnecessary, untimely, or ineffective alerts and omission alerts can occur in RCTA systems for a variety of reasons,

For example:

1. Radar is limited.
2. The speed of detecting objects is too fast.
3. There are large and moving metals in the blind area

The following conditions may cause radar identification obstacles and affect the performance of RCTA system, including but not limited to:

1. Radar is misplaced or blocked, or covered with dirt, ice and snow, metal plates, tapes, labels, leaves, etc.
2. The radar or the surrounding area is driven by collision due to vehicle collision, rubbing, etc.



3. Extreme weather conditions such as rain, snow, fog and haze may affect the performance of radar.

4. Due to the limitation of radar identification target characteristics, under rare special circumstances, some metal fences, green belts, cement walls, etc. may give false alarms.

The above warnings and restrictions do not describe all possible situations that may interfere with the RCTA system. There are many factors that can lead to the failure of RCTA system. In order to avoid collision, drivers should be alert when driving vehicles, and always pay attention to the road conditions, so as to back up safely.



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## Schedule maintenance

Refer to "Periodic Maintenance Item Table" in Chapter 12 "Three Guarantees of Quality" for details of regular maintenance.

Project	Check the content
Drive system coolant level	Check regularly whether the coolant level in the three-in- one coolant expansion tank and the power battery coolant expansion tank is between the lower limit (MIN) and the upper limit (MAX) mark.
brake pedal	Check whether the brake pedal can operate freely before starting every time.
Trumpet	Check whether the horn is normal before driving every time.
door (of a vehicle)	Check whether the back door and all other doors (including the rear door) can be opened and closed freely and locked securely.
Airconditioning system	Check the operation of the air conditioner every week.
Cleaning fluid	Check the stock of washing liquid once a month.
Wiper	Check the condition of wiper once a month.
Brake	Check the condition of wiper once a month.
Tyre	Check the tire pressure once a month. Inspect the tread for wear and foreign matter.
12V low-voltage battery	Check the condition of 12V low-voltage battery and the corrosion of terminals once a month.
Defrosting device for front windshield	Check the air outlet of the defrosting device every month when using the heating device and air conditioner.
light on a vehicle	Check the condition of headlights, small lights, tail lights, high brake lights and license plate lights once a month.

## Cleaning and maintenance

### External maintenance

Regular maintenance can keep the vehicle in good condition. The following will introduce how to keep the appearance of the vehicle clean, including: car washing, painting, polishing and wheels, etc., as well as anticorrosion measures.

### Flushing vehicle

Washing the car frequently helps to protect the appearance of the vehicle. Dust and gravel will scratch the paint surface, and leaves and bird droppings will permanently damage the smoothness of the body surface. It is recommended to clean the car body in the shade.

Only the solvents and detergents recommended in the Manual of Use and Three Guarantees can be used. While drying the car body, check the car body for paint or scratches. If found, repair it with repair paint.



### Attention

- The use of chemical solvents and powerful cleaning agents when cleaning vehicles will damage the paint, metal and plastic parts of the vehicle body. It is recommended to wash the vehicle thoroughly with cold water to remove floating dust.
- Check the car body for dirt such as asphalt, leaves, etc. You can use asphalt remover or turpentine to remove such dirt, and then immediately rinse it with clean water to avoid damaging the smoothness of the car body surface.
- After cleaning the whole body appearance, dry it with a soft towel. Drying naturally in the air will cause the car body to lose its luster or form water stains.

### wax

Waxing vehicles helps to prevent dust and chemicals on the road from sticking. After the vehicle is cleaned and dried, it can be waxed at least once every three months, which will help protect the vehicle body. High-quality liquid wax or paste wax should be used. When using, you should refer to the instructions on the package.



Generally, there are the following two types of products:

### 1. Car body wax

Car body wax is a kind of wax applied on the paint surface to protect it from damage caused by sunlight and air pollution. It is recommended that the new car be used for about half a year before waxing.

### 2. Polishing wax

Polishing wax can repair the oxidized or tarnished paint surface and make it shine again. Generally, this kind of wax contains mild abrasive and solvent, which can remove the oxidized paint surface. If the paint surface fails to restore its original luster after being waxed, it should be coated with polishing wax.



#### Attention

When cleaning agent is used to remove dirt such as asphalt and insects, it will cause dewaxing. Therefore, it is necessary to make up wax at the dewaxing position.

### Repair of paint surface

When small cracks and scratches appear on the paint coating, special repair coating or repair paint shall be immediately used for repair to prevent corrosion.

### Aluminum alloy wheel

When cleaning the exterior of the vehicle body, the aluminum alloy wheels of the vehicle should be cleaned at the same time. After cleaning, rinse the aluminum alloy wheels thoroughly with water.

### Water gutter of front compartment

The front water tank is located in front of the front windshield, and under the wiper cover, which is a very important waterway flow structure at the front of the vehicle.

Check the drainage condition of the water trough in the front cabin every 5000km, try to ensure that the wiper cover plate is clean and tidy, and avoid the damage of related electrical equipment caused by blockage of the drainage holes in the water trough or accumulated water. In case of blockage and water accumulation, please contact Dongfeng forthing Special Service Station in time.

### Vehicle sealing strip

Sealing strip is a rubber sealing component installed on the door or the car body, and it is one of the components to ensure the waterproof sealing of the door, belonging to other components.

During the use of the vehicle, the surface of the sealing strip should be cleaned in time to avoid excessive wear of gravel or hard particles on the surface of the sealing strip. Please contact Dongfeng forthing Special Service Station in time if the parts reach the three-guarantee period or the sealing strip surface is worn and damaged.

### Internal maintenance

#### Floor carpet

You should always use a vacuum cleaner to remove the dust from the carpet. Too much dust will accelerate the damage of carpet. Regular washing with detergent can keep the carpet clean as new.

#### Braided fabric

Dust and dirt on the woven fabric should always be sucked by a vacuum cleaner. It can be washed with low-temperature neutral soapy water and then dried in the air.

#### Vinylon

Remove dust and dirt with a vacuum cleaner. Scrub Vinylon with a soft cloth soaked in neutral soapy water to remove stains that are difficult to remove. You can also use spray or foam Vinylon cleaner.

#### Leather

Always use a vacuum cleaner to remove dust and dirt from leather, especially wrinkles and seams. You can clean the leather with a soft cloth dipped in clean water, and then dry it with another soft dry cloth. If further cleaning is needed, you can use soap special for cleaning leather.

#### Car window

Clean the inside and outside of the window with glass detergent. Dry all glass and plastic surfaces with a soft cloth or paper towel.



### Seatbelt

If the seat belt becomes dirty, it can be scrubbed with a soft brush dipped in neutral soapy water. Do not use bleaching powder, dyes or cleaning solvents, which will reduce the durability of seat belts. Do not use the seat belt until it is wet.

Too much dust on the lap ring at the exit of the seat belt will lead to the slow contraction of the seat belt. Clean soft cloth with neutral soapy water or isopropyl alcohol can be used to scrub the inside of the lap ring. It is not recommended to disassemble and clean the seat belt. If it must be disassembled before cleaning, please contact Dongfeng forthing Special Service Station.

### Air freshening preparation

If you need to use air fresheners or deodorants in the car, it is recommended to use solid air fresheners. Some liquid air fresheners contain chemical components, which will cause the fibers of car interior decorations and braids to break or fade.

If liquid air freshener is used, make sure it is properly fixed to avoid spilling while driving.

### Anti-corrosion

Salt, dirt and moisture tend to accumulate at the bottom of the vehicle. The paint of the vehicle is scraped off or worn by stones and gravel, etc., which will cause the metal to lose its protection and be exposed to the outside, thus causing the vehicle to rust. The usual measures to prevent rust are:

1. Keep the vehicle clean
2. Keep the garage dry.
3. Keep the paint surface and decorations in good condition.
4. Do regular in-car maintenance, etc.

## Self-maintenance

### Front engine room

#### Open the engine hood



1. Pull the engine hood opening handle located at the lower left side of the instrument panel, and the cabin cover will pop up slightly.



2. Turn the safety lock lever to the left and lift the cabin cover.



### Close the engine hood



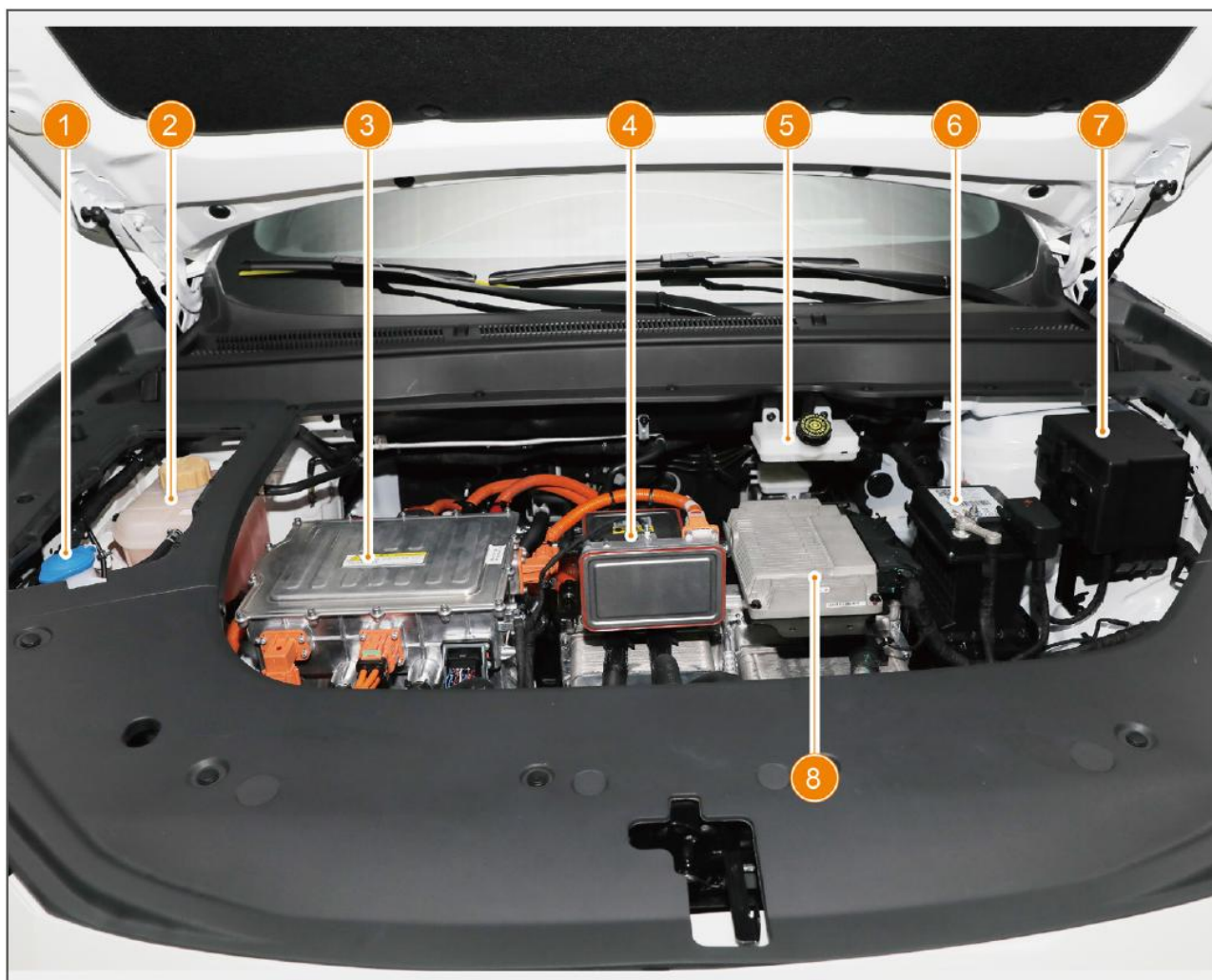
For vehicles not equipped with air strut of engine cover, lift the engine cover to a height of about 30cm from the closed position, and then release it, so that it can be closed by falling freely. For the vehicle equipped with the air strut of the engine room cover, pull the engine room cover down to a height of about 30cm from the closed position, then push it down until it is closed, and confirm that it is locked in place. If it is not locked in place, press the middle part of the front end of the engine compartment cover firmly until it is completely closed.



### Engine room arrangement

The picture is for reference only, and the actual car will prevail.

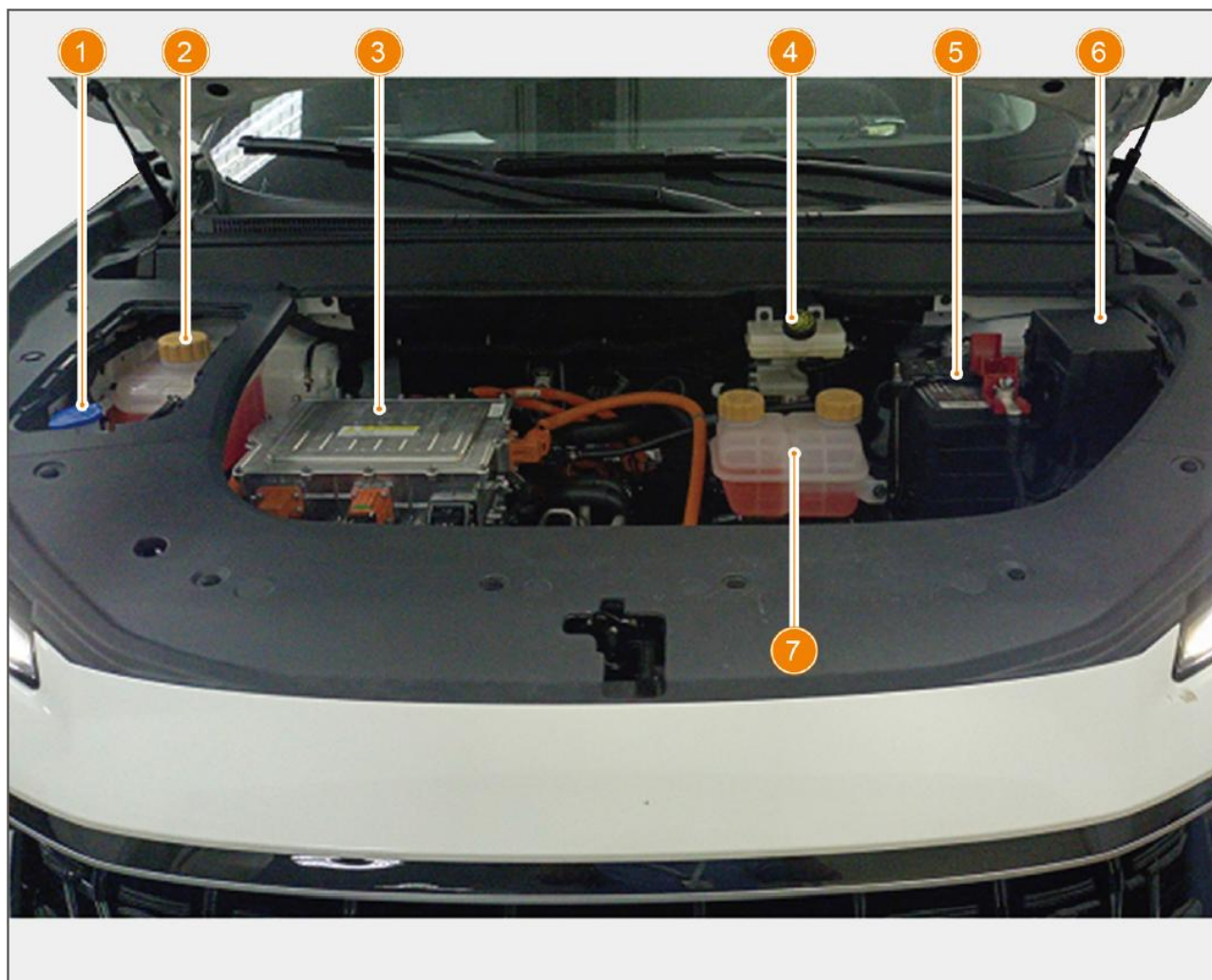
#### Type 1



- |                                       |                                    |
|---------------------------------------|------------------------------------|
| 1. Cleaning fluid liquid storage tank | 5. Brake fluid liquid storage tank |
| 2. Coolant expansion tank             | 6. 12V storage battery             |
| 3. Three-in-one controller box        | 7. Engine room fuse box            |
| 4. PTC                                | 8. TMS                             |



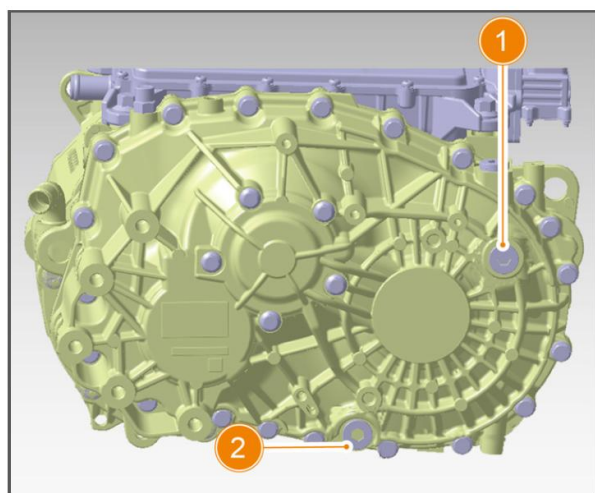
## Type 2



- |   |   |
|---|---|
| 1. Cleaning fluid liquid storage tank                     | 5. 12V storage battery                                    |
| 2. Coolant expansion tank (Motor and controller circuits) | 6. Engine room fuse box                                   |
| 3. Three-in-one controller box                            | 6. Coolant expansion tank (Power battery and PTC circuit) |
| 4. Brake fluid liquid storage tank                        |   |



## Reducer lubricating



1. Oil filler
2. Oil discharge outlet

The lubricating oil in the reducer should be replaced as required. When replacing, all the oil in the reducer should be drained, and then new lubricating oil should be injected.

Please select the reducer lubricating oil suitable for the vehicle.

Project	型号	Filling amount
Reducer lubricating	道达尔APIGL-475W-90	1.3±0.05L

## Drive system coolant

### Type 1 coolant inspection



### Type 2 coolant inspection

#### Coolant expansion tank(Power battery and PTC circuit)

This coolant expansion tank is consistent with the first type.

#### Coolant expansion tank(Power battery and PTC circuit)



Check whether the coolant level is between the upper limit (MAX) and the lower limit (MIN) scale line. If it is lower than the lower limit, add coolant to the coolant expansion tank to the vicinity of the upper limit.

### Supplementing coolant

Open the lid of the coolant expansion tank to add coolant. Tighten the lid after adding. Different brands of coolant can't be mixed, otherwise chemical reaction will easily occur, which will affect the service life of the driving motor. Please use the four seasons antifreeze coolant designated by Dongfeng forthing. Do not use antifreeze and water instead of four seasons antifreeze coolant.

#### Warning

Opening the coolant expansion tank cap while the drive system is not fully cooled may cause coolant to spray out, resulting in serious burns. Before opening the coolant expansion tank cap, it is necessary to confirm that the drive system has cooled down..

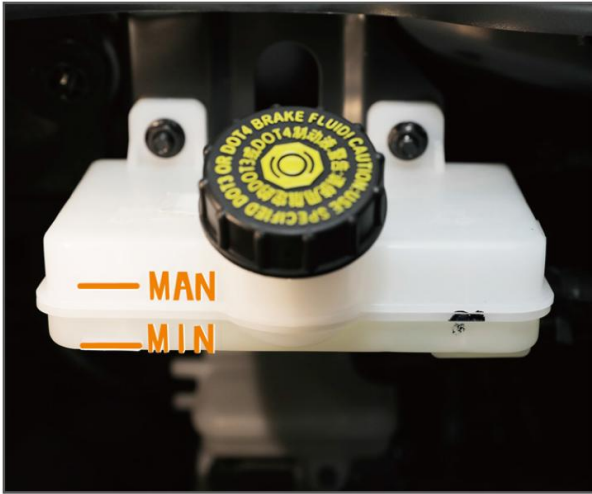
### Coolant replacement

Under normal circumstances, the coolant needs to be changed every 2 years or 20,000 kilometers, and it is first come, first served.



### Brake fluid

#### Brake fluid inspection



overflows onto vehicle paint, it needs to be cleaned with plenty of water.

1. Check the liquid level in the liquid storage tank once a month.
2. The liquid level should be between the scale lines of the lower limit (MIN) and the upper limit (MAX) on the tank wall of the liquid storage tank. If the liquid level is at or below the lower limit (MIN) scale line, please contact Dongfeng forthing Special Service Station for inspection.

#### Brake fluid replacement

The brake fluid will absorb the moisture in the air, too high water content will cause the brake system to be corroded and damaged, and the boiling point of the brake fluid will drop obviously. The brake fluid should be replaced in time according to the requirements of the regular maintenance table. Please contact Dongfeng forthing Special Service Station to change the brake fluid.

#### Warning

- Be sure to use the brake fluid specified by Dongfeng forthing or DOT4 products of the same grade packaged in closed containers recognized by Dongfeng forthing. Different brake fluids cannot be mixed.
- Do not mix brake fluid with liquid containing mineral oil. Mineral oil will damage the seals and sealing plugs of brake devices.
- Brake fluid is toxic, so it should be kept out of the reach of children. Once it is eaten by mistake, it should be checked at the hospital immediately.
- Brake fluid is corrosive, so it is not allowed to come into contact with vehicle paint. Once it



### Warning

- Brake fluid can damage the skin, if accidentally splashed. Skin or eyes, need plenty of clean water, such as feeling. If you feel unwell, you should go to the hospital for examination immediately

### Maintenance and technical requirements of brake fluid

1. The maintenance period of brake fluid is changed every 2 years or 40,000 kilometers, whichever comes first.
2. The technical requirements of brake fluid shall comply with the relevant provisions of GB12981.

### Glass cleaning solution inspection



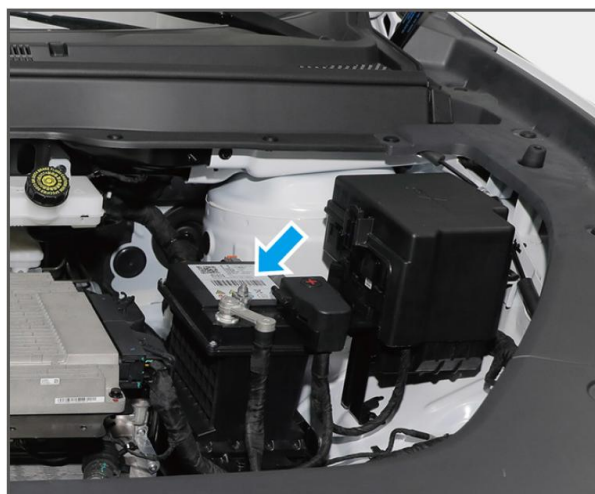
1. Check whether there is enough washing liquid in the washing liquid storage tank.
2. When the water spray function of the wiper is used to find that no water is sprayed, it means that the glass washing liquid is insufficient, and washing liquid can be added appropriately.

### Attention

- High-quality glass cleaning solution can improve decontamination ability and prevent freezing in cold weather.
- It is recommended to use the glass cleaning solution specified by Dongfeng forthing. Antifreeze will damage the surface paint of the vehicle, and vinegar-water solvent will damage the water pump of the front windshield washer.
- If ethanol based detergent is used, the ethanol content of the detergent should not exceed 24%.



## 12V storage battery



This car is equipped with a maintenance-free 12V low-voltage battery, which is located on the right side of the engine room, and mainly provides electric energy for the start-up of the car and the electric appliances on the car. If the 12V low-voltage battery is seriously short of power, the vehicle can't be started.

### And matters needing attention.

1. Do not turn on the lights, stereos, wipers and other electrical appliances for a long time after the vehicle stops.
2. If you need to stop for more than five days, it is recommended to unplug the negative terminal of the 12V low-voltage battery to prevent the electric appliances on the car from consuming the 12V low-voltage battery.
3. After the vehicle stops, pay attention to whether the lights, stereos, air conditioners and other electrical appliances have been turned off.
4. Check the status of 12V low-voltage battery once a month. Check whether the terminal is corroded (white or light yellow powder). If there is corrosion, please contact Dongfeng forthing Special Service Station.

### Emergency treatment of contact electrolyte

The electrolyte of 12V storage battery is highly corrosive and highly toxic. In case of accidental contact, please treat it as follows:

**Eye contact:** rinse with water in a cup or other container for at least 15min, and seek medical attention immediately.

**Skin contact:** Take off contaminated clothes, rinse skin with plenty of water, and seek medical attention immediately.

**Drink electrolyte by mistake:** drink water or milk, and seek medical attention immediately.

### Warning

- If you need 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. When reconnecting, you need to 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. Mars or open flame will cause the explosion of 12V low-voltage battery, and its explosion energy is enough to cause serious injury. Please avoid driving in places where there are sparks and open flames nearby.

## Air conditioning filter

The air conditioner filter can remove pollen and dust brought in by the air conditioner system from the outside.

Air-conditioning filters must be replaced during regular maintenance every 20,000 kilometers. Please refer to the "Schedule of Regular Maintenance Items" in the Three Guarantees Manual.

### Replace air conditioner filter.

The air conditioner is located in the glove box.

1. Open the glove box.
2. Squeeze the upper and lower sides of the air conditioner filter to disengage the tabs on both sides, and remove the filter.
3. Insert a new air conditioner filter.
4. Close the glove box.

### When the air conditioner is not used for a long time

Even 5min cold months, the air conditioner should be turned on at least once every two weeks for at least 5 minutes each time. This is to prevent the lubrication deterioration of parts inside the compressor, so as to keep the air conditioner in the best running state.



## Tyre

In order to drive the vehicle safely, the type and size of tires must be suitable, with good tread patterns and proper tire pressure.



### Attention

- Using tires with excessive wear or insufficient tire pressure will cause accidents and personal injury.
- All instructions on tire inflation and maintenance in this Operation and Three Guarantees Manual must be followed.

## Tire pressure label



This car is labeled with tire pressure. This label is located under the door frame of the main driver, indicating the air pressure of the front and rear wheels of the vehicle.

For tire pressure, pay attention to the following points:

1. Before each drive, it is recommended to visually check the tires.
2. If necessary, the tire should be inflated or deflated to make the tire pressure reach 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 40kPa higher than the cold reading. This kind of phenomenon is normal. Please do not deflate in order to reach the specified cold reading, which will lead to 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 combination meter will display corresponding alarm information (see the "Warning Lights" in Chapter 4 "Combination Meter" for details).



### Attention

- Please keep the tire pressure near the standard pressure value. When the tire pressure indicates "-" and the specified tire illuminates, it indicates that the tire pressure monitoring system has lost its signal. Please contact Dongfeng forthing Special Service Station in time.
- There is no need to re-match the tire pressure sensor due to tire installation and disassembly. However, if the tire position is changed and the position of the tire pressure sensor changes, it is necessary to re-match the tire pressure. Please contact Dongfeng forthing Special Service Station.
- The tire pressure information displayed in the static state is the information of the last running of the vehicle. Therefore, after the tire is deflated or inflated, if it is necessary to update the tire pressure data, it is necessary to drive the vehicle at a speed of 30km/h for 1min, and the tire pressure information interface will update 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 lead to uneven wear, affecting maneuverability and increasing fuel consumption.

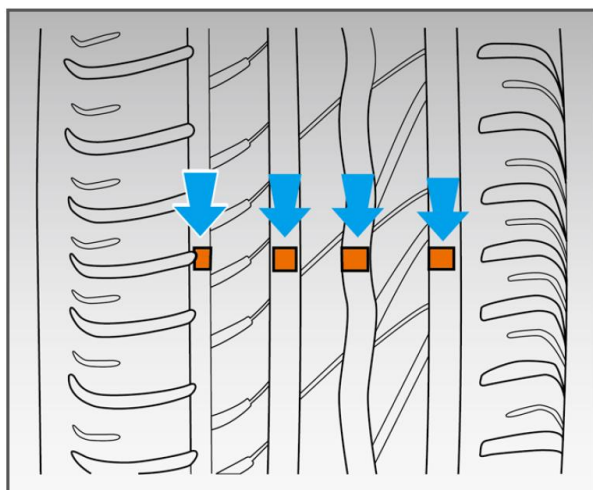
Over-inflated tires will reduce ride comfort, and are more likely to be damaged by uneven road surface, and lead to uneven tire wear.

## Tyre inspection

Every time you check the inflation state of the tire, you should also check whether there is any trauma, foreign body penetration and wear on the tire. Check as follows:

1. The tire side is scratched, cracked or broken. If the tire cloth or cord can be seen, the tire should be replaced.
2. Excessive tread wear.



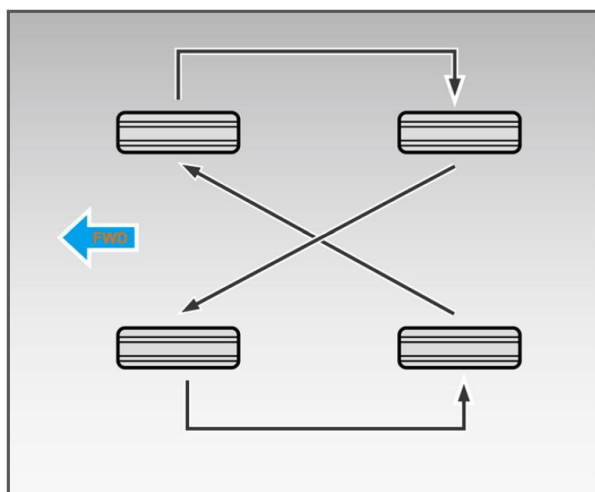


The tire must be kept in good condition, and the tread pattern on the tire surface should be deep enough. The degree of tire wear can be measured by the convex points inside the tire running belt. If the tread thickness is less than 1.6 mm, it is necessary to replace the tire, which lacks adhesion when driving on slippery roads.

## Tyre maintenance

Besides proper inflation, proper wheel alignment also helps to reduce tread wear. If you find uneven tire wear or feel some kind of continuous vibration while driving, please contact Dongfeng forthing Special Service Station.

## Tire transposition



In order to prolong the service life of the tire and make the tire wear evenly, the tire position should be changed every 10,000 kilometers. Every time you change positions, you should operate as shown in the above figure.

## Wheels and tire size

Rim specifications: 18×6.5J (for specific models) and 19×7J.

Tyre size: 235/60 R18 (available for certain models), 235/55 R19.

Regarding the size of tires suitable for this car, the tire placard attached to the door frame of the main car shall prevail, or contact Dongfeng forthing Special Service Station.

## Winter tire

Due to the limited applicability of summer tires in winter, it is recommended to use winter tires on snow and ice roads. When installing winter tires, four wheels should be installed at the same time to ensure safe driving. Only tires of the same brand and shape can be used. When purchasing, pay attention to the size, load capacity and speed grade of tires. Install winter tires according to the marks on the registration card.

If you choose winter tires with low rated speed, do not exceed the maximum rated speed of the tires when driving.

## Replace tires and wheels.

Radial tires with the same size, load range, rated speed and maximum cold tire pressure (marked on the side of the tire) should be selected for replacement. Using radial tires and twill tires will reduce the braking capacity, driving force (ground adhesion) and steering accuracy of the vehicle. Using tires of different sizes or structures will cause ABS system to fail to work properly.

ABS system works by comparing the rotation speed of wheels, so when changing tires, you must use tires with the same size as the original tires of the vehicle, otherwise, it will affect the rotation speed of wheels and may lead to uncoordinated system actions. Replacing only one tire will seriously affect the maneuverability of the vehicle. If tires need to be replaced, it is recommended to replace two front tires or rear tires in pairs. If necessary, four tires can be replaced at the same time.

If the wheels need to be replaced, make sure that the specifications of the new wheels are consistent with those of the original wheels. Please contact Dongfeng forthing Special Service Station before changing the wheels.



### Tyre chain

Snow chains can only be used in emergency situations or when driving through specific areas that are expressly stipulated by law. Snow chains should be installed on driving wheels, preferably all four wheels. The anti-skid chain that matches the tires of the vehicle should be selected.

After the anti-skid chain is installed, the handling performance of the vehicle is poor. It should be driven at a low speed to avoid full load. Please carefully read the component assembly drawing and other instructions from the manufacturer of snow chains.

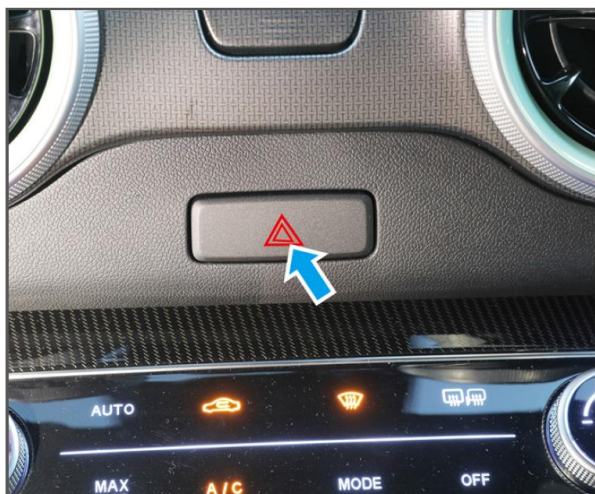


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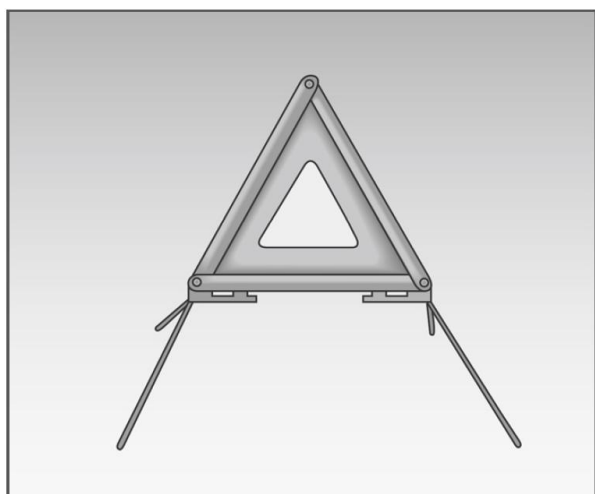
### Hazard warning device

#### Hazard warning light



Press the hazard warning light switch above the air conditioning control panel, and the turn signal and hazard signal warning lights on the turn signal and instrument cluster will start flashing to remind pedestrians and passing vehicles to avoid this vehicle.

#### Triangle warning sign



The triangle warning sign is placed under the trunk lid, and you can see it when you lift the lid.

When a vehicle has an accident while driving, try to stop on the right, take out the triangle warning sign, put the reflector back to the vehicle and stand 100 ~ 200 m behind the vehicle to remind you to come to the rear, and turn on the danger warning light.

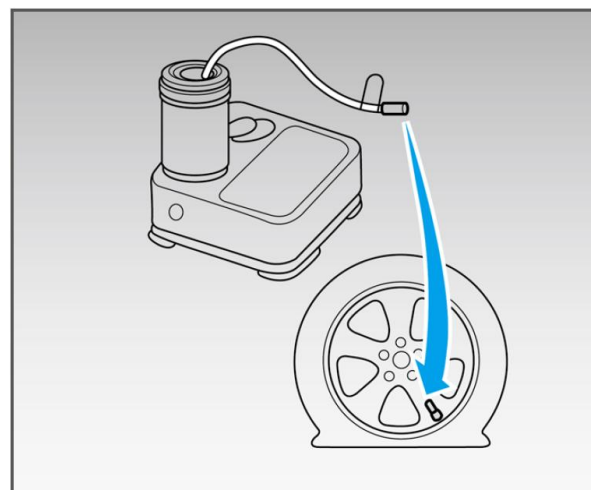
### Tyre repair



Your vehicle is equipped with emergency tools for repairing tires. Slight damage to tire tread can be repaired with emergency tools for repairing tire. The vehicle tire repair emergency kit is located under the trunk lid.

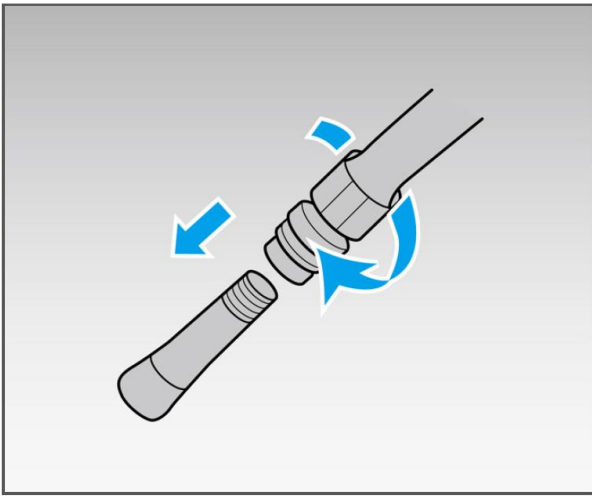
#### Use method of vehicle tire repair emergency tool

1. If the tire is punctured, please park the vehicle on a solid, flat and not slippery road away from traffic. After the vehicle is stopped, turn off the power supply and pull up the EPB switch. Turn on the hazard warning light and place a warning triangle at a suitable distance.
2. Take out the vehicle tire repair emergency kit from the storage slot under the floor cover of the trunk, and take out the air pump and tire repair liquid bottle.
3. Pull out the air pump hose and the power cord, connect the air pump hose with the air inlet of the tire-filling liquid bottle, and then tighten. Insert the tire-mending liquid bottle into the fixed groove on the air pump and stand upright.

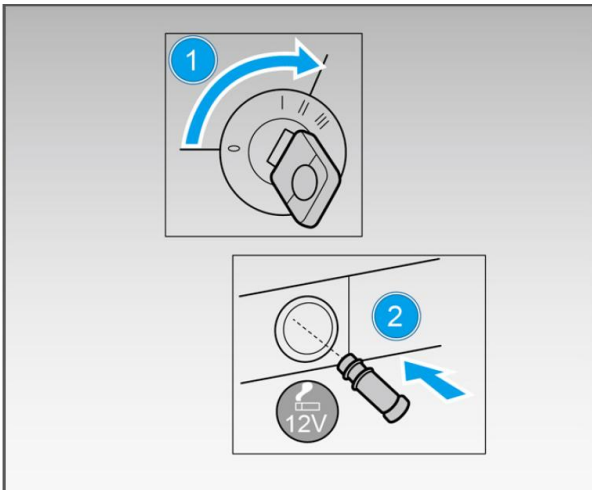




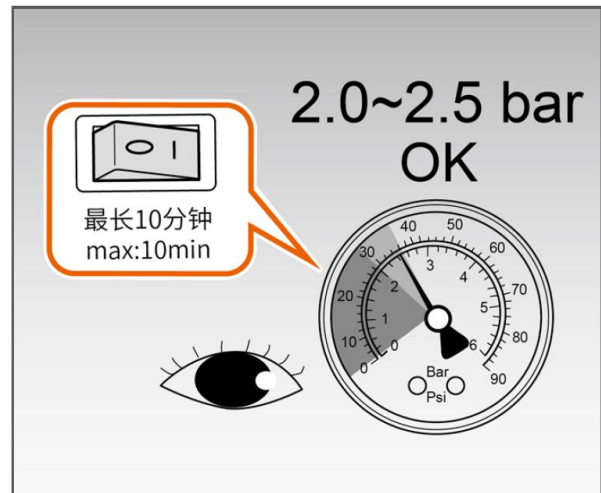
4. Unscrew the valve protective cap of the faulty tire, connect the hose of tire repair fluid with the tire valve and tighten it.



5. Start the vehicle, insert the power connector of the inflator into the 12V power supply, and turn on the inflator switch.



6. When the tire pressure rises to 2.0 ~ 2.5 bar, turn off the switch of the inflator, unscrew the hose of the inflator and put the inflator away. If the tire pressure does not reach 2.0 ~ 2.5 bar after more than 10min minutes of inflation, please stop repairing immediately and refer to item 7.2.2.

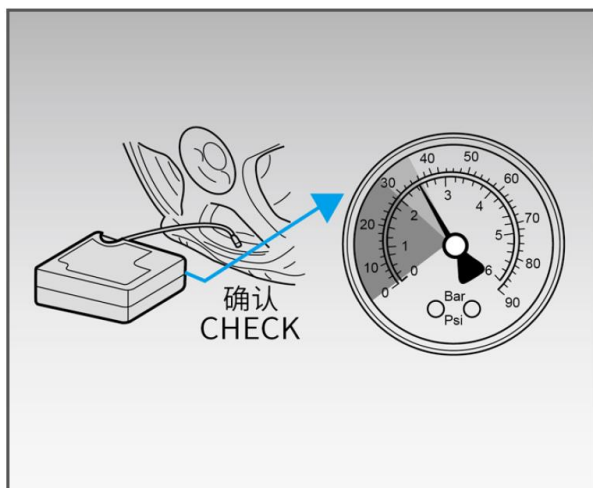


7. After the tire repair is completed, unscrew the tire repair fluid hose, disconnect the power connector, and put the emergency tools for tire repair in the trunk. Drive within 1min. After the first 5km, please check the tire pressure with an inflator.



7.1 The tire pressure is still within the range of 2.0 ~ 2.5 bar, and you can continue driving for about 100km. Go to the nearest Dongfeng forthing special service station for help, and the speed shall not exceed 80 km/h.





7.2 When the tire pressure is lower than 2.0bar, please use the air pump to inflate again to 2.0 ~ 2.5 bar. After 5km, check the tire pressure with the inflator again.

7.2.1 The tire pressure is still within the range of 2.0 ~ 2.5 bar, and you can continue driving for about 100km. Go to the nearest Dongfeng forthing special service station for help, and the speed shall not exceed 80 km/h.

7.2.2 When the tire pressure is lower than 2.0bar, please park the vehicle away from the traffic. Turn on the hazard warning lights, put the triangle warning signs in the appropriate positions, and contact Dongfeng forthing Special Service Station.



### Warning

- Emergency tools for vehicle tire repair are limited to tire emergency repair, and are suitable for short-term use in case of emergency to ensure that the vehicle travels to the nearest Dongfeng forthing special service station. Before operation, you must carefully read the operation instructions of emergency tools for vehicle tire repair and replace the new tire as soon as possible.
- Park the vehicle as far away from the traffic as possible, turn on the hazard warning indicator and place the triangle warning sign when necessary.
- Tire damage and wheel damage caused by low tire pressure will significantly reduce the safety of vehicle driving. Please do not continue driving and contact Dongfeng forthing Special Service Station immediately.
- If the leakage point of the tire is large or the damaged position is close to the tire wall of the rim, you can't use the emergency vehicle tire repair tool to repair it. Please contact Dongfeng forthing Special Service Station immediately.
- Do not pull out objects that cause tire damage during operation.(screws or nails, etc.).
- During inflation, the temperature of the inflator and its hose will rise, which is a normal phenomenon.
- The validity period of the tire-patching fluid is five years. Please determine the production date before use (the production date is printed on the tire-patching fluid tank).
- Fetal fluid should not come into contact with skin or eyes, and should be kept away from children.
- The external temperature range of tire-patching fluid for normal operation is-30℃ ~ 70℃.
- Tire-patching fluid is a disposable item. Please buy a new tire-patching fluid at Dongfeng forthing Special Service Station as soon as possible after completing the emergency tire-patching of the vehicle or after the tire-patching fluid expires, so as to ensure that the vehicle has a regular tire-patching fluid. Please go to Dongfeng forthing Special Service Station for help as soon as possible after successful repair with emergency vehicle tire repair tools.
- After repairing the tire with tire patching fluid, the speed of the vehicle should not exceed



80km/h, and sudden acceleration, sudden braking and quick turning should be avoided.



## Change a light bulb

Replacing the light bulb usually requires removing some vehicle parts, so professional skills are required for related operations, otherwise the lampshade may be damaged. For replacement, please contact Dongfeng forthing Special Service Station.

### Specification of bulb

Name	Bulb type
Headlamp (dipped beam)	HI12V55W
Headlamp (high beam)	HI12V55W
Front turn signal lamp	PY21W
Former position lamp	W5W12V
Daytime Running Lights	LED
Side turn lamp	WY5W
Rear turn signal	PY21W
Reversing lamp	LED
Rear fog lamp	LED
license plate light	W5W
Front indoor lamp	C5W
Rear indoor	C5W
Luggage lamp	C10W
Stop lamp	LED
High-mount stop lamp	LED

### Headlight calibration

When the new car leaves the factory, the headlights have been calibrated. If you often use luggage to carry heavy objects, the headlights may need to be re-calibrated. Please contact Dongfeng forthing Special Service Station for headlight calibration.

## Frequently asked questions

Why does "fogging" sometimes appear on the glass surface of headlamp?

In general, the observed fog in the headlights is caused by the evaporation of water in the lamp body material and condensation when the temperature is low. This is a normal physical phenomenon, and the fog will eventually dissipate after each formation.

The method to eliminate the fog is as follows: During driving, the fog in the effective area irradiated by the front headlights can be dissipated after the low beam is lit for a period of time.



### Attention

- When the headlights are turned on, the surface temperature of the headlights is very high. Do not directly touch the surface of the lamps to avoid burns.
- To avoid damaging the car lights, do not use invasive abrasive or chemical solvents to clean the car lights.
- Do not wipe or clean the lamp shade with sharp objects when the lamp shade is dry.

## Maintenance and maintenance of wiper

### Wiper maintenance mode

When the start switch is in the OFF position, toggle the wiper control handle upward, and the front wiper will stop at the position close to the maximum height, which is convenient for maintenance and repair of the wiper blade. When the start switch is reset to the ON position, the front wiper will automatically return to its home position.

### Front wiper blade replacement



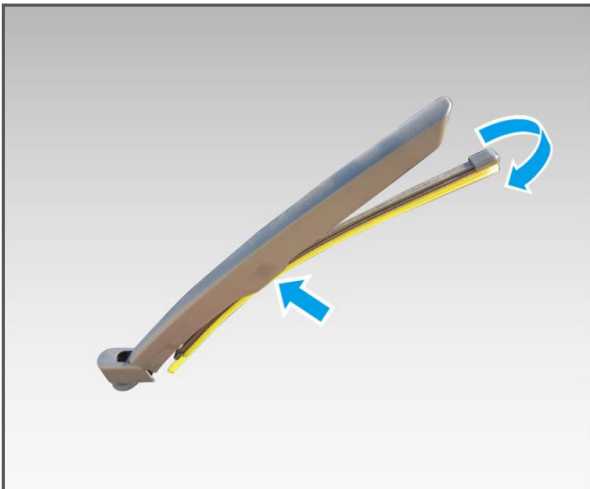


1. After opening the wiper maintenance mode, pull up the wiper arm, pull out the wiper blade along the opening direction of the wiper rod, and remove the wiper blade.



2. Replace the wiper blade with a new one and operate in the reverse order to ensure that the wiper blade is properly installed in place.

### Rear wiper blade replacement



Check whether the rear wiper blade is worn or broken.

To replace the rear wiper blade, please follow the following steps:

1. Pull the rear wiper blade away 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 into place.
4. Fold the rear wiper arm back onto the rear windshield.

### Warning

When checking, cleaning or replacing the rain wiper in the rain sensor area, please turn off the automatic wiper function to avoid harm to human body.

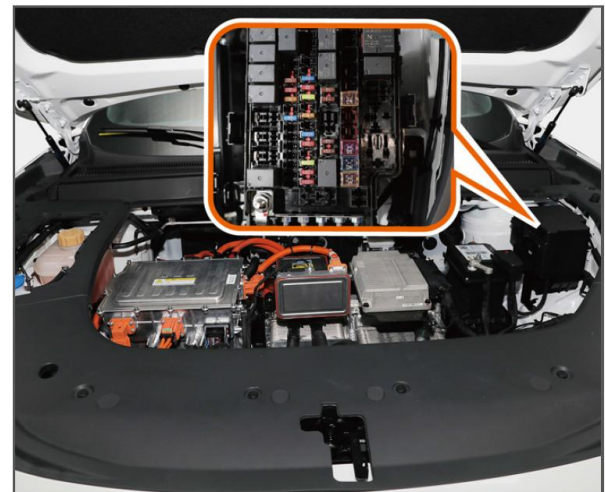
### Attention

Do not open the cabin cover when the wiper arm is pulled up, or the cabin cover and wiper arm will be damaged.

## Replace fuse

### Fuse box position

#### Cabin fuse box



The fuse box of the engine room is located at the upper right part of the engine room. Unpack the buckles on the left and right sides of the fuse box, and open the box cover to view the fuse.

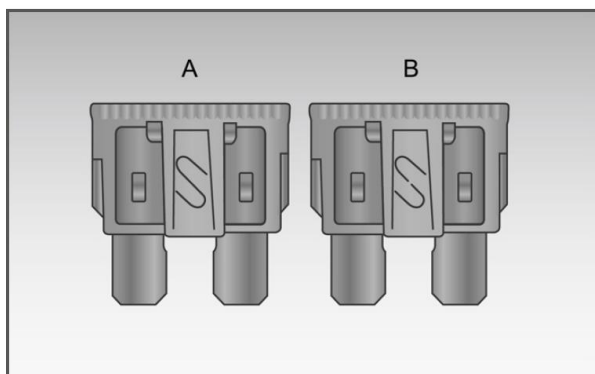


## Indoor fuse box



The indoor fuse box is located in the lower left corner of the instrument panel. Remove the cover to view the fuse.

## Check the fuse

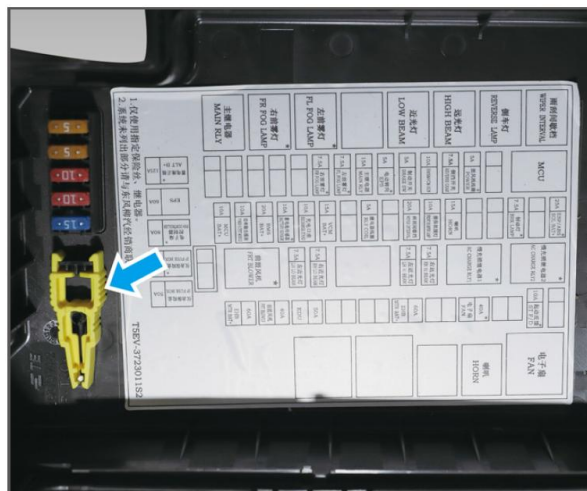


A: Normal

B: The fuse is blown

Fuse protects vehicle electrical equipment by preventing overload of vehicle electrical equipment. A blown fuse indicates that the circuit it protects has failed and stopped working. If you suspect that there is something wrong with the fuse, you can use the fuse puller to take it out and see if it is blown.

## Replace fuse



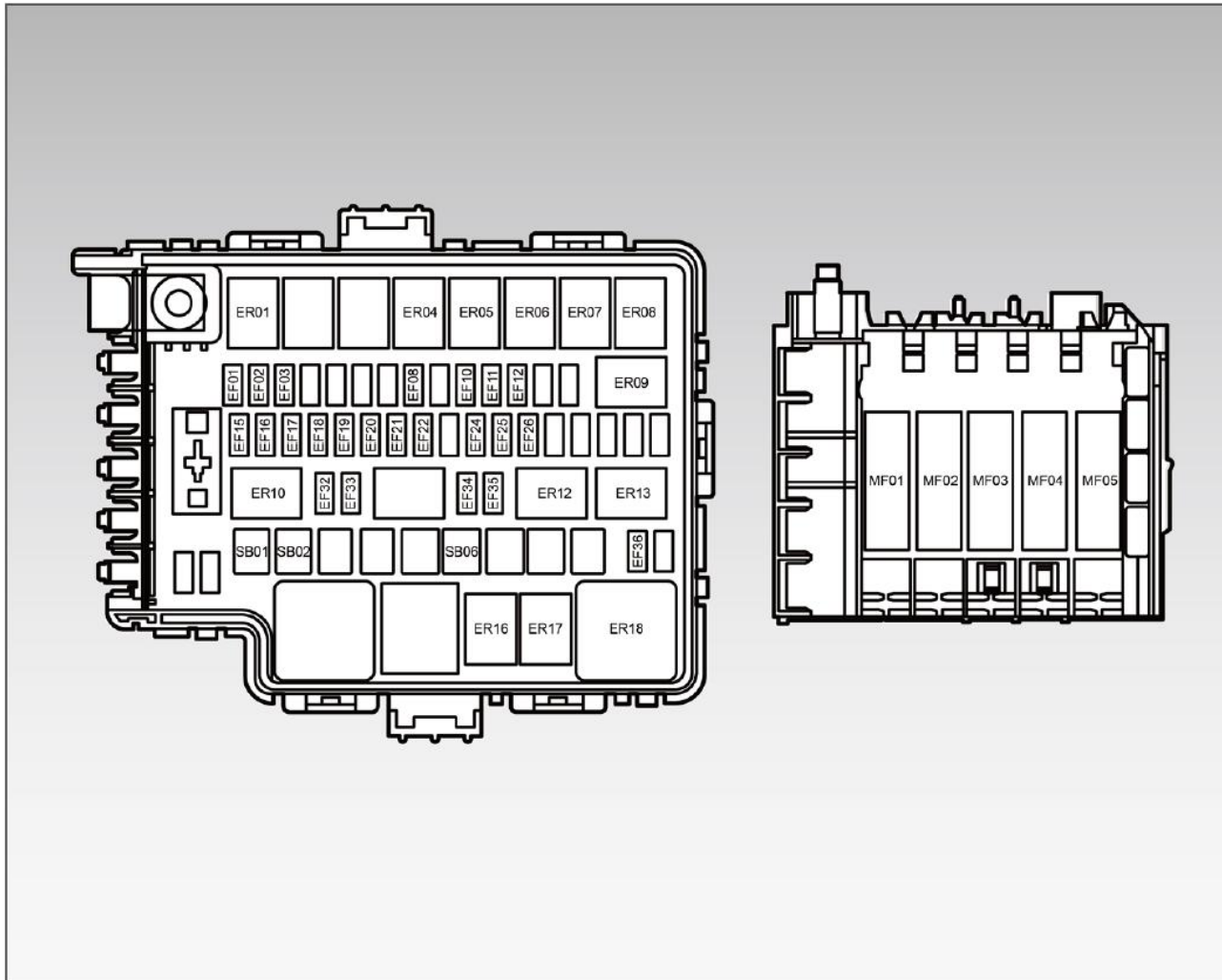
There is a fuse puller in the fuse box of the engine room. Use the puller to pull the fuse straight out of the fuse box. If the fuse doesn't blow, there must be other reasons leading to the failure. Please contact Dongfeng Forthing Special Service Station as soon as possible.

Look for the blown wire in the fuse. If the fuse is blown, it should be replaced by a spare fuse with the same or lower amperage.

If the replacement fuse with the same rating blows again in a short time, it indicates that the vehicle may have serious electrical faults. Please contact Dongfeng Forthing Special Service Station as soon as possible.



## Engineroom fuseboxlayout



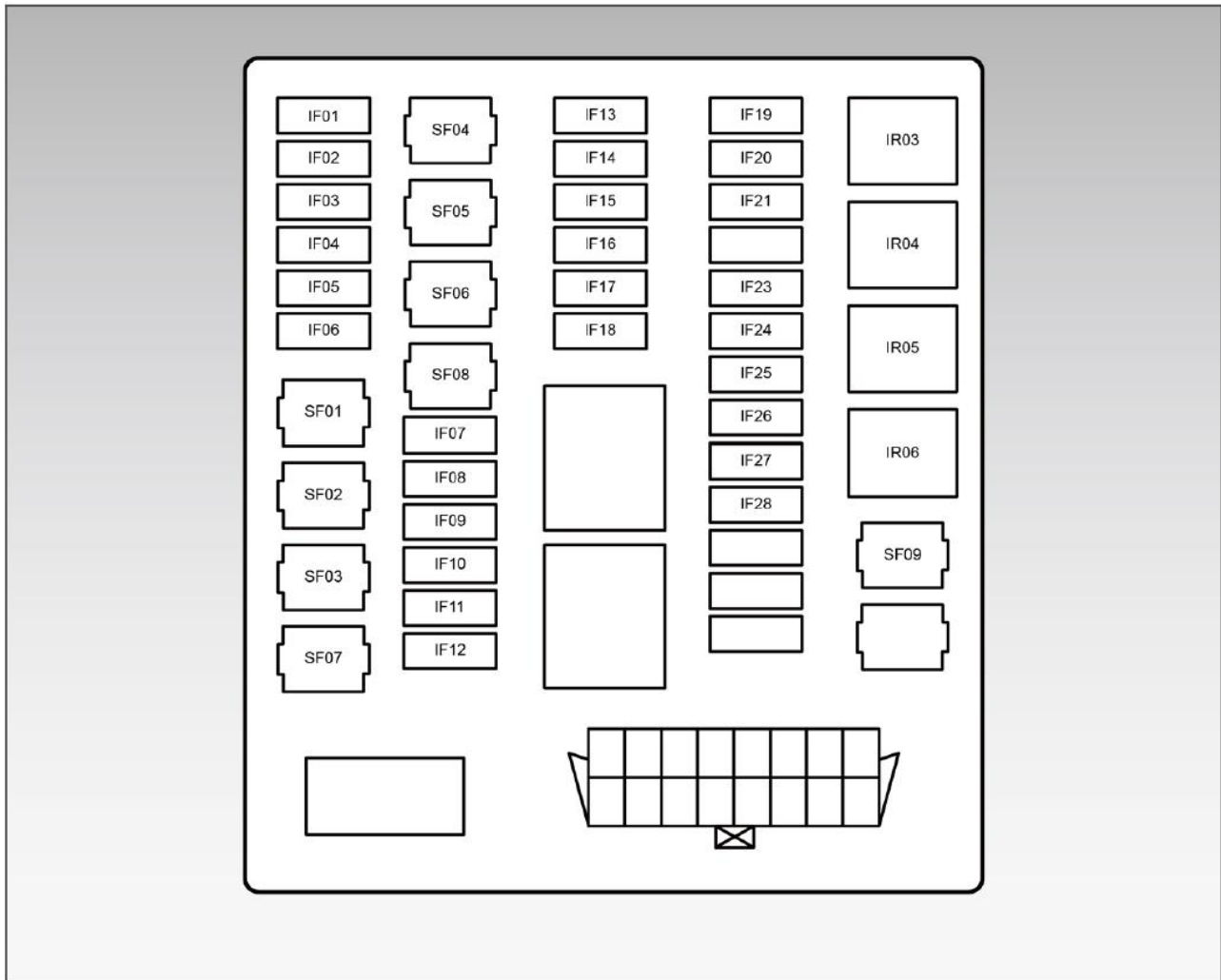
No.	Name	Rated Current (Ampere)	Explanation
EF01	EFI relay fuse	7.5A	-
EF02	Ignition coil fuse	15A	-
EF03	Electric injection actuator	15A	-
EF04	Electric injection sensor	10A	-
EF08	Main relay fuse	15A	-
EF10	Brake fuse switch	5A	-
EF11	EMS&VCM IGN fuse	10A	-
EF12	Reverse switch fuse	7.5A	-
EF15	MCUBAT+ fuse	10A	-
EF16	BMS BAT+ fuse	20A	-
EF17	Storage battery sensor fuse	10A	
EF18	Charging port fuse	10A	
EF19	VCM BAT+	15A	
EF20	TCU BAT+ fuse	25A	-



No.	Name	Rated Current (Ampere)	Explanation
EF21	Vacuum pump fuse	25A	-
EF22	Relay coil fuse	5A	-
EF23	TCU BAT+ fuse	25A	-
EF24	Wiper intermittent fuse	15A	-
EF26	Speaker fuse	15A	-
EF28	DTC Water pump fuse	5A	-
EF30	Compressor fuse	10A	-
EF32	Left low beam fuse	7.5A	-
EF33	Right low beam fuse	7.5A	-
EF34	Left high beam fuse	7.5A	-
EF35	Right high beam fuse	7.5A	-
EF36	Start feedback fuse	5A	-
SB01	ESP/ABS MTR BAT+fuse	40A	-
SB02	Front blower fuse	40A	-
SB05	High speed fan fuse	40A	-
SB06	ESP/ABS SOL BAT+fuse	40A	-
SB07	Start fuse	25A	-
SB08	Low speed fan fuse	30A	-
MF01	Battery positive fuse	125A	-
MF02	Electric booster fuse	60A	-
MF03	Electronic fan controller fuse	80A	-
MF04	Fuse of instrument fuse box	50A	-
MF05	Fuse of instrument fuse box	50A	-



## Indoor fuse box layout



No.	名称	额定电流（安培）	说明
IF01	Start button fuse	5A	-
IF02	ESCL fuse	10A	-
IF03	Wireless charging fuse	10A	-
IF04	Diagnostic fuse	10A	-
IF05	Outdoor lamp fuse	20A	-
IF06	Combination instrument fuse	10A	-
IF07	Indoor dome light fuse	10A	-
IF08	Sunroof fuse	20A	-
IF09	Seat heating fuse	20A	-
IF10	Audio fuse	15A	-
IF11	Air conditioning controller fuse	10A	-
IF12	Front washing fuse	10A	-
IF13	Airbag fuse	10A	-
IF14	Air conditioning controller fuse	7.5A	-



No.	名称	额定电流（安培）	说明
IF15	Combination instrument fuse	7.5A	-
IF16	Engine room IGN1 fuse	15A	-
IF17	Roof IGN2 fuse	7.5A	-
IF18	Instrument IGN2 fuse	7.5A	-
IF19	Backlight fuse	5A	-
IF20	Right front and left rear	5A	-
IF21	Front right rear position	5A	-
IF23	12V power fuse	15A	-
IF24	USB power fuse	10A	-
IF25	ACC fuse of instrument	7.5A	-
IF26	Blower feedback fuse	5A	-
IF27	Panoramic fuse	5A	-
IF28	Air conditioning controller fuse	7.5A	-
SF01	Ignition switch fuse	30A	-
SF02	Door lock fuse	20A	-
SF03	Left door module fuse	30A	-
SF04	Right door control module fuse	30A	-
SF05	Electric seat fuse	25A	-
SF06	Rear defrosting fuse	25A	-
SF07	Front and rear wiper fuse	20A	-



### Vehicle towing

#### Front traction point



#### Rear traction point



If the vehicle needs towing, contact the professional vehicle towing service department. Don't only use ropes or chains to tow the vehicle.

### Traction method

#### Flat plate device

It is the best way to transport vehicles by loading 90 cm on trucks.

### Lifting wheel device

Two arms of tractor are inserted into the bottom of the front wheel of the vehicle, and the wheels are lifted off the ground, and the rear wheels are still on the ground. This is a feasible way to tow the vehicle.

### Attention of traction

When using wheeled traction, the traction mileage should not exceed 50km, and the speed should be kept below 30km/h.

If the body is equipped with a front spoiler, it should be removed before towing to avoid damage. Do not lift or tow the vehicle from the bumper, which will cause serious damage. When installing the traction cable, special attention should be paid to prevent the cable from damaging the vehicle body.

When all-wheel landing traction is adopted, a reasonably designed device with traction bars must be used. Set the start switch to ACC position to unlock the steering wheel, and put the shift lever into N position.

If it is impossible to shift gears or start the vehicle, the front wheel can only be to wed off the ground.

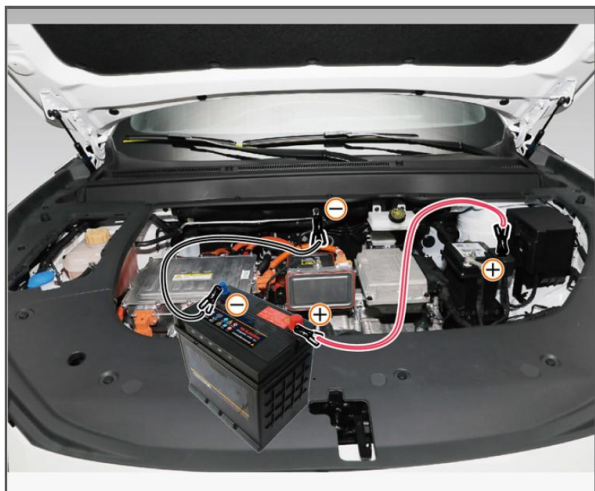
### Start-up

If the vehicle can't be started due to the insufficient power of the 12V low-voltage battery, the jumper cable can be used to start the vehicle with the help of the 12V low-voltage battery on other vehicles. There is danger of crossing, so be careful.

### Operation steps

1. Open the engine compartment cover.
2. Turn off all electrical accessories, shift the gear to N, and pull up the EPB switch.
3. Connect the jumper cable positive clip to the positive (+) terminal of the 12V low-voltage battery of this vehicle.
4. Connect the clip at the other end of the positive cable to the positive (+) terminal of the rescue vehicle battery.
5. Connect the negative cable clip to the negative (-) terminal of the rescue vehicle battery.





6. As shown in the figure, avoid 12V low-voltage batteries and moving parts, and connect the clip at the other end of the negative cable to the solid, fixed and unpainted metal parts of this vehicle.

7. Start the rescue vehicle and keep it for about 5min, so as to charge the 12V low-voltage battery of the vehicle.

8. Start the vehicle and keep it in the ON position.

9. After the car is running, please remove the jumper cable in the reverse order to that when it was connected, and contact Dongfeng Forthing Special Service Station to repair the car as soon as possible.

### Warning

When starting with jumper cables from other vehicles, correct operation must be carried out according to the instruction manual. Improper operation steps may cause fire, explosion or damage to the vehicle.

## Drive motor overheating

If the power system fault warning light on the instrument cluster lights up, check it immediately according to the following steps:

1. Park the vehicle safely to the side of the road, switch the gear to N, pull up the EPB switch, turn off all electrical accessories and turn on the hazard warning lights.

2. If the drive motor is overheated due to overload, the drive motor will start cooling immediately after the vehicle stops. At this time, you should wait until the power system fault warning light goes out before continuing driving.

3. Check whether there is obvious coolant leakage, such as the hose of expansion water tank is broken. At this time, all parts are in a hot state, please be careful. If leakage is found, please contact Dongfeng Forthing Special Service Station as soon as possible.

4. If no obvious leakage is found, check the coolant level in the liquid storage tank. If the liquid level is lower than the MIN mark or there is no coolant, the coolant should be added in time.

5. Start the vehicle, set the air-conditioning temperature adjustment knob to the highest temperature and the air-conditioning volume adjustment knob to the maximum, add coolant into the expansion water tank, keep the coolant level between the upper limit and the lower limit scale line, and replace and tighten the tank cover of the liquid storage tank.

### Warning

When the drive motor is very hot, removing the expansion tank cover will cause the coolant to spray out, causing serious burns. Be sure to wait for the driving motor to cool down before taking off the expansion tank cover.



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## Vehicle information

### Vehicle identification information

There are several vehicle identification codes (VIN codes) on your vehicle, which are located in different locations.



1. Carve it on the body beam under the co-pilot seat, and you can see it by opening the carpet gap.



2. Paste it on the right side of the front windshield.

3. Paste it on the instrument panel body assembly.

4. Paste it on the inside of the storage box.

5. Paste it on the right B-pillar inner plate.

6. Paste it on the right front wall A pillar inner panel.

7. Paste it in the front engine compartment cover.

8. Paste it on the inner panel of the back door.

9. Paste on the motor power assembly.

10. Paste it on the inner panel of the right front door.

11. Use OBD II scanning tool to read vehicle VIN code information through OBD diagnostic port.

### Vehicle factory nameplate



Dongfeng Brand-China-Dongfeng Liuzhou  
Motor Co., Ltd.-Manufacturing  
VIN: LMXD14BJ4NZ439193  
Vehicle model: KZ6460XPF0EV  
Maximum allowable total mass: 2275kg  
Motor model: TZ200XS7  
Number of passengers: 5  
The rated voltage/capacity of power battery  
system: 352V/244Ah  
Peak power of motor: 150kW  
Year of manufacture: August 2022

The vehicle sign is located under the right center pillar and contains the following information:

1. Country of production

2. Manufacturer

3. Brand name

4. Vehicle identification code

5. Vehicle model

6. Model of driving motor

7. Rated voltage/rated capacity of power battery system

8. Peak power of driving motor

9. Maximum allowable total mass

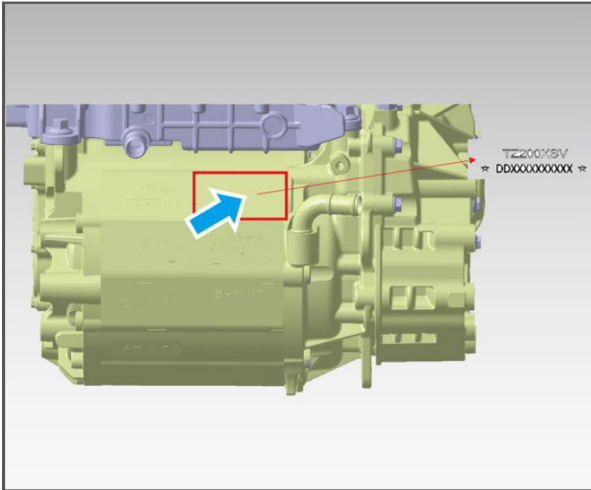
10. Number of passengers

11. Year and month of manufacture



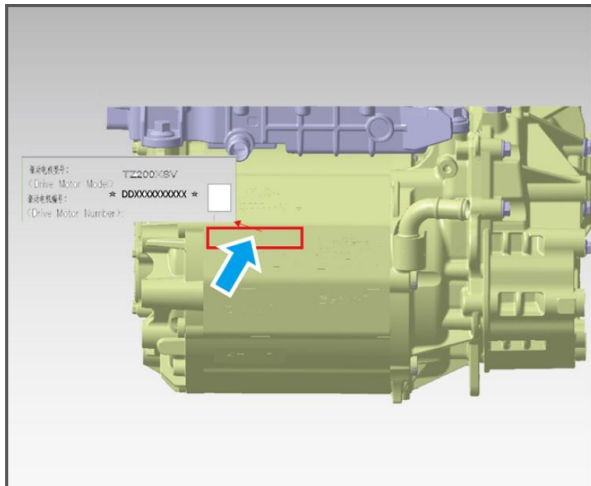
## Drive motor information

### Driving motor steel code



The motor steel code is located at the front right of the motor housing.

### Flexible label of driving motor



The flexible label of the motor is located at the front left of the motor housing. The information is consistent with the steel code of the driving motor, which is used to assist the vehicle to license.

## Safety sign

### 12V low-voltage battery warningsign



The warning sign of the battery is attached to the surface of the battery. Remind you that the battery should be kept away from heat sources and open flames, and keep ventilated during charging and use to prevent accidents.

### Warning sign of radiator



The warning sign of radiator and the sign of air conditioning refrigerant are attached on the inside of the engine room cover. When changing the coolant, the coolant specified by Dongfeng Forthing should be used, and different brands of coolant should not be mixed. Do not touch the radiator, the cooling fan may turn at any time.



### Microwave window



The microwave window of the vehicle is located in the horizontal center and vertical upper position of the front windshield. The logo stores the relevant information of the vehicle, and cannot be blocked by the mounting bracket of the interior rearview mirror, sensor bracket, etc.



#### Attention

- Please keep the front windshield clean and dry.
- Do not stick film or metal materials on the microwave window to ensure the standard installation of vehicle electronic signs and effective reading of data.



### Main size parameters of vehicles

Project	Unit	Honor/dignity/flagship type
Length of car	mm	4600
Width of car	mm	1860
Height of car	mm	1680
Front wheel track	mm	1590
Rear wheel track	mm	1595
Wheelbase (of a vehicle)	mm	2715

### Vehicle quality parameters

Project	Unit	Honor/dignity/flagship type
Number of passengers	People	5
Quality of kerb	kg	1900
Front axle curb weight	kg	1040
Rear axle curb weight	kg	860
Maximum mass	kg	2275
Maximum mass of front axle	kg	1105
Maximum mass of rear axle	kg	1060



## Parameters of driving motor

Project	Unit	Honor/Dignity/Flagship type
Drive motor model	-	TZ200XSV
Type	-	Permanent magnet synchronous motor
Rated power	kW	80
Peak power	kW	150
Rated speed	rpm	5457
Maximum rotational speed	rpm	16000
Rated torque	N.m	140
Maximum torque	N.m	340
Main reduction ratio	-	11.558
Protection level	-	IP67

## Main chassis assembly

Suspension system	Front suspension	McPherson independent suspension+stabilizer bar
	Rear suspension	Multi-link independent suspension
Steering system	Power-assisted form	Electric steering
Braking system	Structure type	Double-circuit hydraulic service brake system
	Front brake	Ventilated disc
	Rear brake	Solid disc
	Brake pedal stroke	1mm~12mm
	Front and rear brake clearance	<0.4mm



### Reasonable application range of brake

Front wheel brake disc	Setting value (mm)	25
	Service limit (mm)	23
Front wheel friction plate	Setting value (mm)	11
	Service limit (mm)	2
Rear wheel brake disc	Setting value (mm)	12
	Service limit (mm)	10
Rear wheel friction plate	Setting value (mm)	10
	Service limit (mm)	2
Parking shoe	Setting value (mm)	\
	Service limit (mm)	\

### Vehicle power performance

Project	Unit	Parameters
Maximum speed	Km/h	180
Maximum gradeability	-	20%

### Vehicle passability

Project	Unit	Honor/Dignity type
Approach angle (no load)	°	17°
Off-angle (no load)	°	26°
Minimum turning diameter	m	≤12
Min ground clearance	mm	180



## Oil list

Project	Specifications	Filling amount
Total lubricating oil of reducer	道达尔APIGL-475W-90	1.3±0.05L
Triple coolant	OAT-35	4L
Power batterycoolant	OAT-35	6L
Brake fluid	DOT4	0.7±0.1L
Windshield washer fluid	NFC-60	2.0L
Air conditioning refrigerant	HFC134a	550±20g

## Wheel alignment parameters

### Multi-link independent rear suspension

Project		Parameters
Toe angle of front wheel	Front wheel	0.08°±0.04°
	Rear wheel	0.06°±0.08°
Angle of inclination outside the wheel	Front wheel	(left and right difference is within 0.55°)
	Rear wheel	-0.01°±0.5°
Angle of inclination behind the main pin	Front wheel	(left and right difference is within 0.55°)
Inclination angle in the main pin	Front wheel	10.73°±0.5°

## Tyre size

Project	Parameters	
Tyre size	235/60R18	235/55R19
Rim specification	18×6.5J	19×7J
Tyre pressure	230kPa	230kPa

(\* Note: 235/60 R18 tires are equipped for specific mode)