



T5 EVO 使用手册

T5 EVO User Manual

英语
English
手动挡

Dear user:

Congratulations on owning a Forthing T5 EVO vehicle, and thank you for your trust in the Dongfeng Forthing brand. This manual introduces the information on safe driving, equipment operation and vehicle maintenance of the Forthing T5 EVO vehicle, which will help you use the vehicle correctly and enable you to truly experience the driving pleasure brought to you by the Forthing T 5EVO vehicle.

The catalog and vehicle illustrations in this manual can help you quickly understand your vehicle. The following ten chapters provide detailed instructions on how to use the various facilities on the vehicle. Before using the vehicle, please read the accompanying documents carefully. The information provided in these documents is very important for ensuring the safety of driving and property. Please strictly abide by them and keep them properly.

When reading this manual, you will find "Attention", "Warning" and other signs and their instructions. These instructions help to ensure the safety of people, vehicles and property, please strictly follow them.

The graphics and text in this manual are only used to convey the use information of the main functions and facilities of the vehicle, and cannot be used as the basis for product acceptance. If there are any discrepancies with the actual vehicle, please refer to the actual vehicle.

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

Technical update instructions: Internet of Vehicles and electronic technology products are updated very quickly. To ensure user experience, please upgrade in a timely manner.

If you need to inquire about the information of Forthing T5 EVO, please visit our website:

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

I wish you have a nice trip!

Dongfeng Liuzhou Motor Co., Ltd.

July 2024

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

Configuration instructions

* Asterisk

An asterisk "*" after a title or name indicates that the device or function described is only equipped in certain models and may not be equipped in the vehicle you purchased.

safety instructions

Safety signs--posted on the car.

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



Danger

Used to indicate a hazard that could result in serious injury or death.



Warn

Indicates a hazard that could result in personal injury or other damage.



Notice

Used to indicate a hazard that could result in minor personal injury or vehicle damage.

Data security notice

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

When transferring, scrapping a vehicle, or trading a used car, it is recommended that you clean up your personal sensitive data in a timely manner. You can also contact Dongfeng Forthing authorized service stations to obtain data cleaning channels and methods.

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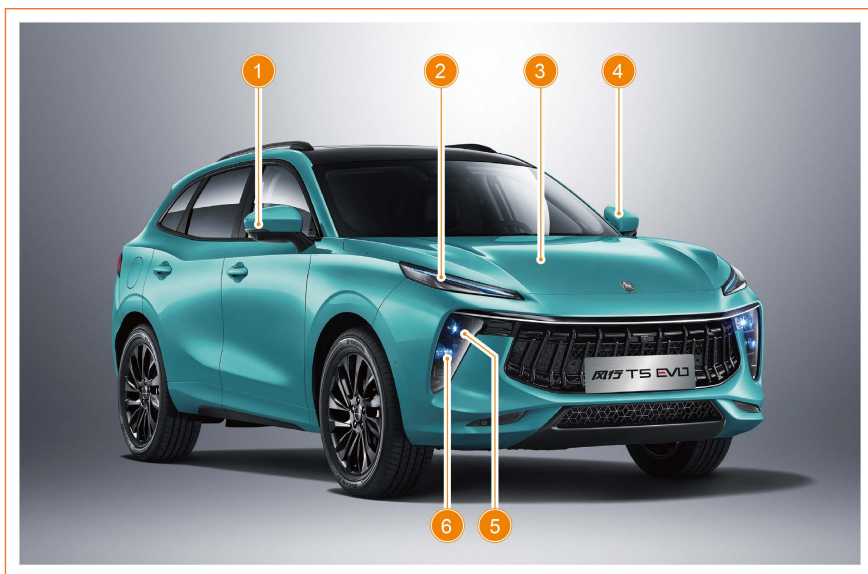
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Vehicle Diagram

Front of vehicle



1. Side turn signal

2. Front turn signal/ daytime running light/ position light

3. Engine hood

4. Exterior mirrors

5. Low beam

6. High beam

Rear of vehicle



1. Reversing lights

2. High-mounted brake light

3. Position lights

4. Rear turn signal

5. Brake lights

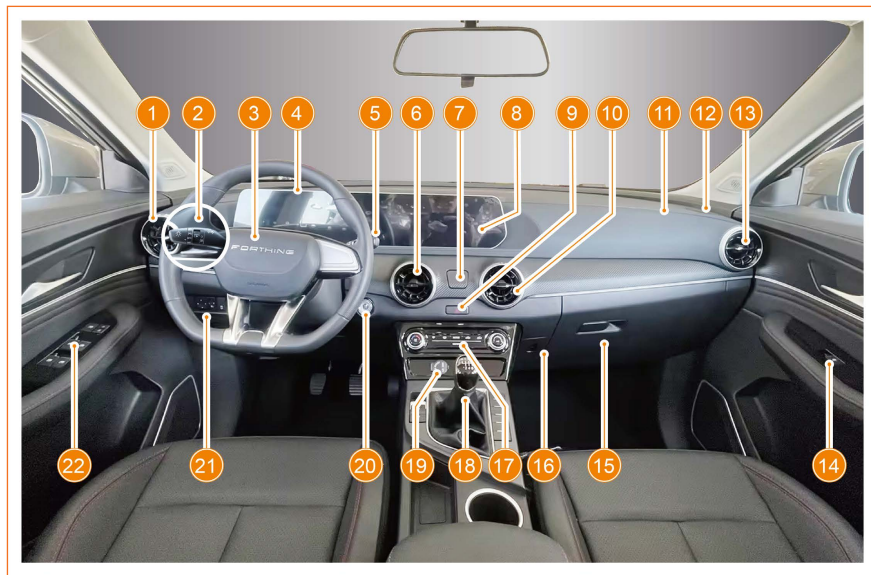
6. Retro-reflector

7. License plate light

8. Rear fog light

Cockpit

The pictures are for reference only, please refer to the actual vehicle.



- | | |
|----------------------------------|---|
| 1. Left side air outlet | 12. Side windshield defogger outlet |
| 2. Light combination switch | 13. Right air outlet |
| 3. Steering wheel | 14. Front passenger side electric window control switch |
| 4. Instrument cluster | 15. Storage Box |
| 5. Wiper combination switch | 16. Dashboard Hook |
| 6. Central left air outlet | 17. Air conditioning control panel |
| 7. Mobile phone holder interface | 18. Gear lever |
| 8. Multimedia display screen | 19. 12V vehicle power supply |
| 9. Hazard warning light switch | 20. Start switch |
| 10. Central right air outlet | 21. Dashboard switch group |
| 11. Passenger airbag | 22. Driver side electric window control switch |

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Safety and protection

Seat belts

Seat belt precautions

Before driving the vehicle, please be sure to read this chapter. This will help you become familiar with the correct use of your vehicle's seat belts. Correct operating methods and drive the vehicle safely.



Notice

- Every passenger should wear the seat belt correctly when riding in the vehicle. Only when the seat belt is properly worn, the airbag can play a protective role and protect the safety of the driver and passenger to the maximum extent in an accident.

- When the vehicle encounters emergency braking in an unexpected situation, the seat belt will bind the driver and passenger to the seat and prevent the body from rushing forward, thereby 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 for wearing the seat belt, it is only necessary to keep the seat belt in the normal recovery state.



Warning

- Be sure to wear the seat belt correctly, and do not cross the seat belt across the lower abdomen, otherwise in an accident, the seat belt will strongly press down on the lower abdomen, increasing the risk of injury.
- The shoulder seat belt should be adjusted to the position that best suits you. Do not place the shoulder seat belt under your arm. Seat belts should be tightened as much as possible, otherwise they will reduce effectiveness and increase the risk of injury.
- Pregnant women should also, like other passengers, stretch the seat belt as low as possible across the hip, stretch the shoulder seat belt completely diagonally along the shoulder, and avoid the seat belt touching the raised abdomen. If the seat belt is not properly fastened, it may cause injury to the pregnant woman and the fetus in the event of emergency braking or a collision.



Warning

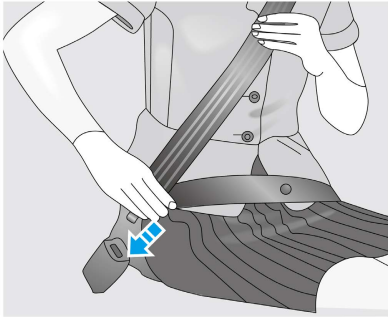
- When children are in the vehicle, be sure to use appropriate protective devices, and do not allow children to sit in the front seat.
- Only one seat belt per passenger is allowed. Do not hold a baby or child in your arms and then go around them to fasten the seat belt, this can cause serious injury to the passenger in an accident.

Use seat belts correctly



1. Stretch the shoulder seat belt and Angle it across the entire shoulder, but do not touch the neck or slip away from the shoulder.
2. The waist seat belt should be as low as possible across the hip.
3. Adjust the position of the seat backrest so that it is in a relatively comfortable position.
4. Do not twist the seat belt.

Fastening and loosening seat belts



1. Pull the seat belt out of the retract and insert the latch into the latch until you hear a "click" sound to indicate that the seat belt is locked.
2. To unfasten the seat belt, press the release button on the latch.

Sholder strap height adjuster



The vehicle's front seat belt is equipped with a height adjuster. Press on top of shoulder strap height adjuster Move the adjuster up and down to the desired position until you hear a "click" sound. Without pressing, try moving the adjuster down to make sure it is locked in place.

Seat belt pretensioners

Vehicles equipped with front seat belt pretensioners Yes, when the vehicle is hit by some serious frontal or side In the event of a collision, the seat belt pretensioners will automatically retract. Tighten to quickly protect the driver and passengers.



Notice

In the event of a minor frontal, side, rear, or rollover collision, the pre-tensioner may not be activated.

Seat belt force limiter

Vehicle front seat belt limited force function. When the vehicle is subjected to some serious frontal or side impact, the force limiting function will limit the force acting on the seat belt to a certain extent to mitigate the impact on the chest of the occupant.

Seat belt not fastened alarm

The vehicle is equipped with a front seat belt warning light. When it is detected that the seat belt of the front passenger is not fastened, the corresponding warning light on the combined instrument will be lit, and the buzzer will continue to alarm until the seat belt of the front passenger is fastened.

Seat belt retractor

Each seat belt has a seat belt retractor. In normal driving, the retractor keeps the seat belt in a certain tension, and the passenger can still move freely in the seat. In the event of an emergency, the retractor will automatically tighten the seat belt and fix the passenger's body in the seat to avoid injury. If you find that the winder lock function is abnormal, please contact Dongfeng Forthing special service station.



Warning

Users are not allowed to repair, adjust and disassemble seat belts and rewinders by themselves. If you need to repair or replace seat belts and rewinders, please contact Dongfeng Forthing special service station.

Airbag

The airbag system is designed as an auxiliary restraint device of the seat belt, and when the degree of frontal collision of the vehicle reaches the deployment requirement of the airbag, the airbag inflates and expands to reduce the impact injury of the passenger's head and chest.

Airbag use precautions



1. There is an airbag warning sign on the passenger visor. Do not place the rear-facing child safety seat in the seat protected by the airbag (activated), otherwise in the event of a crash, the inflated front airbag will hit the child with great momentum and cause serious injury.
2. Do not place any items on the instrument panel or stick to the steering wheel decoration cover, because these items may be ejected when the airbag is deployed, resulting in casualties.
3. Do not hang hangers or other hard objects on the hooks.
4. The temperature of the airbag is very high after deployment. Do not touch any related parts immediately.
5. When the airbag is deployed, it will be accompanied by a larger sound, which may temporarily affect hearing.
6. If you feel difficult to breathe after the airbag deployment, please open the door or window for ventilation or leave the vehicle under the condition of ensuring safety, and wash the residue on the body as soon as possible to avoid irritating the skin.
7. If the airbag is damaged or ruptured, please contact Dongfeng Forthing special service station for replacement.

Airbag location and deployment



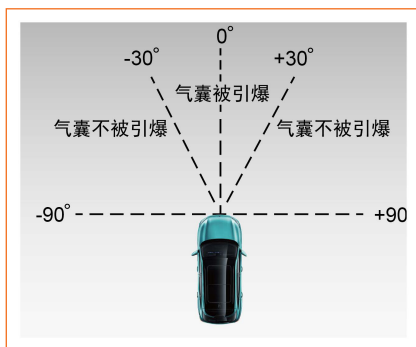
1. Driver's airbag

2. Passenger airbag

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

Airbag deployment conditions

The front airbags deploy in the event of a head-on collision with a solid wall at 24km/h or above.

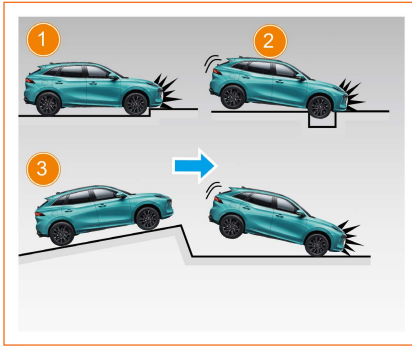


In the front of the vehicle $\pm 30^\circ$ Angle range, in the event of serious impact.

Front airbags may deploy (inflate)

Situations (except collision)

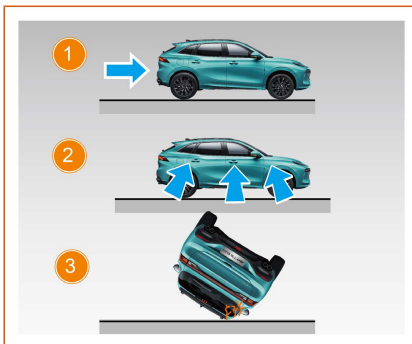
If the underside of the vehicle suffers a severe impact, the front airbags may also deploy. Some examples are shown in the figure.



1. Hitting a curb, sidewalk edge or hard surface
2. Falling into or crossing a pit
3. The wheels hit the ground hard or the vehicle falls

Several types of situations where the front airbag may not deploy collision

If the vehicle suffers a side impact, rear impact, rollover, or low-speed frontal impact, front airbags generally do not deploy. However, regardless of the type of crash, as long as the vehicle produces enough forward deceleration, the front airbag may deploy.



1. Rear collision

2. Side impact

3. Rollover

The airbag system may not deploy if there is a malfunction or other special circumstances.

Airbag indicator light

Before the vehicle is driven, the start switch is placed in the "ON" gear, the airbag system will self-test, and the airbag system failure warning light will be lit and extinguished after a few seconds.

If the following situations occur, please contact Dongfeng Forthing special service station:

1. When the start switch is in the "ON" gear, the airbag system failure warning light is not on.
2. After starting the vehicle, the warning light of the failure of the airbag system is still on.
3. The airbag system failure warning light is on or blinking when driving.

Event Data Recorder (EDR)

The vehicle is equipped with an Event Data recording system (EDR), the recorded data can be used for collision analysis, the specific recording parameters are shown in the table below:

No.	parameter name	meaning	unit
1	Longitudinal acceleration	Longitudinal acceleration of vehicle	g
2	Vehicle speed	Wheel side speed	km/h
3	Service brake, On or Off	To detect driving whether the driver stepped on the control pedal	/
4	Vehicle Identification Number	Vehicle VIN Code	/

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

The speed recorded by the EDR system is derived from the wheel line speed of the car's anti-lock braking system (ABS).

Safety and protection

The data recorded by the EDR system is divided into non-locked event data and locked 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 deployment conditions of the safe air sac system are met.

The unlocked event data overwrites the previous unlocked event data in chronological order. Locked event data cannot be overwritten by subsequent event data. A total of three events can be recorded.

Child protection measures

Child safety instructions

When children are riding in a vehicle, be sure to read this chapter.

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 if necessary, auxiliary safety cushions should be added.

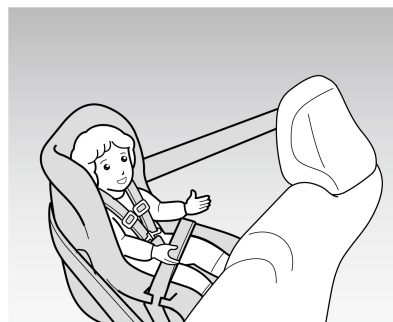
Children are recommended to sit in the rear seat. When driving, use the rear door child safety lock and window lock switch to prevent children from opening the door or accidentally operating the power window



Warning

- Do not allow children to carry or use smart keys.
- Children may start vehicles. Children can also injure themselves when they misoperate Windows, canopy shades or other vehicle equipment.
- Do not leave children alone in the car, which may lead to death and injury of children in the closed car due to excessive temperature.

Infant protection measures



The neck of infants under one year old is very fragile, and if they ride facing the front, it is easy to cause neck injury 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 set by the child protection device manufacturer, children over one year old should use forward-facing child protection devices when riding.

Protective measures for older children



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

Child restraint device (user-supplied)

Child protection devices need to be brought by users. Please use child protection devices that comply with local regulations and standards

Child seat suitability

In addition to the three-point seat belt to provide protection for children, the rear seat also provides two standard "ISOFIX" interface child restraint system, you can choose the appropriate child restraint system according to your needs.

The child restraint system (CRS) applicable to this vehicle and its installation location are listed below.

Quality Group	Seating position			
	Front passenger	Back left	Back right	Back row
0 group (less than 10KG)	X	U	U	X
Group 0+ (less than 13KG)	X	U	U	X
Group I (9KG to 18KG)	X	U	U	X
Group II (15KG to 25KG)	X	U	U	X
Group III (22KG to 36KG)	X	U	U	X

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

U: Applicable to universal child restraint systems certified to this quality group.

X: This seating position is not suitable for child restraint systems in this mass group.

If the "ISOFIX" standard child restraint system is used, the compatibility information between the system and the vehicle is shown in the following table.

Quality Group	Size classification	Fixed module	ISOFIX position on the vehicle			
			Front passenger	Back left	Back right	Back row
Portable crib	F	ISO/L1	X	X	X	X
	G	ISO/L2	X	X	X	X
0 Groups	E	ISO/R1	X	IL	IL	X
Group 0+, less than 13KG	E	ISO/R1	X	IL	IL	X
	D	ISO/R2	X	IL	IL	X
	C	ISO/R3	X	IL	IL	X

Quality Group	Size classification	Fixed module	ISOFIX position on the vehicle			
			Front passenger	Back left	Back right	Back row
Group I	D	ISO/R2	X	IL	IL	X
	C	ISO/R3	X	IL	IL	X
	B	ISO/F2	X	IUF	IUF	X
	B1	ISO/F2X	X	IUF	IUF	X
	A	ISO/F3	X	IUF	IUF	X

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

IUF: For forward generic ISOFIX child restraint systems certified by this quality group.

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

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

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

B - ISO/F2: Reduced height forward restraint system for toddlers.

B1 - ISO/F2X: Reduced height forward restraint systems for toddlers.

C-iso /R3: Full height backward restraint system for toddlers.

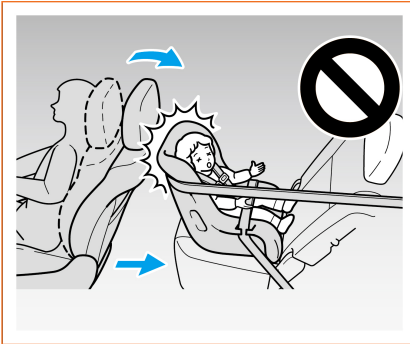
D-iso /R2: Reduced height backward restraint system for toddlers.

E-iso /R1: Rear-facing infant restraint system.

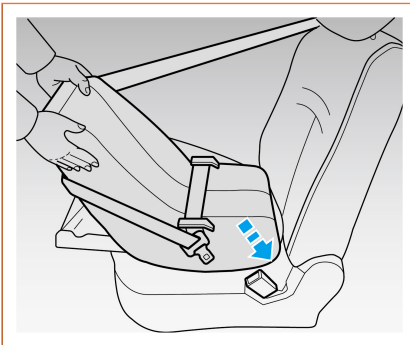
F - ISO/L1: Child restraint system (portable crib) facing left side position.

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

Installation of rear-facing child restraints

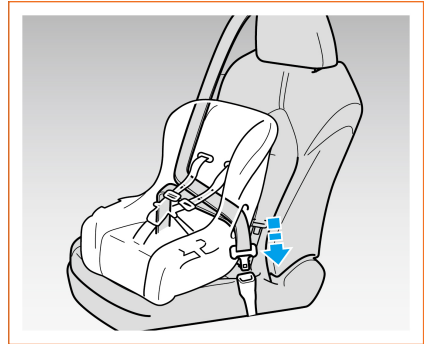


If the main seat prevents proper installation of the rear-facing child protection device, the rear-facing child protection device should be installed on the rear right seat.



According to the manufacturer's instructions, push the seat belt through or around the rear-facing child protection device and insert the latch into the latch to ensure that the seat belt is not twisted and remains tight. Make sure that the latch and latch are securely locked. Shake the latch from side to side to ensure that the child protection device is securely secured.

Installation of forward-facing child restraints



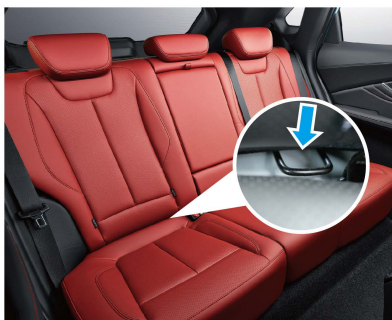
According to the manufacturer's instructions, insert the seat belt through the forward-facing child protection device and insert the latch into the latch, ensuring that the seat belt is not twisted and remains tight. Make sure that the latch and latch are firmly locked. Press the child protection device towards the seat cushion and seat back so that the seat belt fully retracts and the child protection device is firmly fixed. Shake the child protection device from side to side to ensure that the child protection device is firmly fixed.

Installation of auxiliary cushion



Place the seat cushion on the seat and allow the child to sit on the seat cushion. According to the manufacturer's instructions, properly cross the seat belt over the child's shoulder, lower the waist belt as low as possible to the child's hip position, and insert the latch into the latch to ensure that the seat belt is not twisted and remains tight.

ISOFIX interface



The rear seat of the vehicle is provided with an ISOFIX interface child restraint system, and the ISO standard child safety device can be fixed by the ISOFIX interface. Please follow the operation instructions and safety tips of the child protection device manufacturer when installing and using, otherwise the protection effect may be affected.



Warning

- As far as possible, let older children sit in the rear seat, and wear a seat belt, if necessary, should also add auxiliary cushions.
- Children under 1.5 meters tall are not allowed to use conventional seat belts without a child protection system, which could result in abdominal and neck injuries during emergency braking or in an accident.
- Do not twist the belt, get it stuck or rub against sharp edges.



Warning

- Do not share a seat belt with a baby, otherwise, it is very easy to cause infant death in an accident.
- The inflatable front air bag will produce a huge momentum, if it hits a child, it can cause serious injury or death. Therefore, please correctly select, install and use child protection devices, and ride the vehicle safely in accordance with relevant requirements. In all cases, comply with the laws of the country you are driving through.
- Please follow the instructions provided by the manufacturer to install the appropriate child safety device on the rear seat. Improperly installed child seats pose a risk of injury.
- All drivers and passengers, especially children, must remain seated and fasten their seat belts at all times.
- Do not allow two children to share a child seat.
- Ensure that there are no hard or sharp objects, such as toys, on the child seat.

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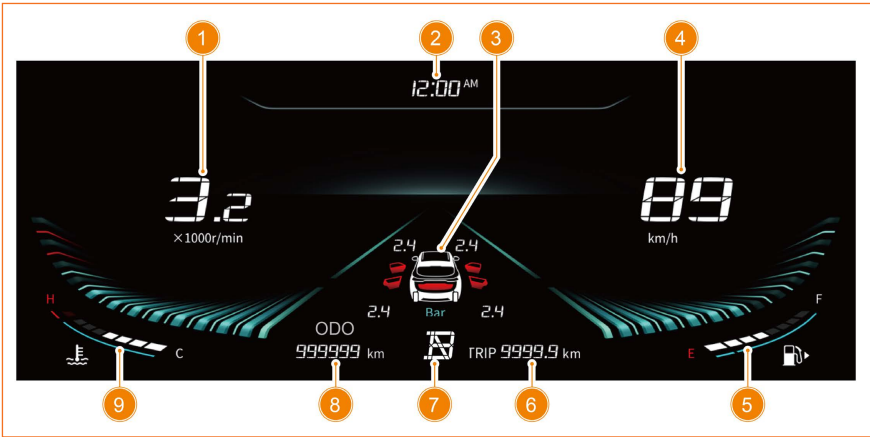
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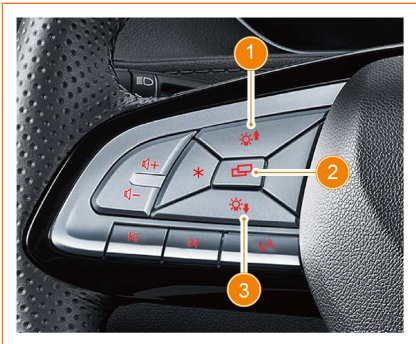
Instrument cluster overview



- | | | |
|------------------------------|------------------------|----------------------------|
| 1. Tachometer | 4. Speedometer | 7. Gear |
| 2. Time | 5. Fuel gauge | 8. Total mileage |
| 3. Tire pressure/door status | 6. General Information | 9. Water temperature gauge |

Display settings

Steering wheel button description



You can press the brightness increase/brightness decrease key on the steering wheel to adjust the brightness of the combined instrument backlight, and press the menu switch key to switch and display the contents of the "Comprehensive Information" area.

1. Brightness increase key: increase the brightness of the combined instrument backlight.
2. Menu switch key: Select the content displayed in the "Comprehensive Information" area.
3. Brightness reduction key: Reduce the brightness of the combined instrument backlight.

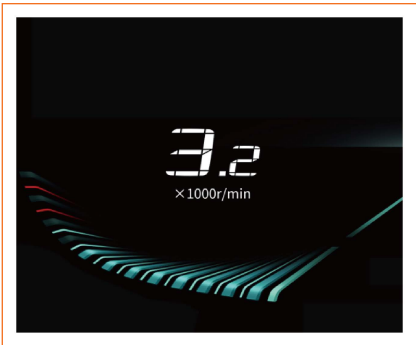


注意

- Long press: The key is held for at least 2 seconds.
Short press: The key time is less than 2 seconds.

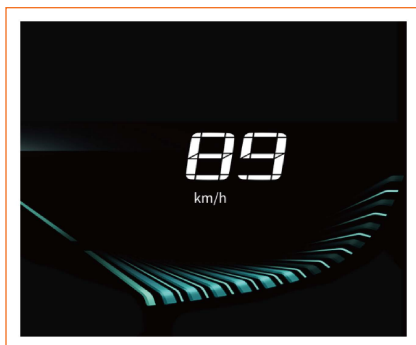
Instruction table

Tachometer



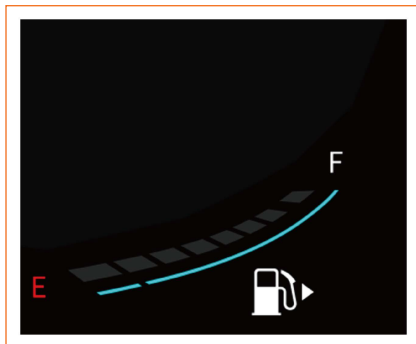
The tachometer shows the number of revolutions per minute (x 1000r/min) of the engine. There is a dynamic speed display bar below the digital display. To prevent damage to the engine, do not drive at the speed in the red zone.

Speedometer



The speedometer shows the current speed of the vehicle (km/h). Due to the influence of tire pressure, road conditions, climate and other factors, the displayed speed and the actual speed may be wrong.

Fuel gauge



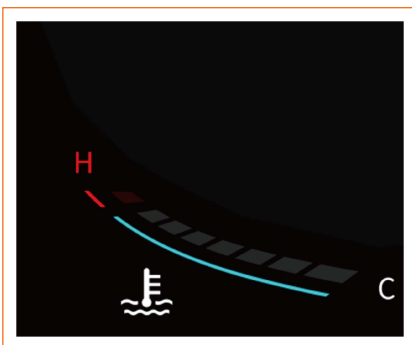
The fuel gauge displays the amount of fuel stored in the tank as an energy block. The displayed value will be slightly different from the actual fuel level when driving on a turn or uneven road. If the fuel stock is small, the low fuel level warning light is lit, indicating that the fuel stock in the tank is insufficient and should be refueled as soon as possible.



Notice

Avoid driving with low fuel level for a long time. Running out of fuel can cause the engine to stall and damage the fuel pump.

Water temperature gauge



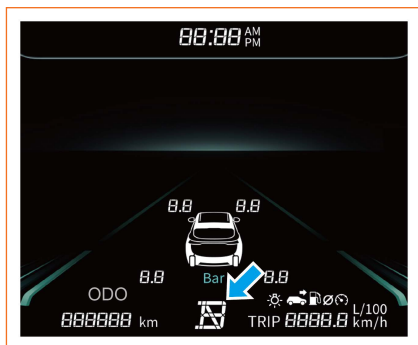
The water temperature gauge shows the current temperature state of the engine coolant. When the temperature indicated by the water temperature gauge is close to H, the warning light of high coolant temperature will be lit, indicating that the engine is overheating at this time. Please park the vehicle in a safe area and turn off the engine as soon as possible, and contact Dongfeng Forthing Service Station as soon as possible.

Time



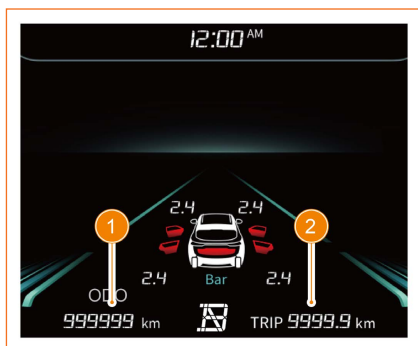
Displays the current time. The time is displayed with the multimedia.

Gear



Displays the current gear.

Odometer



1. Total mileage

The total mileage display range is: 0 ~ 999999km. After reaching this mileage, the total mileage is stopped and 999999km is displayed.

2. Subtotal mileage

The mileage of the subcount ranges from 0 to 9999.9km. If the mileage exceeds 0, it will be automatically cleared and displayed from 0. You can also press and hold the menu switch key to clear the mileage.

General Information

The interface displays the average vehicle speed, average fuel consumption, range, submeter mileage and tire pressure information. You can switch the display content by pressing the menu switch key on the steering wheel.

Average speed



This screen displays the average vehicle speed since the last zero clearance. Display range: 0 to 200km/h.

When the average speed is displayed, long press the menu toggle button to clear the average speed.

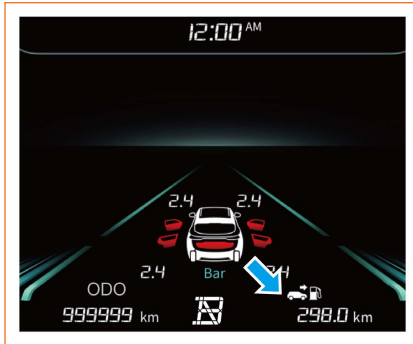
Average fuel consumption



This screen shows the average fuel consumption of the vehicle since the last zero clearance. Display range: 0 ~ 19.9L/100km.

According to the prompt, long press the menu toggle key to reset the average fuel consumption separately.

Recharge mileage




Based on the recent combined fuel consumption and the amount of fuel remaining in the tank, the maximum distance that the current vehicle can continue to travel is estimated and displayed.

Mileage display range: 50 ~ 999km. When the mileage is less than 50km, "--" is displayed.



Notice

- After refueling, the range will be recalculated.
- The range value displayed will change according to the recent combined fuel consumption.
- If the low fuel level warning light  is on, even if it shows that it can travel a long distance, it needs to be refueled in time.
- When driving on a hill or curve, the fuel in the fuel tank will shake, which may change the display content in a short time.

Subtotal mileage

See odometer description for details.

Tire pressure information



This interface displays the corresponding pressure value of the tire. When the tire pressure is abnormal, the display interface will be reminded accordingly.











Notice

- Please try to keep the inflation pressure of the tire near the standard pressure value. When the tire pressure shows "--" and the specified tire is lit up, it indicates that the tire pressure monitoring system has lost the signal of the sensor in this position. Please contact the Dongfeng Forthing special service station in time.
- As long as the tire pressure sensor is not replaced, and the original tire pressure sensor is not damaged by installing or removing the tire, it is not necessary to re-match the tire pressure sensor. If you need to re-match the tire pressure system after replacing the tire pressure sensor or switching the tire position, please contact the Dongfeng Forthing special service station.

In the case of static, the tire pressure sensor will not send data to the outside, only when the vehicle is running, so the tire pressure information displayed in the case of static is the information of the last running of the vehicle. Therefore, after the tire is deflated or inflated, if you want to update the tire pressure data, you need to drive the vehicle to a speed above 30km/h and continue for 1 minute, the tire pressure information interface will update the data.



System Indicator Lights

System indicator	name	introduction
	Low fuel level warning light (yellow)	When the fuel is about to run out, the light is lit, indicating that the fuel is too little and should be filled in time.
	Coolant temperature high warning light (red)	When driving normally, such a light is on, it means that the engine coolant temperature is too high. Please reduce the speed and safely pull to the side of the road, open the engine hatch and stop for a period of time to rest, until the coolant temperature drops before driving, the speed during the driving should not exceed 40km/h, and contact Dongfeng Fenchang service station.
	Transmission system fault warning light (yellow)	When the transmission is faulty, this light is on, please restart the vehicle, so that the light is still on, please contact Dongfeng Forthing special service station.
	Tire pressure system fault warning light (yellow)	When the tire pressure and tire temperature are abnormal or the tire pressure monitoring function fails, this light is lit. If there is underpressure/overpressure due to tire pressure, please adjust the tire pressure to the standard pressure range in time: standard pressure \pm (standard pressure *25%), if the light is still on after adjustment, please contact Dongfeng Forthing special service station in time; If the tire pressure system does not match or the sensor is missing, please contact Dongfeng Forthing special service station in time.
	PEPS warning light (red)	When the PEPS system is in alarm state, this light light up.
	Parking status indicator light (red)	When the parking brake is in the braking position, this light is lit, which is normal and no fault.If the light is not lit after parking or is still lit after parking is lifted, please contact Dongfeng Forthing Special Service Station.
	Parking fault warning light (yellow)	This light lights up when the parking system is faulty.At this time, the parking system still has the parking ability, but it cannot park the car automatically. Please pull the EPB switch upward to park the car, and contact the Dongfeng Forthing special service station as soon as possible.
	Automatic parking working indicator light (green)	When this light is on, it indicates that the automatic parking system is working and is in normal condition.

System indicator	name	introduction
	Turn and hazard indicators (green)	<p>When the turn signal is operated, the corresponding turn indicator is turned on or off. When the hazard warning switch is pressed, the left and right turn indicators and the left and right turn signals of the vehicle flash simultaneously.</p> <p>If there is no flashing or fast flashing at this time, it usually means that the turn signal bulb is abnormal, should immediately confirm whether the turn signal bulb is damaged, and contact the Dongfeng Fengfeng special service station.</p>
	Position light indicator (green)	When the position light is turned on, this light is on and belongs to the normal state.
	Low beam indicator light (green)	When using low beam, this light is on and belongs to the normal state.
	High beam indicator (blue)	When using the high beam, this light is on and belongs to the normal state.
	Rear fog light indicator (yellow)	When the rear fog lamp is turned on, this light is on and belongs to the normal state.
	Battery charging fault warning light (red)	When the start switch is in the "ON" gear, the light is on, and after the vehicle is started, the light is off, which is normal. If it is not out, it means that the battery charging fault, should turn off all electrical appliances, let the vehicle maintain idle state, and contact Dongfeng Forthing special service station.
EPS	Steering system fault warning light (yellow)	This light lights up when the electric power steering system fails. If the light is always on when the vehicle is running, please reduce the speed in time and stop safely to the side of the road. Restart after 5 minutes, if the light is no longer on, you can run normally. If the light is still on, please contact Dongfeng Fengfeng special service station as soon as possible.
	ABS system fault warning light (yellow)	If this light is on during driving, it indicates that the anti-lock braking system (ABS) has failed. At this time, although the vehicle has normal braking ability, it has no anti-lock function. Please drive carefully and contact Dongfeng Forthing special service station as soon as possible.

Combination instrument

System indicator	name	introduction
	Low brake fluid level/brake system malfunction Warning light (red)	This light is lit when the brake fluid level drops to a low level. If this light is on while driving, it may be a failure of the brake system, please cautiously leave the road and stop safely, and contact the special service station of the Eastern Wind in time.
	ESC Electronic Stability System Off Indicator (yellow)	Press this switch, ESC system shut down, this light on. Press this switch again, the ESC system is turned on again, and this light is turned off.
	ESC Electronic Stability System Working Indicator Light (yellow)	If the indicator blinks, the ESC system is working properly. If it continues to light up during driving, it indicates that the ESC system is faulty, please contact Dongfeng Forthing special service station in time.
	Engine Emission Malfunction (MIL) Warning Light (yellow)	When the start switch is in the "ON" gear, the light is on, and after the vehicle is started, the light is off, which is normal. If it does not turn off, it indicates that the engine control system is faulty. Please restart the vehicle and check the warning light. If the light is still on, please contact the Dongfeng Fenxing special service station.
SVS	Engine failure (SVS) warning light (yellow color)	If the light continues to light when the engine is running, it indicates that the engine EFI system has a fault, please restart the vehicle and check the warning light, if the warning light is still lit, please contact Dongfeng Forthing special service station.
	GPF status indicator (yellow)	If the lamp is turned off after it is lit, it is in normal state and there is no fault. If the light continues to light up, it indicates that the GPF has a high carbon load at this time, and it is recommended to drive at high speed and actively regenerate GPF. If this light is on at the same time as the Engine Emission Failure (MIL) warning light, it means that the carbon load of GPF has reached a very high level, and active regeneration is difficult to eliminate at high speed. Please contact Dongfeng Fengfeng special Service Station in time.
	Airbag system malfunction warning light (red color)	If this light continues to light up while driving, it indicates that the airbag is faulty, please contact the Dongfeng Forthing special service station.
	Seat belt not fastened warning light (red)	When the start switch is in the "ON" gear, if the driver or front passenger does not fasten the seat belt, the light will light up, which is normal. Only when the driver and front passenger are all strapped in the seat belt, this light is turned off and the alarm is lifted.

System indicator	name	introduction
	Anti-theft indicator light (red)	When the start switch is set to "ON", if the indicator blinks, it indicates that the smart key is illegal or the anti-theft authentication has not passed. Please check whether the smart key is correct. When the start switch is placed in the "ACC" or "OFF" gear, the light is intermittently lit every few seconds, indicating that the vehicle enters the anti-theft state, which is a normal phenomenon without fault.
	Low oil pressure warning light (red)	When the start switch is in the "ON" gear, the light is on, and after the vehicle is started, the light is off, which is normal.If the light continues to light or flash after the vehicle starts, it means that the engine oil is too small, and the engine may be damaged if you continue to drive. Please contact Dongfeng Forthing special service Station.

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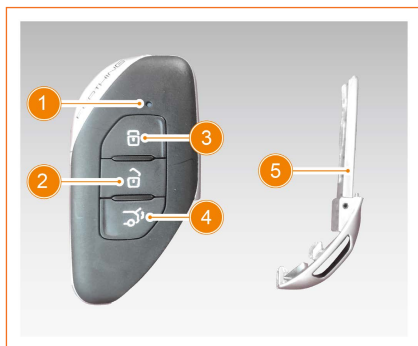
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Key Introduction

smart key



1. Smart key indicator light
2. Unlock key
3. Lock button
4. Back door unlock button
5. Mechanical key

Remove the mechanical key




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

Battery Replacement

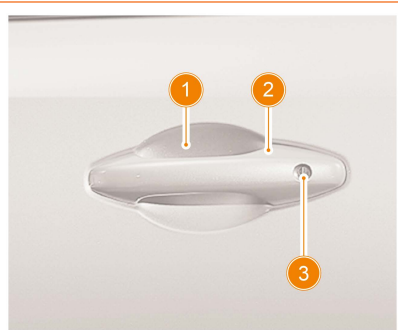
When your smart key remote control distance becomes close or cannot control the vehicle and the vehicle does not recognize the smart key due to low battery power, the battery in the smart key needs to be replaced.

Anti-theft start locking system

The anti-theft starting lock system is used to prevent vehicle theft. If the start switch is pressed with an incorrectly coded key, the vehicle will not start. When the start switch is placed in the "ON" gear, the anti-theft indicator will  light up for a moment and then go out. If the anti-theft indicator starts flashing, it means that the anti-theft start lock system has not recognized the key code, please contact Dongfeng Forthing special service station.

Locking and unlocking doors

Smart unlocking/locking



1. Unlock area
2. Locked area
3. Keyhole

Unlock

Hold the inside of the handle with the smart key (i.e. unlock area) to unlock all doors.

Lock

With the smart key, close all doors, press the bar on the lock position of the handle with your finger (i.e. the lock area), and lock all doors.



Notice

In the case of car washing and rain (the smart key is near the vehicle), rain may frequently trigger the sensor module on the handle, causing the door to lock/unlock, which is a normal phenomenon.

Remote locking and unlocking



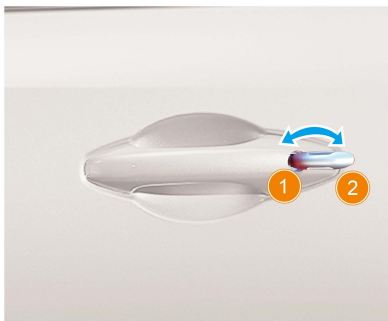
Unlock

Short press the smart key unlock button, the four doors and fuel filler cover unlock, the turn signal flashes twice, the indoor light and the position light on; Press and hold the unlock button, and the four-door glass will open.

Lock

Short press the smart key lock button, the four doors and fuel port cover are locked, the turn signal is lit once, and the horn sounds once. Indoor lights are gradually turned off, and the sound and entertainment system is turned off; Long press the lock button to close the four-door glass.

Mechanical key unlocking/locking



1. Lock
2. Unlock

After the door is closed, insert the mechanical key and turn the key clockwise to unlock the four doors; Turn the key counterclockwise to lock the driver's door.

Locking and unlocking the vehicle



Inward opening handle double pull door

When the vehicle is locked, open the door from inside the car, pull the internal opening handle first, then release the handle to reset it, and then pull the internal opening handle again to open the door.

Inward opening handle single pull door

The whole vehicle is unlocked. To open the door from inside the car, pull the internal opening handle once to open the door.



Notice

The door cannot be opened from inside the car with the child's rear door locked.


Central locking and unlocking



1. Unlock key
2. Lock button

Press the lock button , all doors and fuel filler

Basic function operation

caps must be locked. Lock the car only when all doors, rear doors and fuel filler covers are closed. With all doors and fuel filler covers locked,  press the unlock button to unlock.

Rear door child safety locks



1. Unlock
2. Lock

When the rear door child safety lock is enabled, the rear door cannot be opened from inside the car, which helps prevent children from accidentally opening the rear door.

Automatic door locking

The four doors are closed and unlocked. When the speed increases to more than 10km/h, the four doors are automatically locked.

Collision forced unlock

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.

Opening and closing the rear door



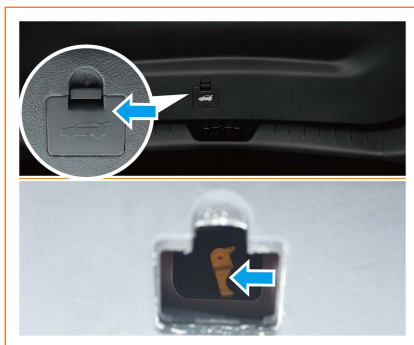
Opening the tailgate from outside the vehicle

Bring the smart key to the back door, and then press the micro-switch to manually open the back door.

The smart key unlocks, opens and closes the rear door

When the back door is closed, long press the back door unlock button on the smart key to unlock the back door.

Emergency opening of the tailgate in the car



If the lock fails and the back door cannot be opened, first remove the emergency opening cover on the inner protection plate of the back door, push the emergency opening handle of the back door lock body to the left, and hold the back door backward with the other hand, you can open the back door from the car.



Warning

When opening or closing the back door, make sure there are no people.

Seats

Front seats

Manually adjustable driver's seat (six-way)



1. Seat front and rear adjustment lever
2. Seat height adjustment handle
3. Backrest angle adjustment handle

Seat front and rear adjustment

Seat design status The seat is positioned 20 mm forward from the last position and can be adjusted 220 mm forward and 20 mm backward.

Pull the seat adjusting rod up to make the seat slide back and forth. After sliding the seat to the desired position, release the adjusting rod and shake the seat back and forth to ensure that the seat is fixed and does not move.

Seat height adjustment

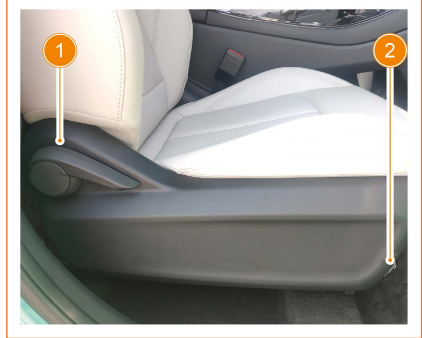
When you lift the seat height adjustment lever up or down, the seat height will increase or decrease. After adjusting the seat to the desired height, release the seat height adjustment lever.

Seat back angle adjustment

The backrest design Angle is 25°, which can be adjusted forward by 22.5° and backward by 52.5°. Please adjust the backrest to the appropriate position according to the correct sitting posture, so that the back and the backrest are fully fitted.

When the seat back Angle is adjusted forward or backward, the driver first sits in the seat, lifts the seat back adjustment handle, tilts the back forward or backward gently press the seat back, and turns the seat back to the required position. After the seat back is turned over, the seat back adjustment handle is lowered, and the seat back is rocked back and forth to ensure that the seat back is locked in place.

Manually adjustable front passenger seat (four-way)



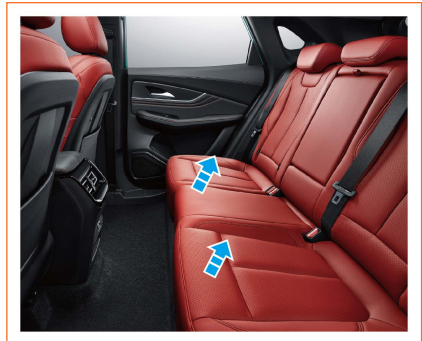
1. Backrest angle adjustment handle
2. Seat front and rear adjustment lever

The front passenger manual seat is adjusted in the same way as the driver manual seat.

Rear seats

Folding rear seatbacks

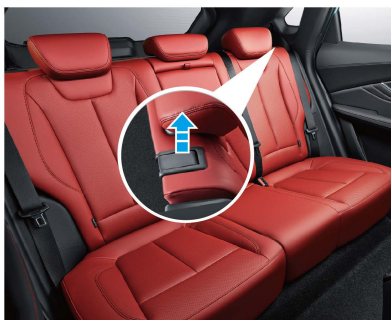
The rear seats are composed of a left rear seat and a right rear seat, which have a 4/6 folding function to increase the luggage space and facilitate the storage of large items.



After forcefully lifting the front end of the seat cushion upward,

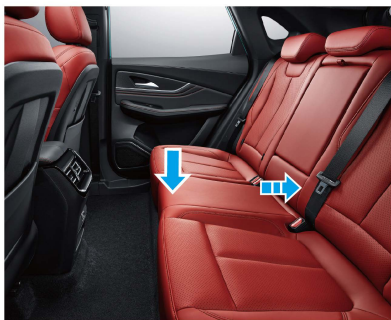
Basic function operation

pull it forward to the position where the front end of the seat cushion is in contact with the back of the front seat, then flip the seat cushion so that the front end of the seat cushion is facing down, in contact with the floor and at an approximate vertical Angle to the floor.



Pull up the lock latch on the top of the backrest to unlock the seat back lock, then gently fold the seat back forward.

Rear seat backrest folds back



1. Flip the seat back backwards and push it back hard to lock it.
2. Lift the front end of the seat cushion so that the back end of the seat cushion is close to the seat basin, as shown in the figure above. Gently press down on the front end of the cushion so that the cushion naturally moves backward and downward until the back end of the cushion is inserted under the backrest. Press down on the front end of the cushion to lock the cushion lock into the lock slot.



Notice

- Before driving, please adjust the seat position.



Notice

- When there are children on board, be sure to adjust the seat by an adult. Accidents may occur if the child adjusts the seat by himself. In the event of emergency braking or a crash, an unsecured cushion or similar object on the seat may cause a person's body to slide forward, resulting in accidental injury.
- When driving, do not put a cushion or similar thing between your back and the backrest, otherwise, in an emergency, the headrest will lose its protective effect.

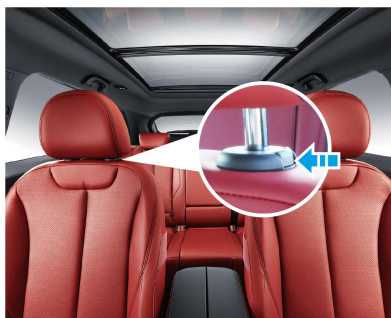
Headrest adjustment

Headrest position



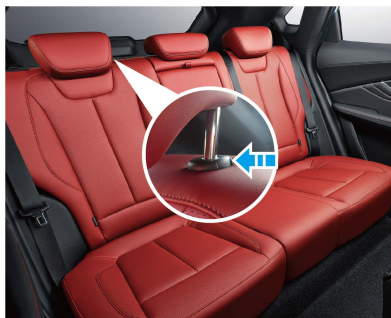
Adjust the height of the headrest so that the top is no lower than the driver's head, which reduces the risk of neck injury during a crash brake.

Front seats



To raise or lower the headrest, press and hold the adjustment switch located on the side of the seat headrest, lift or press the headrest up or down to the desired height, then release the switch. Gently press or lift the headrest again until you hear a click to ensure the headrest is locked in place.

Rear seats



The adjustment of the rear seat headrest is the same as that of the front seat headrest.



Notice

- The lowest position of the headrest is not its use position, and the headrest must be adjusted to the locked position during use.
- After adjusting the headrest, press the headrest to make sure it locks firmly.



Warning

- Do not remove the headrest, otherwise it will seriously injure passengers in an accident.
- The headrest must always be in the locked position. If the headrest is removed or the headrest is adjusted/installed improperly, the driver and passenger are easily injured in the event of an emergency or emergency braking during driving.
- Do not adjust the headrest while driving..

Steering wheel

Steering wheel adjustment



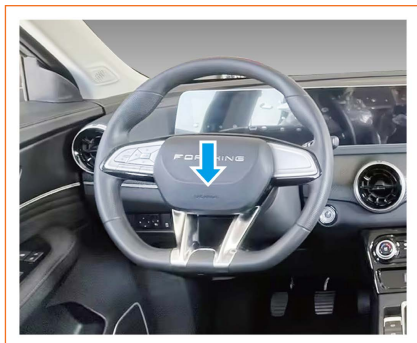
By adjusting the adjustment handle on the steering column, you can adjust the steering wheel to the proper position. After the adjustment, ensure that the adjustment handle is fully locked.



Warning

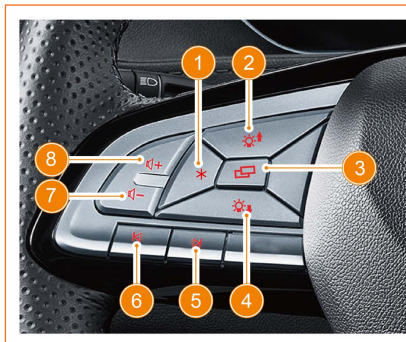
Do not adjust the steering wheel while the vehicle is running, so as to avoid loss of control of the vehicle and personal injury.

Horn



The horn switch is located in the middle of the steering wheel, pressing the horn switch can be used to remind car laypeople and vehicles, reduce the occurrence of accidents, and reasonable use of the horn will help ensure driving safety.

Steering wheel left button



- | | |
|-----------------------------|---------------------|
| 1. Custom keys | 5. Forward key |
| 2. Brightness increase key | 6. Back button |
| 3. Menu switch key | 7. Volume down key |
| 4. Brightness reduction key | 8. Volume Up Button |

Interior rearview mirror

Keep the rearview mirror clean and adjust it to the best visual Angle. Before driving, adjust the rearview mirror.

Anti-glare adjustment for interior rearview mirror

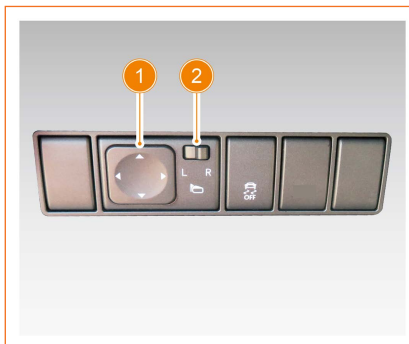


Gently flip the convex tongue on the bottom edge of the rearview mirror to change the reflection state of the lens to prevent glare.

Exterior mirrors

Keep the rearview mirror clean and adjust the rearview mirror to the best visual Angle before driving.

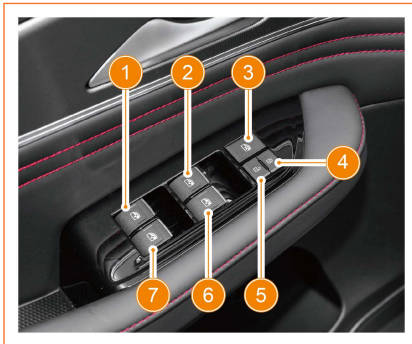
External rearview mirror electric adjustment



1. Mirror adjustment switch
2. Switch left and right

The mirror adjustment switch can adjust the rearview mirror to the best visual Angle, and the left and right switch can select the corresponding side of the rearview mirror to adjust the mirror Angle.

Power windows



1. Left rear window switch
2. Left front window switch
3. Window lock switch
4. Central locking switch
5. Central control unlock switch
6. Right front window switch
7. Right rear window switch

Manually open/close windows

Pull the window switch up or down and hold it, you can manually control the window up or down.

Automatically open/close windows

Pull up or press the switch down, the window automatically rises or falls, if you need to stop halfway, you can press or pull the switch again.

Remote control to open/close windows

When the start switch is in the "OFF" stop and the fuel filler cover, the back door and the four doors are closed, long press the unlock button on the smart key for more than 2 seconds, and the four Windows will fall at the same time until they are fully opened. Long press the lock button on the smart key for more than 2 seconds, and the four Windows will rise at the same time until they are completely closed.

Window lock switch

The window lock switch  is located on the driver's side door, next to the window switch. Press the window

lock switch to disable front passenger side window and rear window operation. When the lock function is enabled, the front passenger and rear Windows can still be controlled by the driver's side power window control switch to raise or lower. To restore the electric operation of the front passenger side and rear Windows, press this switch again.

Power window thermal protection

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

Anti-pinch function

During the automatic closing operation of the electric window, if the window encounters an obstacle, the closing operation of the window stops and runs in the opposite direction for a certain distance. The automatic anti-pinch function also works if there is an impact or a situation similar to a window obstruction.

Activation conditions for anti-pinch power windows

The start switch is placed in "ON" gear or approximately 60 seconds after the vehicle is turned off.

Anti-pinch electric window initialization learning

If the battery of the vehicle is recharged, disconnected or not working properly, and the door guard and door control module are replaced, the power window with anti-pinch function needs to be re-initialized to learn so that the automatic operation and anti-pinch function can be used normally.

Initialization learning step

1. Gently pull the power window switch upward to close the window and hold it until the window is completely closed, hold it for more than 2 seconds.
2. Gently press the power window switch down to open the window and hold it until the window is completely open. Hold it for more than 2 seconds.
3. Gently pull the power window switch upward until the window is closed.
4. Perform the preceding steps consecutively to ensure successful learning.

Basic function operation

If the electric window does not work properly after the above operation, please contact Dongfeng Forthing special service station.



Notice

- When operating the window, ensure that it does not pinch any part of the passenger's body.
- Do not allow children to operate power Windows.
- If the power window clips the person's body when it is closed, it may result in some injuries.
- Do not intentionally clamp any part of the body to activate the anti-clamp function.
- If the window is about to close completely when the object is caught, the anti-pinch function may not work.

Skylight

Sky curtain

The skylight is made of integral glass and cannot be opened.



1. Sunshade closing switch

2. Sunshade opening switch

Sunshade open/close

Click the sunshade open/close switch to open or close the sunshade with one key; When the curtain is moving, press the curtain open/close switch again to stop the curtain from moving.

Long press the sunshade open/close switch to open or close the sunshade, release the switch, and the sunshade stops moving.

Anti-pinch function

Abnormal resistance during the closing process of the shade will trigger the anti-pinch function, and the shade will retreat to the maximum opening position (can not be stopped during the retreat process).

Delayed closing function

Start switch off within one minute, you can operate on/off

Thermal protection function of sunshade motor

In order to prevent the sunshade motor from overheating and causing abnormal function, after continuous operation of the sunshade curtain for 120 seconds (under normal resistance state), the sunshade motor will turn on the thermal protection function and the motor will enter the hibernation state. After the recovery time (21 seconds), the motor can work, because the motor temperature is not completely reduced to room temperature, so the continuous operation time in this state is less than 120 seconds.

Initialization

When the shade cannot be closed in place, it can be restored by the following operations:

1. Continue to press and hold the sunshade close switch. When the sunshade touches the front stop point and falls back, release the switch and the sunshade position initialization is completed.
2. Release the curtain closing switch and press the switch again within 4 seconds for about 4 seconds. The curtain will open for a short period of time, and then automatically reverse the switch to the fully closed position (do not release the switch during the process).

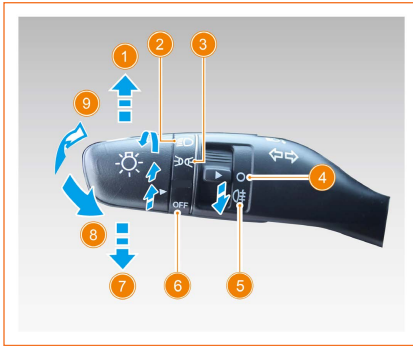


Warning

Do not leave children alone in the car, especially when the start switch is in "ON" gear, otherwise they may misoperate the curtain switch and cause an accident.

Light

Exterior lighting



- | | |
|----------------------|------------------------|
| 1. Right turn signal | 6. Headlight off state |
| 2. Low beam | 7. Left turn signal |
| 3. Position lights | 8. High beam flashing |
| 4. Fog lights off | 9. High beam |
| 5. Rear fog light | |

Turn signal switch

Flip the light combination switch up or down, and the right or left turn signal lights up. After the turn is completed, the handle returns and the turn signal turns off.

High and low beam switching

When the low light is on, push the operating lever to the limit position in the direction of the instrument panel, and the high beam is on; Turn back towards the steering wheel, high beam off.

Daytime running lights

Daytime running lights are mainly used during the day and can be automatically lit to make other drivers see your vehicle more clearly and ensure driving safety.

Rear fog lamp on/off

On the premise that the low light is turned on, move the adjustment ring ► down to the position of the rear fog light, and the rear fog light is turned on; Flip the adjustment ring ► again to point to O and turn off the rear fog light.

Headlight height adjustment



When the vehicle is loaded, the rear of the body sinks, and the near-light beam is raised, which will affect the line of sight of the driver in the face, causing safety hazards. The height of the headlights should be adjusted, the specific methods are as follows: When the start switch is in the "ON" gear, turn on the headlights. In the setting of the multimedia display, select [vehicle] - [Accessories] - [Headlight height adjustment], including 4 gear positions 0, 1, 2 and 3.

04

Interior lighting

Front interior lights



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

Door switch operation

When the "O" end of the gate switch is pressed, the door is turned off.

Basic function operation

When the gate switch "I" end is pressed, all indoor lights are lit.

When the "O" end and "I" end are not pressed, the indoor light will be on or off with the opening and closing of the four doors.

Indoor light switch

When the door control switch is parallel to the panel or the "O" end is pressed, the indoor light is controlled by the corresponding left/right front indoor light switch, which is on when pressed and off when ejected.

Rear interior lights



1. Indoor light switch

When the door control switch is parallel to the panel or the "O" end is pressed, the back interior light is turned on or off by the interior light switch.



Notice

If the indoor light is on after the vehicle is turned off, it may cause the battery to run out of power. Make sure all interior lights are turned off before you leave the vehicle.

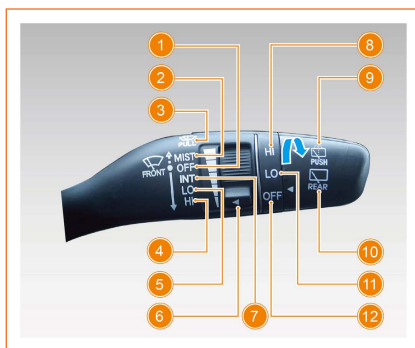
Luggage compartment light



After opening the back door, the trunk light will automatically light up for easy storage.

Wiper

Intermittent adjustable



1. Front wiper closed
2. Move the front wiper
3. Spray water from front windshield wiper
4. Front wiper wiper at high speed
5. Front wiper wiper at low speed
6. Intermittent time adjustment ring
7. Front wiper intermittent mode
8. Rear wiper wiper at high speed
9. Spray the rear windshield wiper
10. Turn on the rear wiper
11. The rear wiper wipes at a low speed

12. Rear wiper off

Wiper speed adjustment

Move the wiper combination switch up and down to switch the front wiper speed between MIST, OFF, INT, LO, HI gear, turn the rear wiper speed adjustment knob clockwise or counterclockwise to switch the rear wiper speed between HI, LO, OFF gear.

Interval time adjustment

When the intermittent mode of the front wiper is enabled, you can adjust the intermittent time by flipping the intermittent time adjustment ring up and down. The intermittent time decreases from the top to the bottom. The smaller the interval, the faster the wiper speed.

Front windshield washer

Turn the wiper combination switch back in the direction of the steering wheel and hold it, and the front glass scrubber will work while the wiper wipes clean at a low speed.

Rear windshield washer

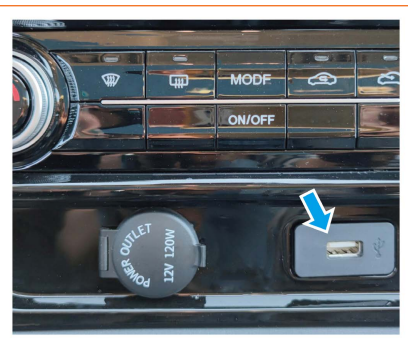
Push and hold the wiper combination switch toward the dashboard, and the rear glass scrubber will work while the wiper wipes clean at a low speed.

Wiper service mode

When the start switch is in the "OFF" stop, flip the wiper combination switch upward, and the front wiper will stop at a position close to the maximum height, which is convenient for maintenance and repair of the wiper blade. When the start switch is put back into "ON" gear, the front wiper automatically returns to the position.

USB interface

USB port on the front of the instrument panel



The front USB port is located under the air conditioner control panel and can be used for external audio sources or charging. It only works when the start switch is in "ON" or "ACC" gear.



When using the USB interface, plug in the USB flash drive and adjust the multimedia display function to the USB flash drive playback mode.

Rear USB port



The rear USB port is located under the rear air outlet of the sub-instrument panel. It only works when the start switch is in "ON" or "ACC" gear.



Notice

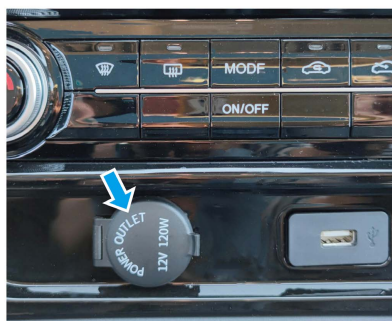
- Cover the dust cover tightly when the USB interface is not used.
- USB interface only provides charging function, charging the maximum current 2.3A, do not insert large current electrical appliances, so as not to cause fire.
- Do not insert metal foreign objects into the interface to avoid short circuit and cause fire.
- When inserting and removing the USB data cable, keep the direction of inserting and removing as much as possible in the same direction as the USB interface, which can save the inserting and removing force and is not easy to damage the USB interface.



Notice

- 12V car power supply is only used as power supply, do not plug the cigarette lighter into the 12V car power socket, so as not to cause fire due to short circuit.

12V car power supply



The 12V on-board power supply is located below the air conditioning control panel and only works when the start switch is in "ON" or "ACC" gear.



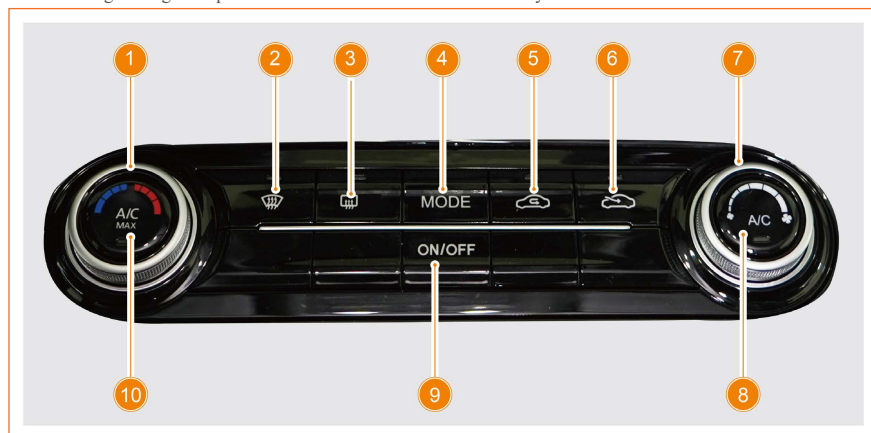
Notice

- Cover the dust cover tightly when the 12V vehicle power supply is not used.
- The maximum output power of 12V vehicle power supply is 120W, do not insert high-power electrical appliances, so as not to cause fire.
- Do not let children use or touch the 12V car power supply, do not insert metal foreign bodies into the power interface, so as to avoid short circuit and cause fire.

Air Conditioning System

Air conditioning buttons on the center console

For detailed introduction to the air conditioning multimedia display screen interface, please refer to the "Air Conditioning Settings" chapter in the audio and video entertainment system.



- | | |
|-----------------------------------|--|
| 1. Temperature adjustment knob | 6. External loop button |
| 2. Front defrost switch button | 7. Air volume adjustment knob |
| 3. Rear defrost switch button | 8. A/C switch button |
| 4. Blowing mode adjustment button | 9. Air conditioning system switch button |
| 5. Internal loop button | 10. Maximum cooling switch button |

Air conditioning control system button description

Temperature adjustment knob

Used to set the temperature inside the vehicle.

Front defrost switch button

Press this key to turn on or off the front windshield defrost/fog feature, which will quickly remove fog or condensation from the window when turned on.

Rear defrost switch button

Press this key to turn on or off the rear window defrost function.

The rear window defrost function removes fog, frost and thin ice from the rear window. If the post defrosting function is not manually turned off, the post defrosting function will be automatically turned off after 10 to 20 minutes.

Air volume adjustment knob

This knob is used to adjust the air volume at the air outlet.

Air conditioning system switch button

Press this button to turn the air conditioning system on or off.

Blowing mode adjustment button

Press this button to select the blowing mode, and the selected mode will be displayed on the multimedia display.



: Blowing head mode.



: Blowing head and blowing feet mode. : Foot blowing mode.



: Foot blowing, defrost mode.

A/C switch button

Press this button to turn the air conditioning on or off.

Maximum cooling switch button

Press this button to enter the maximum cooling mode, with the largest air volume and the lowest temperature.

Air conditioning operation tips

One-click cooling

Slide down at the top of the multimedia display, call up the drop-down menu, click the one-button cooling button, you can open the one-button cooling function, the car temperature quickly adjusted.

Fast defog

Press the front defrost switch button to enter the front windshield defrost/fog function. Press it again to turn off the front defrost function.

Air conditioning filter replacement

Replace the air conditioner filter element regularly according to the periodic maintenance table. Often drive in dusty places, it is recommended to shorten the replacement time/mileage.

Internal loop button

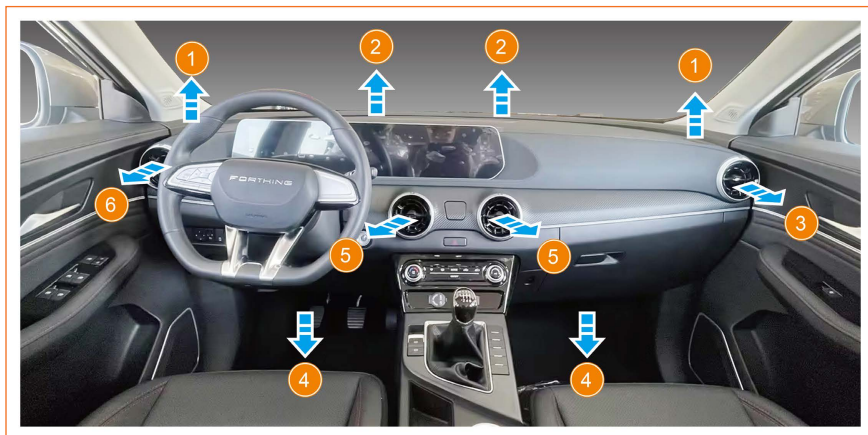
Press this key, air circulates in the car, and the work indicator lights up (yellow). When driving through dusty areas, the switch can be set to the inner cycle mode and then restored to the outer cycle mode.

External loop button

Press this button, air comes from outside the vehicle and the operating indicator light comes on (yellow).

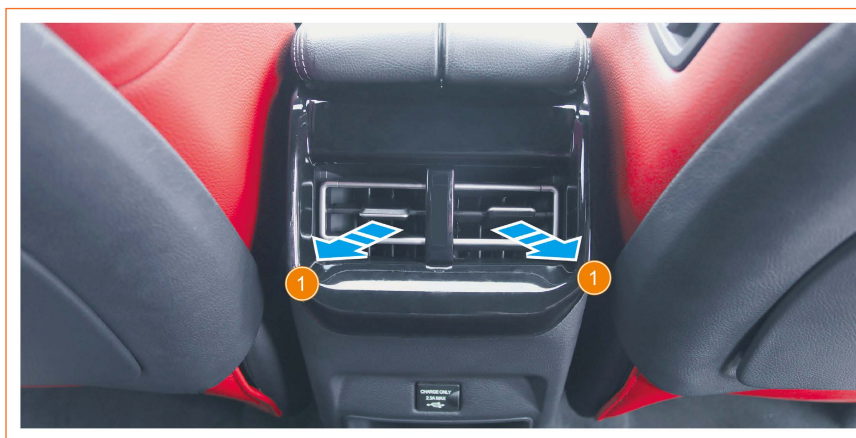
Air outlet position

Front air vents



- | | |
|-------------------------------------|-------------------------|
| 1. Side windshield defogger outlet | 4. Front foot air vents |
| 2. Front windshield defogger outlet | 5. Central air outlet |
| 3. Right air outlet | 6. Left side air outlet |

Rear air outlet



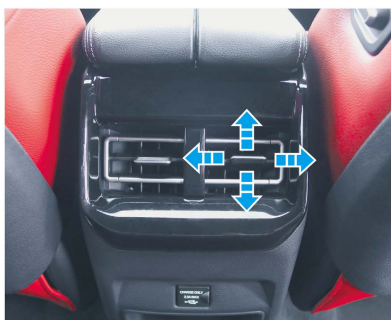
1. Rear middle air outlet

Basic function operation

Adjustment of air flow and direction



Turn the outlet switch knob clockwise to close the outlet and counterclockwise to open the outlet. The wind direction can be changed by moving the central grille of the outlet up and down, left and right.



The wind direction can be changed by moving the central grille of the outlet up and down, left and right.

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Notice to Users

1. Depending on the type of vehicle, the configuration of your vehicle may differ from that in these operating instructions. The description is slightly different, please refer to the actual vehicle.
2. When the vehicle reaches a certain speed, some functions of the audio system may not appear on the multimedia display. This is not due to a malfunction, but to comply with national or regional regulations.
3. It will take several seconds to respond to complex operations on the sound system. Please be patient. Disorderly operations may result in the processing of the platform is slow.
4. The driver must comply with relevant traffic regulations when using this audio system. Please park the vehicle in a safe Local operations, such as setting function options, etc.
5. Please read all instructions carefully before using this audio system. If you fail to follow the instructions and cause any damage, you will be held responsible. **Warranty service is not available.**
6. To avoid short circuit, do not allow the device to come into contact with water. Please do not place or leave any metal objects in the device.
7. Do not open the device for maintenance by yourself. If maintenance is required, please contact Dongfeng Forthing authorized service station.
8. When the engine is turned off, do not use the entertainment system for a long time, otherwise the battery will be exhausted.
9. Do not touch, rub or knock the screen with sharp objects.
10. This multimedia display assembly uses a built-in network. Do not apply metal film to the front windshield, otherwise it will cause the network function fails.
11. In remote areas, mountainous areas, tunnels, underground parking lots and other areas that affect network signal strength, there is a network. If there is a problem of weak signal, leave these areas and the network signal will be restored automatically.

Home

You can swipe left from any blank space on the first page to go to the second page, or swipe right on the second page to return to the first page.

Page 1





- 1. Home button: Press this button on any screen to return to the home page.
- 2. Media information area: Displays the information of the currently playing media. You can click it to quickly enter the application that is playing the media.

3. Status area:

icon	illustrate
	Displays the air conditioning status, from left to right, wind direction, cooling and heating positions. Click to expand the air conditioner details page
	WiFi Status
	USB connection
	Bluetooth connection
	Hotspot Open
	Mute

- 4. Application area: Click to enter the corresponding application. Different configurations and models may have different applications. Software updates may also change the content and location of the application. Please refer to your actual vehicle.

Drop-down shortcut menu

Swipe down from the top of the multimedia display to bring up the drop-down shortcut menu.



1. Left quick switch control area:

Silent: Click to turn on/off silent mode.

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

WiFi: Click to turn on/off the WiFi function, and long press to enter the WiFi setting interface.

Day mode/Night mode: Click to switch between day mode and night mode.

2. Volume/brightness quick adjustment:

Multimedia volume adjustment: Swipe the control ball left or right to adjust the multimedia volume.

Bluetooth phone volume adjustment: Swipe the control ball left or right to adjust the Bluetooth phone volume.

Display screen brightness adjustment: Swipe the control ball left or right to adjust the multimedia display screen brightness.

3. Standby:

Click to enter the multimedia display standby interface.

4. One-key cooling:

Click to turn on/off the one-key cooling function.

5. Multimedia control area:

Click to pause/play the currently playing media content, and switch to the next or next song.

Air conditioning settings

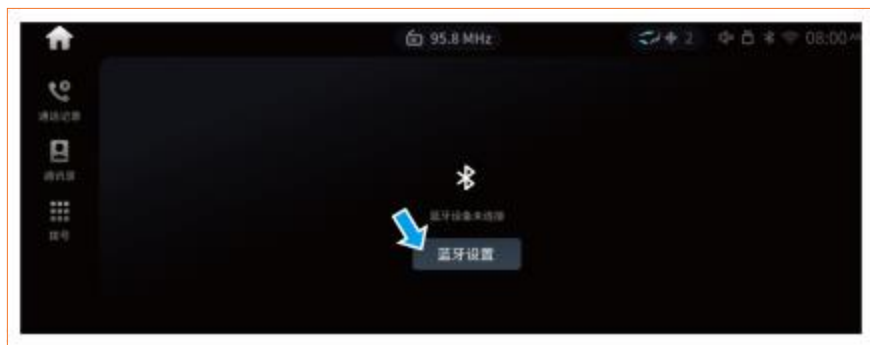
You can press any button on the air conditioner panel or click the air conditioner status bar  to go to the Air Conditioning page.



1. Adjust the air conditioning gear.
2. Blowing mode and air conditioning air volume adjustment area.
3. In the wind direction display area, you can click different modes to switch the wind direction.
4. Air conditioning status: from left to right: A/C button, maximum cooling (A/C MAX) button, air conditioning system button, internal and external circulation button, front defrost button, and rear defrost button.

Bluetooth Phone

Click the "Phone" icon on the multimedia display homepage to enter the Bluetooth phone interface.



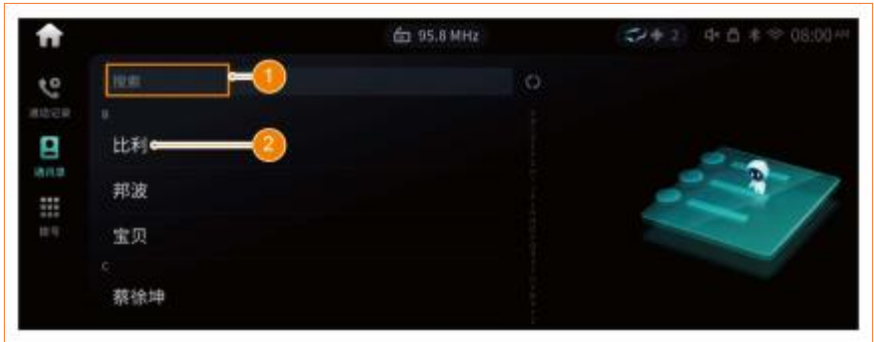
When the Bluetooth function is not turned on, the interface displays Bluetooth settings. Click here to turn on the Bluetooth function. At the same time, it will prompt you to connect to the mobile phone Bluetooth. After the connection is successful, you can perform other operations.

Call Logs



1. Return to home page: Click to return to the system home page.
2. Switch to view call records: Click to switch to 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 contact's call log details.
5. Call history list: Swipe up and down to view the call history, and click any contact to make a call.
6. Switch to view call logs, address book, dial and use related functions.

Contacts



1. Address book search function.

2. Contact list: Swipe up and down to view the contact list, and click any contact to make a call.

Dial

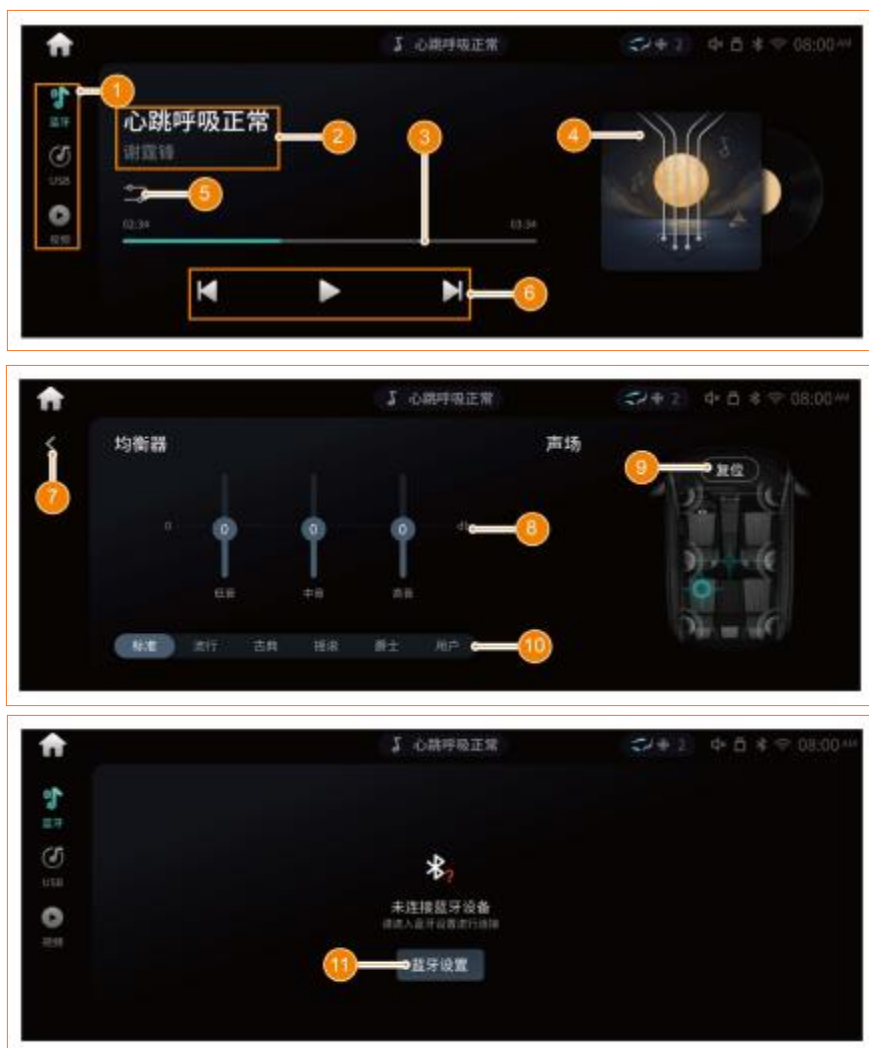


Dial pad: supports direct dialing and dialing to search for contacts.

Multimedia

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

Bluetooth Music



05

1. Click to switch between Bluetooth music, USB music, and USB video functions.
2. Bluetooth music information display area: displays song name and singer name.
3. Progress bar control: You can slide to adjust the playback progress bar.
4. Bluetooth music information display area: displays song album picture/default picture.

5. Sound effect adjustment: Click to enter the sound effect adjustment interface.
6. Bluetooth music playback controls and progress bar: play/pause, previous song/next song switch.
7. Return: Click to return to the Bluetooth music interface from the sound effect adjustment interface.
8. Equalizer adjustment: Swipe up and down to adjust the bass, midrange and treble effects.
9. Sound field adjustment: Slide the cursor to adjust the sound field, and drag the cursor to the center to reset the sound field.
10. Equalizer mode: Click to switch the equalizer mode.
11. Bluetooth settings: When Bluetooth is not connected, if you want to access Bluetooth music, you can click Bluetooth settings to connect to Bluetooth.

USB Music



1. List switch: Click to switch the music playlist/USB folder list.
2. Music list: You can swipe up and down to view the list, and click on the music file to play it.
3. Play All: Click to play all music files in the current list.
4. Expand to full screen: Click to display music information in full screen.
5. USB music information display area: displays song name and singer name.
6. Progress bar control: You can slide to adjust the playback progress bar.
7. Loop mode: Click to switch between single song loop/list loop/random play mode
8. Sound effect adjustment: Click to enter the sound effect adjustment interface.

9. Bluetooth music playback controls and progress bar: play/pause, previous song/next song switch.

10. Collapse full screen: Click to collapse the full screen display.

USB Video



1. Close video: Click to close the currently playing video.
2. Video playlist: You can swipe up and down to view the list, and click a video in the list to play it.
3. Progress bar adjustment: Swipe the progress bar left or right to adjust the video playback progress.
4. USB video playback controls: full screen playback, play/pause, previous/next video switching, sound effect adjustment.
5. Return: Click to return to the previous interface.

6. Video playback area: Single-click to call out the playback controls, double-click to pause/play; swipe left or right to adjust the playback progress; swipe up or down on the left side of the screen to adjust the video playback brightness, swipe up or down on the right side of the screen to adjust the video playback volume.
7. Collapse full screen: Click to collapse the full screen display.
8. Driving video warning: After turning on the driving video warning in the settings, the video image will not be displayed while the vehicle is driving, but other operations will not be affected.

Radio

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



1. Channel switching: Click to switch to the previous/next channel.
2. Radio station favorites: Click to favorite the current radio station.
3. Radio station search: Click to search for radio stations.
4. Play/Pause: Click to play/pause.
5. Sound effect adjustment: Click to enter the sound effect adjustment interface.
6. Radio frequency band bar: Swipe left or right to switch frequency bands.
7. FM/AM switch: Click to switch FM/AM frequency band.
8. List switching: Click to switch preset radio stations/favorite radio stations/browse radio station list.
9. Radio station list: Display preset radio stations/favorite radio stations/browse radio station list

Mobile Internet

Click [Mobile Internet] on the homepage of the multimedia display screen, and you can enter the mobile Internet desktop after connecting your mobile phone.

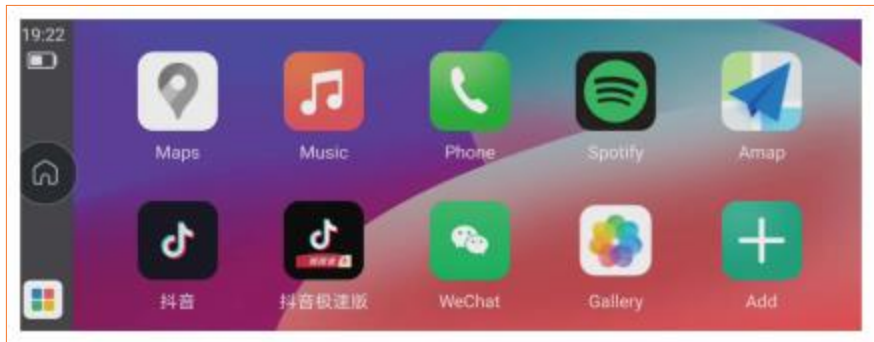


Mobile Internet connection method

USB connection	After entering the interface, select "Click to download mobile APP" to pop up the APP download QR code. Scan the code to download and install the application. Use a USB data cable to connect the multimedia display and the mobile phone. The application will pop up automatically. Follow the prompts on the multimedia display to successfully connect.
WiFi connection	After entering the interface, select "Click to download mobile APP" to pop up the APP download QR code. Scan the code to download and install the application. Turn on the mobile hotspot. After the multimedia display screen is connected to the mobile hotspot, open the mobile Internet application and follow the instructions on the multimedia display screen to successfully connect.

05

Mobile phone interconnection function



Local Music	Read/play local music on your phone, just click to use.
Car Desktop	Click to return to the local main interface.
Telephone	The function is the same as Bluetooth phone.
Application Management	Click to add mobile applications to the multimedia display. After adding successfully, you can realize the mobile application screen projection function and use related APPs (such as music, video entertainment, maps, etc.) on the multimedia display.

Special Circumstances of Mobile Internet

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

When using the mobile phone interconnection screen projection function, if the projection screen is not clear, please enter the mobile phone "Driving Companion" APP, and change the screen mapping coding method from hard coding to soft coding in the Driving Companion settings.



Note

Mobile phone interconnection may change due to the update of interconnection application software version. The specific functions are subject to the actual vehicle.

Set up

On the multimedia display screen homepage, click the [Settings] icon to enter the settings 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.

Modules	Included Features
show	Screen brightness, day/night mode, video warning while driving, automatic time synchronization*, time format, language settings*
sound	Media volume, phone volume, system sound effects
Sound Effect Adjustment	Equalizer, sound field

Connection Settings



Connection settings include: Bluetooth, WLAN, and network hot spot.

Vehicle Setup



Vehicle settings include accessories and power settings.

Modules	Included Features
Appendix	Remote control car lock feedback, remote control window closing settings, brake mode settings, steering wheel button customization

System Settings



See Open Font Protocol and Using Factory Reset.

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Storage

Door storage box



Front and rear door interior panels are designed with door storage boxes for cups and other items

Sub-dashboard storage

Storage compartment in front of the auxiliary instrument panel



Can hold mobile phones, keys and other items.

Storage slot at rear of auxiliary instrument panel



Can place mobile phones and other items.

Central storage box



The sub-dashboard has a centre compartment, which can be opened or closed by lifting up or pressing down..

Storage Box



The storage box is located on the front passenger side.

Pullback the storage box lid puller to open the storage box. Push the lid back forwards and fasten to close the compartment.

Seat back publication pocket



The magazine pocket is located on the back of the front seat and is used to store small items such as plastic bags and tissues.

Cup holder

Front cup holder



The front cup holder can hold tea cups, beverage bottles, etc. It is convenient for you to use when traveling.

Rear cup holder



There is a cup holder on the rear center armrest. Pull it down.

The cup holder can be flipped out by pulling the strap.

Other devices

Sun Visor



If you need to use the sun visor to block the front glare, just flip the sun visor down. If you need to use the sun visor to block the front glare, just flip the sun visor down. To block side glare, disengage the left/right side support bar from the clips and turn the sun visor to the side. To block side glare, disengage the left/right side support bar from the clips and turn the sun visor to the side.

Dressing mirror



If you need to use the vanity mirror, push the cover to the left. Available for use.

Ticket Holder



The sun visor is designed with a ticket holder for small items such as invoices, petrol cards, etc.

Mobile phone holder interface



There is a mobile phone holder interface in the middle of the dashboard. It is convenient to use during driving.

⚠ warning

It is forbidden to operate the mobile phone while driving a vehicle to avoid Distracted attention may lead to accidents.

Car handle



There are interior handles on the front and rear sides for passengers to use in special situations. The interior handles are spring-loaded and automatically return upwards to their original position when released.

Hook up

Dashboard hook



There is a hook on the left side of the storage box for hanging water cups. Lightweight items such as iPod, iPod Touch, etc. Press the groove to open and the rib to close.

Coat hook



Rear right hand interior handle with coat hooks for passenger use

Seat back hook



The front seat backs are designed with hooks for hanging lightweight items such as cups of water.



Note

The maximum load-bearing capacity of the hook is 3kg. Hang overweight items.

Roll-up blinds

Installation and removal



Installation and Removal Procedures for Roll-Up Shades:

1. Press the ends of the roll-up shade to the centre and then snap it onto the vehicle fixing slot. After installation, shake it to check whether it is in place or not.
2. For removing the roll-up shade, follow the installation steps in the reverse direction.

Expand and retract



Steps for unfolding and retracting the roller blind:

1. Pull open the handle of the curtain, snap the two sides of the card feet into the corresponding slot of the side enclosure, and then you can unfold the roll-away type shade.
2. To retract the roller blind, follow the unfolding procedure in the reverse direction.



Note

The retractable blind is a decorative part that can be used to cover the role of the luggage compartment is to ensure your safety. Do not place anything on it.

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Start and stop

Start switch



Press the start switch without depressing the clutch pedal. The manual switch switches between OFF-ACC-ON in a cycle.

OFF position: The instrument cluster goes off, the audio system Close and start the switch indicator light to breathe blue.

ACC gear: The instrument cluster goes off, but the audio system The system is turned on and the start switch indicator light is breathing blue.

ON position: The combination instrument lights up and the start switch indicator The indicator light is breathing blue.

START gear: Only used to start the engine. After the vehicle is started, the start switch indicator light turns blue.

Start the engine

Normal startup

Put the shift lever in neutral and press the clutch pedal.

Press the start switch.

Emergency start

When the engine ECU fails, the engine failure (SVS) warning light comes on and the engine cannot start normally.

When it starts, take the following actions:

1. Put the shift lever in neutral and do not press the clutch pedal. Press the start switch twice to illuminate the instrument cluster.
2. Press the start switch once to turn off the instrument cluster.
3. Press the start switch twice to illuminate the instrument cluster.
4. Depress the clutch pedal for 5 seconds (start switch indication The light will turn green), press the start switch again after 5 seconds.



Note

If you fail to start successfully after several attempts, please contact Dongfeng Special service station.

Low battery start

When the smart key has low or no power, you can use the mechanical key inside the smart key to open the door, then place the smart key into the first cup holder of the front cup holder (towards the front of the car) and press the start switch while depressing the clutch pedal.

Engine Fails to Start

The reason why the engine will not start can be determined by the sound heard when the start switch is placed in the START position. There are two general types:

1. no or almost no sound can be heard, indicating that the engine starter will not turn over or is too slow.
2. the sound of the starter running normally or the sound of the starter turning faster than normal can be heard, but the engine does not start or turn over.

The starter cannot turn or the speed is too slow

1. Check that the battery terminals are tight and clean.
2. if the battery terminals are OK, turn on the interior lights. If the interior light does not come on, dims, or goes out when starting the engine, the battery has run out of charge and you can try to start it by jumpering it. If the light is normal, but it does not start, contact the Dongfeng Forthing special service station



Note

- At altitudes above 2,400 meters, starting is more difficult due to the thin air.
- In cold weather or when the vehicle is parked for a long time Before driving, it is recommended that you turn off the engine

Warm up for a few minutes before driving.

Manual transmission



The manual transmission is equipped with a reverse gear protection locking device. To avoid shifting directly from the highest gear to the reverse gear.

When you need to upshift or downshift, be sure to press the clutch pedal to the floor, shift to the next gear, and then slowly release the pedal. Do not place your foot on the clutch pedal when you are not shifting, as this will accelerate clutch wear.

Only shift to reverse gear when the vehicle has come to a complete stop. It is recommended that you fully depress the clutch pedal and hold it for a few seconds before shifting into reverse, as this will make the shift smooth. Shifting into reverse while the vehicle is in motion can damage the transmission.

When decelerating, additional braking power can be obtained from the engine by downshifting. This additional braking power helps to maintain a safe speed and reduces the load on the brakes when going downhill, preventing the brakes from overheating.



Note

When braking with the engine, do not allow the engine tachometer to reach the red zone as this may damage the engine.

△Warning

When driving on slippery roads, rapid acceleration or deceleration can lead to loss of control of the vehicle. This can cause injury in the event of a crash. When driving, you should be extra careful.

Parking


Electronic Parking Brake (EPB)



The driver can use the electronic parking brake to stop the vehicle reliably.

EPB activation and deactivation

Enable: After the vehicle stops, pull up the EPB

Switch, manual parking completed, parking status indicator  Light up.

Release: Depress the brake pedal and press the EPB switch at the same time to release the electronic parking brake.

The status indicator  turns off.

Emergency brake function

This function is used when the foot brake pedal is disabled or blocked. The vehicle can be braked with the parking brake in an emergency by keeping the EPB switch engaged. As soon as the EPB switch is released, the emergency brake can be deactivated.

△Warning

Emergency braking should be avoided as much as possible, as it may cause the vehicle to rear-end or skid on roads with large curvatures, poor road conditions or in winter.

Automatic parking function (AUTO HOLD)



The AUTO HOLD function can help the driver. It is more comfortable to start on slopes or at traffic lights. This function can be turned on or off by the AUTO HOLD switch. When the AUTO HOLD function is turned on, the driver releases the brake pedal when starting on a slope or at a traffic light. The system continues to brake.

AUTO HOLD on condition:

1. Start the vehicle.
2. The driver is wearing a seat belt.
3. The car door is closed.

Turn on the AUTO HOLD function

Press the AUTO HOLD switch on the center console and the switch indicator light comes on.

With the engine running, if the vehicle remains still, such as on the slope, meeting red. When the car stops or starts moving, the AUTO HOLD function. The driver provides support and takes over the parking task of the vehicle. When the driver steps on the brake pedal to stop the vehicle, the automatic parking function indicator lights up, and the driver can to release the brake pedal.

When starting, whether on a flat road or uphill or downhill, you need the parking brake will be automatically released when the accelerator pedal is pressed. It may cause the vehicle to be unable to start.

Turn off the AUTO HOLD function

When the AUTO HOLD function is enabled, press the AUTO HOLD switch to turn off the AUTO HOLD function and the switch indicator light goes out.

The indicator light turns red.

If you open the driver's door, release the driver's seat belt or shut down the engine will be converted to EPB parking.

The AUTO HOLD function is disabled to ensure parking safety.

Adding fuel

Fuel filler cap open/close



Open

In the case of central unlocking or remote key unlocking, Press the left center of the fuel filler cap to open it.

Open the oil filler cap.
closure

After closing the fuel filler cap, press the central control or remote control key. The fuel filler cap is locked by pressing the lock button on the key.

Fuel filling



Turn the fuel filler cap counterclockwise to Open it and add fuel. After refueling, turn clockwise. Turn the fuel filler cap until it clicks.

Close the fuel filler cap.

△warning

When refueling, turn off the engine and keep away from heat sources. Open flame.

Driving Tips

Vehicle running-in period

During the 1,000 kilometre journey of a new vehicle, special attention should be paid to the driving style, which will help to safeguard the vehicle's reliability and prolong its service life. During this period, the following should be noted

1. Avoid driving the vehicle under full load and do not overload.
2. Avoid sudden application of the brake pedal.
3. Towing vehicles should be avoided as much as possible.
4. It is recommended to try driving under different working conditions.

Night driving

Driving at night is more dangerous than driving during the day.

The reasons are poor night vision and driver fatigue. Please pay attention to the following when driving at night:

1. Driving under the influence of alcohol is strictly prohibited.
2. Adjust the position of the vehicle's interior rear view mirror to reduce glare.
3. Keep a greater distance from the vehicle in front.
4. Drive carefully and watch out for animals.
5. Drive at low speed.
6. Be aware of the glare of oncoming lights and slow down.

Avoid looking directly into the headlights of oncoming traffic.

7. Do not drive while tired. If you feel sleepy, you should Park the vehicle in a safe place on the roadside and rest.

8. Keep all glass neat and tidy to avoid glare from lights and blocked views

Drinking and driving

Don't drink and drive. Drinking and driving is very dangerous.

Even small amounts of alcohol can affect a person's reflexes, Perception, attention and judgment. It will not only cause an accident but also result in serious personal injury or death.

The traffic department will follow the relevant regulations and handle the drinking and

driving will be punished accordingly.

Driving in water

To avoid damage to the vehicle when driving through water, please pay attention to Please note the following:

1. Determine the water depth before driving through water. The height can only reach 1/4 of the wheel.
2. Drive at a maximum speed of 10 km/h. If the vehicle speed is too high, a wave may form in front of the vehicle. This can cause water to enter the engine air intake system or other parts of the vehicle. Its components are inside, causing damage to the vehicle.
3. Do not park in water under any circumstances. Reverse or turn off the engine.



Note

- When a vehicle passes through a flooded or muddy road, The braking effect may be impaired and the The moving distance is extended, and there is a risk of accidents!
- After driving through water, avoid emergency acceleration immediately. High-speed driving or emergency braking operation.
- When driving through water, certain parts of the vehicle, such as: The engine, transmission, chassis or electrical system may Damage may occur.
- After wading, the brakes must be cleaned and allowed to dry as soon as traffic conditions permit by applying intermittent braking. It is not permissible to interfere with other traffic participants and to avoid traffic accidents..
- The waves caused by the oncoming car may exceed the The permissible wading height of the vehicle.
- The water may hide potholes, mud holes or rocks that can make wading more difficult or impede it
- Try to avoid driving on roads with a lot of water, and after driving over roads with a lot of water, it is recommended that you go to the Dongfeng Forthing special service station to carry out a comprehensive inspection of the vehicle to check for hidden dangers and ensure driving safety.

Long distance driving

a1.

Please make sure you are prepared and as well rested as possible before a long journey.

Please check the following parts of your vehicle before traveling:

1. Check whether the washer fluid tank is full.

Check whether the inside and outside of the car windows are clean.

2. Check fuel, engine oil and other fluids. Check whether the specified oil level has been reached.

3. Check that all lights are working properly.

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

5. Check whether the tire tread pattern is suitable for long-distance travel. Check that all tires are inflated to the recommended pressure value.

Driving in rainy and slippery roads



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

1. Heavy rain will reduce visibility and increase braking distance. Please slow down when leaving.
2. Check the wipers regularly. If there are streaks or missed areas on the glass, please replace it immediately. Wiper blades.
3. If the vehicle tires are in poor condition, Braking on the surface may cause the vehicle to slide or even can cause an accident, so make sure your vehicle's tires are in good condition. Good condition.
4. Turn on the vehicle's headlights and hazard warning lights.
5. Please slow down when passing through waterlogged roads.

6. If the brakes are wet, gently press the brake pedal while driving until the brakes return to normal.
7. Do not make sudden turns or sudden brakes while driving to avoid accidents.

8. After wading, you can drive slowly at low speed. Dry the brakes by pressing the brake pedal.

Driving on slopes and mountainous roads



When driving on slopes and mountainous roads:

1. Please keep your vehicle in good condition.
2. Pay special attention when going uphill and over the top of the hill. There may be obstacles in the lane.
3. Special warning signs may be seen on mountain roads, so be aware of these signals and take appropriate measures when driving.

Driving on icy and snowy roads



1. When driving in snow, use snow tires whenever possible. Choose snow tires of the same size and type as those originally fitted.

2. When driving in the snow, high speed, rapid acceleration,

Emergency braking and small-angle turns are very dangerous. Should be avoided as much as possible.

3. When driving on icy ground, emergency braking will cause The vehicle is drifting, please keep a safe distance.

Winter driving



Harsh driving conditions in winter can increase the Wear and tear or cause vehicle failure. Refer to the following suggestions Reduce the probability of failure:

1. If necessary, change to a lower viscosity engine oil for winter use
2. Check coolant specification to confirm freezing point is suitable for expected winter temperatures
3. Check the wipers to make sure they can move freely. brush.
4. Carry appropriate emergency equipment according to weather changes Preparation.

Fan rear operation

After the vehicle is switched off, the electronic fan will continue to run for a period of time in order to reduce the temperature of the engine compartment and ensure the performance of the components in the cabin.

Electric Power Steering

The electric power steering system can provide Provides power assistance, allowing the driver to easily turn steering wheel.

The power assist mode can be selected on the multimedia display. mode, go to [Settings] - [Vehicle] - [Accessories] - [Steering Mode].



Steering modes include standard, comfort and sport. kind:

Standard: moderate steering assistance, suitable for general driving This item is the default state.

Comfort: Steering assistance is increased, making steering easier. Sport: Steering assistance is reduced and the steering feel is stable.

Select the steering mode when the vehicle is stationary and no steering operation is performed.

Turning the steering wheel repeatedly or continuously when parking or driving at very low speeds will cause the electric power steering system to overheat and the steering assistance to be reduced. To avoid this, try not to turn the steering wheel repeatedly or continuously.

When turning the steering wheel quickly, a moaning sound may be heard. scraping sound, which is not a malfunction. If the steering system malfunction warning light is illuminated when the engine is running, it means that the steering power is abnormal, and turning the steering wheel at this time requires more force, please reduce the speed as soon as possible and safely pull over to the side of the road, switch off the engine for 5 minutes and then restart the vehicle, and if the warning light is no longer illuminated, then it can be driven normally, and if it is still illuminated, please contact the Dongfeng Forthing Service Station as soon as possible.

07

Traction Control System (TCS)

During vehicle operation, the TCS system reduces wheel slip in its direction of rotation by controlling engine output and applying appropriate braking to the drive wheels.

Brake Assist

Brake Assist (BA)

Drivers in most hazardous situations are able to brake in time braking in most hazardous situations, but the brake pedal is not pressed hard enough, resulting in increased braking distances. Vehicles with the BA system will activate the hydraulic assisted braking system when the brake pedal is pressed quickly while the vehicle is in motion. The BA system generates a greater braking force than during normal braking, thus shortening the braking distance and ensuring your safety.

Brake priority

Brake priority system that automatically switches engine operation to idle when it detects the driver pressing the brake pedal

Anti-lock Braking System (ABS)


How it works

The ABS system controls the vehicle's brakes and regulates the braking force by detecting the rotational speed of each wheel to prevent wheel lock and skidding. During braking, the steering wheel can still be used to steer the vehicle to avoid a collision.

System self-check

The ABS system has a built-in self-check function. The system is tested when the vehicle is moving and at low speeds.

If there is a fault, the self-diagnosis function will shut down the ABS system and Light up the ABS system fault warning light on the instrument cluster

 The brake system works normally at this time, but the ABS system does not work. If the ABS system fault warning light comes on, please contact It is a Dongfeng Forthing authorized service station.

Normal operation

The ABS system is automatically switched on at speeds above 5km/h. When the ABS system detects that one or more wheels are close to locking, the actuator acts quickly to release and restore braking force. When the actuator is working, you may feel a slight vibration of the brake pedal and hear a vibration sound from the actuator under the bonnet, this is a normal phenomenon and indicates that the ABS system is working normally.



Note

- The ABS system cannot reduce braking distance.
- During emergency braking, steer moderately.

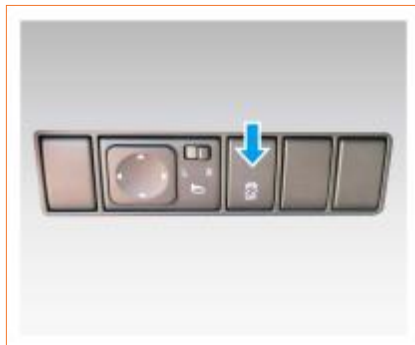
EBD

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

Electronic Stability Control (ESC)

The ESC system improves the stability of the driving vehicle. The ESC system improves the stability of the driving vehicle. The ESC system operates when it detects a deviation between the desired driving condition and the actual body condition, and selectively applies braking force to the vehicle brakes to improve driving stability.

ESC switch



Press the ESC switch, the ESC system switches off and the ESC shutdown indicator on the cluster instrument illuminates. The ESC system is switched off and the Electronic Stability Control Off indicator on the instrument cluster lights up.

When the vehicle speed exceeds 80km/h, the ESC system is automatically switched on and the ESC OFF indicator light on the cluster instrument goes out. The ESC system switches on automatically and the ESC OFF indicator goes out.

Press the ESC switch again and the ESC system will switch on. The ESC system is switched on and the ESC OFF indicator on the instrument cluster goes out.

Recommendations for reasonable use of the brake system

Do not put your foot on the brake pedal while driving.

It will cause the brakes to overheat and accelerate the brake disc and friction pad wear and increase fuel consumption.

When going down a long slope, try to avoid frequent braking. To avoid overheating of the brakes and reduced braking performance.

When driving on slippery roads, drive with caution. Sudden braking or acceleration can cause the wheels to spin.

When washing the car, wading in water or driving in the rain, the brakes may become wet and the braking performance may be reduced, in which case you should drive at a safe speed and pay attention to keeping a distance between the cars.

Driving uphill

Apply the parking brake to stop the vehicle and When walking, slowly release the parking brake and press the Speed pedal.

Hill Start Assist (HHC)

When the vehicle is starting on a steep or glossy slope, and the driver switches from the brake pedal to the accelerator pedal, the vehicle may slide downwards, making starting difficult. To prevent this, the HHC system temporarily (approx. 2 seconds) applies braking force to all four wheels to stop the vehicle from slipping.

The HHC system will automatically operate under the following conditions:

1. When shifting to forward or reverse gear and driving uphill.
2. Press the brake pedal to brake, the vehicle is on a slope Stop completely.

The HHC system will not operate under the following conditions:

1. When the shift lever is in the neutral position, or when the vehicle When on level ground.
2. When the ESC electronic stability system in the instrument cluster When the off indicator light comes on.

△Warning

- Do not rely solely on the HHC system to prevent the vehicle from rolling down a hill.

△Warning

- When the vehicle is parked on steep, icy or muddy roads, the brake pedal should be depressed to prevent the vehicle from sliding backwards

Brake boost

When the force applied to the brake pedal exceeds a certain degree, the brake assist will be turned on. Stepping on the brake pedal will also generate a greater braking force. Convenient and easy to drive the vehicle.

Parking assistance system

Introduction

Parking assistance system can assist the driver to observe and perceive the surrounding environment during the parking process, and provide the driver with visual and auditory prompts or warnings when there are obstacles around that hinder parking.

Parking radar system

The parking radar detects the surroundings of the vehicle. It also issues warnings when the vehicle approaches an obstacle. The driver avoids the risk of collision.

When the reversing radar system is switched on, the system will automatically detect whether the function is normal or not, if the system is normal, it will beep 1 time for 0.5 seconds. If the system beeps once for 3 seconds, the system is faulty, please contact Dongfeng Forthing Service Station.

Open/Close method

When the gear is switched to R gear (reverse gear), reverse The radar is automatically turned on. After exiting R gear (reverse gear), the system The system automatically shuts down.

Detection range

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

Sensor location	Maximum detection distance (cm)
Rear sides	50 ~ 70
Rear middle	140 ~ 160

Alarm method

The system emits intermittent alarm tones or long alarm tones according to the distance between the radar sensor and the obstacle; the shorter the distance, the shorter the interval between alarm tones.

On the multimedia display screen, according to the distance of obstacles The information is displayed in corresponding colors, as shown below:



The specific correspondence is as follows:

Obstacle distance (cm)	Alarm Tone	Alarm display
0 ~ 30	Long beep	red
30 ~ 100	4Hz Urge Intermittent sound	yellow
100 ~ 150	2HZ Intermittent sound	green

Fault display strategy

If one or more of the radar sensors at the rear of the vehicle fails, the remaining sensors at the rear do not work.

The radar sensor has a fault alarm, indicating that The system is no longer reliable, please contact Dongfeng Forthing Special Service station.

Situations where the system may not work

Due to the characteristics of the object, position, angle, size, material or background complexity of the place, etc., may cause the system does not work or false alarms, the following situations will cause failure to detect or poor detection:

- 1. Objects such as barbed wire and steel cables.
- 2. Driving in bushes or on rough roads.

- 3. Cotton or other materials that easily absorb sound waves.
- 4. There is foreign matter attached to the sensor surface.
- 5. Ultrasonic murmurs, metallic sounds, and high-pressure gas emission sounds of the same frequency.
- 6. Adding or connecting other electronic devices can also affect the function of this system during use.

Warning

- The reversing radar system only serves as an auxiliary warning of obstacles behind the vehicle when reversing and cannot replace the driver's observation of the surroundings. Drivers need to monitor the environment in real time during the whole driving process, and Dongfeng Forthing is not responsible for accidents caused by drivers' negligence.
- As the reversing radar system has a blind spot in its operation, do not use this as the sole evidence of reversing safety; the driver is responsible for driving safety.

Reversing Image



Images are captured by a camera mounted at the rear of the vehicle, making it easy for the driver to check for rear obstacles in time when reversing

Reversing image on

Prerequisites for reversing image activation: The vehicle is in "ON" gear.

Reversing camera on/off mode: Reversing camera will be turned on automatically when you hang up the R gear, and the system will be turned off automatically when you exit the R gear.

Width line



Reversing image vehicle width line description:

Red: indicates about 1 meter behind the vehicle.

Yellow: Indicates a distance of about 2 meters behind the vehicle.

Green: Indicates a distance of about 3 meters behind the vehicle.

Vehicle width: represents the width of the exterior mirror +7 centimeter.

Dynamic vehicle width line assists the driver in determining the reversing track line and requires the steering wheel to be turned to a certain angle before it is activated



Note

- Cameras are similar to the human eye, with limited ability to see objects at dusk, night, dawn, snow, rain and fog. This product is intended primarily for driver assistance purposes and the driver always has the responsibility to maintain a distance from any obstacle.
- A dirty camera will affect the system usage. Clean up promptly.
- When the climate is harsh and the light is insufficient, it will affect the normal use of the system

△Warning

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 environment around the vehicle and drive safely when parking the vehicle.

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Regular maintenance

Daily inspection items

Project	Inspection content
Engine oil level	Check the oil level at each refueling.
Engine coolant level	Check coolant level at each refueling
brake pedal	Check that the brake pedal operates freely before each drive
horn (automobile etc)	Check that the horn works before each drive
car door	Check that the trunk lid and all other doors (including the rear doors) open and close freely and lock securely.
air conditioning system	Check the operation of the air-conditioning unit on a weekly basis.
Windshield Washer Fluid	Check the stock of washing liquid once a month.
Windshield wiper	Check wiper condition once a month
Brakes	Check level once a month
Tire	Check tire pressure once a month. Check tread wear and for embedded foreign objects
Battery	Check the condition of the battery and the corrosion of the terminals once a month.
Windshield Defroster	Check the defrost unit air vents each time you use the warm air unit and air conditioner.
vehicle lights	Check the condition of headlights, small lights, taillights, high mounted brake lights and license plate lights once a month

Cleaning and maintenance

External maintenance

Regular and professional maintenance can keep your vehicle in good condition.

Here are some tips on how to keep your vehicle in good condition.

Surface cleaning, including: paint, polishing and Wheels, etc., as well as related anti-corrosion measures.

CAR WASH

Washing your car frequently will help protect the appearance of your vehicle. Dust and grit can scratch the paintwork, and leaves and bird droppings can permanently damage the finish of the bodywork. Bodywork should be washed in the shade

Use only solvents and cleaners recommended in the User Manual.

While drying the bodywork, check the bodywork for paint loss or scratches. If any are found, patch them up with touch-up paint!



Note

- The use of chemical solvents and strong detergents when washing the vehicle can damage the paint, metal and plastic parts of the bodywork. It is recommended that the vehicle be rinsed thoroughly with clean water to remove dust.
- Check the bodywork for asphalt, leaves and other dirt, use asphalt remover or turpentine to remove such dirt, then immediately rinse with water to avoid damaging the surface finish of the bodywork.
- After cleaning the entire body exterior, it should be dried with a soft towel. Natural drying in the air can cause the exterior to lose its lustre or form water stains.

Waxing

Vehicle waxing is good for preventing adhesion of dust and road chemicals.

Waxing should be carried out only after washing and drying the vehicle, and at least every three months to help protect the bodywork. A good quality liquid or paste wax should be used. Refer to the instructions on the packaging when applying the wax..

There are generally two types of products:

Car body wax

Body wax is a kind of wax applied to the paint surface to protect it from sunlight, air pollution and other damages. It is recommended that a new car be used for about six months before applying body wax.

Polishing wax

Polishing waxes restore paintwork that has been oxidised or has lost its lustre and bring back its brilliance. These waxes generally contain soft abrasives and solvents that remove the top layer of oxidised paintwork. If the paintwork does not regain its original lustre after a body wax, a polishing wax should be applied.



Note

Removing dirt such as asphalt and insects with cleaning agents can cause dewaxing. Therefore, it is necessary to replenish the wax at the location of dewaxing.

Paint repair

Small cracks and scratches in the paint coating should be repaired immediately with special repair coatings or repair paints to prevent corrosion.

Aluminum Alloy Wheels

When cleaning the exterior of the vehicle, the aluminium wheels should be cleaned at the same time. After washing, rinse the aluminium wheels thoroughly with water.

Front cabin water tank

The front compartment gutter is located in front of the front windscreen, under the wiper cover, and is a very important water flow structure at the front of the vehicle.

The drainage condition of the front compartment gutter should be checked every 5000 km to ensure that the wiper cover is as clean and tidy as possible, and to avoid damage to the relevant electrical equipment caused by clogging of the drainage holes inside the gutter or accumulation of water. If you find any blockage or water accumulation, please contact Dongfeng Forthing Service Station in time.

Vehicle sealing strip

Seal is a rubber sealing part installed on the door or body of the vehicle, is one of the parts to ensure the waterproof sealing of the door, belongs to other parts.

The surface of the sealing strip should be cleaned in time during the use of the vehicle to avoid excessive wear caused by grit or hard particles on the sealing strip surface. If you find that the sealing strip surface is worn and damaged, please contact the Dongfeng Forthing special service station in time.

Internal maintenance

Carpet

Carpets should be vacuumed regularly to remove dust. Too much dust will damage the carpet quickly. Washing with detergent can keep the carpet clean as new.

Braid

Dust and dirt should be vacuumed off the woven fabric frequently. They can be washed with low-temperature neutral soapy water and then dried in the air.

Vinylon

Remove dust and dirt with a Hoover. Remove hard-to-remove stains by scrubbing the Vinalon with a soft cloth soaked in neutral soapy water, or use a spray or foam Vinalon cleaner.

leather

Always vacuum the leather to remove dust and dirt, especially on creases and seams. You can clean the leather with a soft cloth moistened with water and then dry it with another soft, dry cloth. If further cleaning is required, you can use a special soap for cleaning leather

Car Windows

Clean the inside and outside of the windows with glass detergent. Dry all glass and plastic surfaces with a soft cloth or paper towel.

Seat belts

If the seat belt becomes soiled, scrub it with a soft brush dipped in neutral warm soapy water. Do not use bleach, dyes or cleaning solvents; such items can reduce the durability of the seat belt. Do not use the seat belt until it is dry

Excessive dust build-up on the seat belt exit hitch can cause the seat belt to retract slowly. The inside of the hitch can be scrubbed with a clean, soft cloth moistened with mild, warm, soapy water or isopropyl alcohol. It is not recommended to disassemble the seat belt for cleaning, if you have to disassemble the seat belt for cleaning, please contact Dongfeng Forthing Service Station.

Air Freshener

If you need to use an air freshener or deodoriser in your car, it is recommended that you use a solid type. Some liquid air fresheners contain chemicals that can cause fibre breakage or discolouration of upholstery and fabrics.

If using liquid air fresheners, make sure they are properly secured to avoid spills while driving.

Corrosion protection

Salt, dirt and moisture tend to accumulate on the underside of the vehicle. Scratched paintwork or abrasion from stones, grit, etc. can cause the metal to lose its protection and become exposed, leading to rust. The usual measures to prevent rusting are:

1. Keep your vehicle clean.
2. Keep the garage dry.
3. Keep paint and decorations in good condition.
4. Perform regular maintenance on the vehicle.

Self-maintenance

After each trip, idle the engine for 1 to 3 minutes before switching off, so that the engine is fully cooled to extend the life of the engine. When the engine is first started, it will automatically warm up to lubricate the running parts of the engine, and the engine speed can be changed according to the driving needs after the water temperature is suitable. It is recommended to keep a gentle driving habit

Engine compartment

Open the engine hood



1. Pull the bonnet opening handle located under the instrument panel on the left side and the bonnet will pop up slightly.



2. Use your finger to move the engine hood to the left. The front safety lock lever and lift up the engine hood.

Close the bonnet



Lower the bonnet by hand to a height of about 30 cm from the closing position, then release it and let it fall freely to close the bonnet. After closing the bonnet, make sure that it is locked in place, if not, press firmly on the centre of the front end of the bonnet until it is fully closed. If not, press firmly on the centre of the front end of the bonnet until it is fully closed.



Always make sure that the bonnet is locked before driving.

Engine compartment layout

The pictures are for reference only, please refer to the actual vehicle.



1. Engine cooling circuit reservoir

2. Intercooler circuit fluid storage tank

3. Air filter

4. Brake fluid reservoir

5. Battery

6. Engine compartment fuse box

7. Engine

8. Oil filler cap

9. Glass washing liquid storage tank

Engine oil

Engine oil plays an important role in the operation and service life of the engine, to meet the Euro 6 emission regulations, especially with turbocharged direct injection engine, should choose a low ash and has to inhibit the performance of low-speed early combustion of special engine lubricants. If the oil is not selected properly and its performance cannot meet the corresponding technical requirements, it will cause different degrees of damage to the engine and reduce the service life of the exhaust gas aftertreatment system.

Please select the appropriate engine oil for your vehicle.

Model	Engine oil brand	Refilling volume
4C15TD	SN level and above 5W-30	First fill 4.3L Maintenance refill 4L

This vehicle does not require any oil additives. Can improve engine performance.



Note

Adverse effects on the engine caused by the use of additives

Dongfeng Liuzhou Motor Co., Ltd. will not be responsible for any consequences.

Take any responsibility.

Equipped with GPF (Gasoline Particulate Filter)

Technical requirements for lubricants for Euro VI vehicles

The main function of the GPF is to filter particulate matter from the exhaust, reducing the concentration and amount of particulate matter in the exhaust.

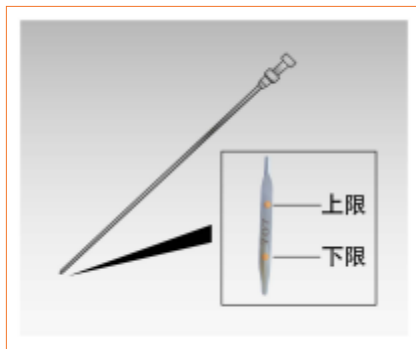
With the increase of use time, the particulate matter collected by GPF will be more and more, and accumulated to a certain extent will block the GPF particle trap, resulting in poor exhaust and affecting engine power.

lubricating oil in the process of participating in engine lubrication, there will be part of the combustion chamber is burned, and with the engine exhaust system into the three-way catalytic and GPF particulate trap and other emission treatment devices, due to the combustion of lubricating oil into the formation of ash into the metal salt substances, can not be removed through the regeneration, and gradually accumulated in the GPF, which leads to the GPF plugging!

The formation of ash and lubricant additives have a great relationship, in order to reduce the ash, the use of low ash and high-grade oil, Dongfeng Forthing special "Unified Petrochemical low ash SP 5W-30 (LA)" oil, low ash, can effectively reduce the GPF blockage, to ensure that the engine works properly and efficiently, and thus reduce maintenance costs

Engine oil level

Engine oil is a consumable that ensures normal engine operation, and engine oil levels should be checked regularly. For example, the engine oil level should be checked before each long trip. Park the vehicle on a level surface to warm up the engine, turn off the engine and wait for about 5 minutes before checking the engine oil level. The engine trim cover needs to be removed before checking.



1. Remove the oil dipstick.
2. Wipe the dipstick with a clean cloth or paper towel.
3. Insert the oil dipstick completely back into the sleeve.
4. Remove the dipstick again and check the engine oil level. The engine oil level must be between the upper and lower notch marks.



Warning

The engine oil level needs to be checked frequently. Insufficient engine oil can damage the engine, which is not covered by the warranty.

Engine oil filling



1. Unscrew the engine oil filler cap and fill Engine oil.
2. Replace the engine oil filler cap and tighten it. Preheat the engine, then shut it off. After about 5 minutes, Check the engine oil level on the dipstick again.

△warning

Engine oil should be poured in slowly to avoid spillage. If oil is spilled it should be cleaned up immediately to avoid damage to the engine. Add engine oil as required so that the level reaches near the upper limit to avoid damaging the engine.

Coolant

Coolant Check



Check to see if the coolant level is between the upper limit (MAX) and lower limit (MIN) marks; if it is below the lower limit mark, add coolant to the upper limit in the coolant reservoir.

Coolant Addition

Open the coolant reservoir cap to add coolant, and tighten the cap when finished. Different brands of coolant can not be mixed, otherwise it is easy to chemical reaction, affecting the service life of the engine, please use Dongfeng Forthing designated four-season antifreeze coolant. Please do not use antifreeze and water instead of four-season antifreeze coolant.

△warning

Opening the coolant reservoir cap when the engine is not completely cooled down may cause coolant to spray out, resulting in severe burns. Before opening the coolant reservoir cap, make sure that the engine and radiator are cooled.

Brake fluid

Brake fluid check



The level in the reservoir should be checked once a month. Look to see if the brake fluid level is between the upper (MAX) and lower (MIN) marks. If the level is at or below the MIN mark, check for leaks in the brake system and severely worn brake pads.

Brake fluid replacement

Brake fluid will absorb moisture in the air, excessive water content will cause corrosion damage to the braking system, the boiling point of the brake fluid will be significantly reduced, should be replaced in a timely manner in accordance with the requirements of the regular maintenance table brake fluid. If you need to replace the brake fluid, please contact Dongfeng Forthing authorized service station.

△Warning

- Be sure to use the brake fluid specified by Dongfeng Forthing or DOT4 sealed in a sealed container approved by Dongfeng Forthing Products of the same grade and different brake fluids cannot be mixed.

- Do not mix brake fluid with fluids containing mineral oil. (motor oil, gasoline, etc.), mineral oil will damage Damage to the seals and sealing plugs of the brake system.

- Brake fluid is toxic and should be kept out of the reach of children. If you accidentally swallow it, go to the hospital immediately. examine.

- Brake fluid is corrosive and is not allowed to come into contact with paint. Once spilled on the paint, use plenty of Water cleaning.

- Brake fluid can damage your skin if you accidentally If coolant splashes on the skin or eyes, a large amount of If you feel unwell, please go to the doctor immediately.

Hospital inspection.

Brake fluid maintenance and technical requirements

Brake fluid maintenance cycle is every 2 years or 40,000 kilometers replacement, cycle or kilometers to the first to prevail.

The technical requirements of brake fluid should be in accordance with the relevant national regulations.

Glass cleaning fluid



Check to see if there is a sufficient amount of wash solution in the wash solution reservoir.

When you use the wiper spray function and find that no water is sprayed, it means that the glass washer fluid is insufficient, so you can add the washer fluid appropriately.



Note

- A good quality glass washer fluid improves stain removal and prevents freezing in cold weather.

- Antifreeze can damage the vehicle's finish paint, and vinegar-water solvents can damage the glass washer pump. It is recommended that you use the glass washer fluid specified by DFL.

Air conditioning system

Air conditioning system maintenance

The vehicle's air conditioning system is a closed system, and it is recommended that you contact a DFL authorized service station for any important maintenance work (such as recharging the refrigerant). You can perform the following operations yourself to ensure that the air conditioning system works efficiently.

Regularly check the engine radiator and the air conditioning condenser to eliminate the accumulation of leaves, insects and dust on their front surfaces, which can obstruct airflow and thus reduce the cooling effect.



Note

- Condenser and radiator plates are extremely easy to bend and should only be cleaned with a low-pressure water gun or soft-bristle brush.

- When the weather is cold, the air conditioner should be turned on at least once a week for at least 5 minutes each time, and do so when the vehicle is running at a constant speed and the engine temperature is normal; this is to circulate the lubricant contained in the refrigerant.

- If the cooling effect of the air conditioning system decreases, contact a Dongfeng Forthing authorized service station.

- To overhaul the air conditioning system, you need to use a professional refrigerant recirculation system, which recovers the refrigerant for reuse; releasing the refrigerant into the atmosphere will pollute the environment. If you need to overhaul the air conditioning system, we recommend contacting a Dongfeng Forthing authorized service station.

Cabin filter

The air conditioning filter removes pollen and dust that the air conditioning system brings in from the outside.

This filter must be replaced every 20,000 kilometers during scheduled maintenance.

Replace the cabin air filter

The air conditioning filter is located in the air conditioning box below the passenger storage box.

1. Open the passenger compartment.
2. Remove the dust and pollen filter by squeezing the top and bottom of the filter to release the tabs on both sides.
3. Insert a new dust and pollen filter.
4. Close the passenger compartment.

Air filter



The air filter element should be changed at the time and mileage specified in the scheduled maintenance schedule. If the air filter is not installed correctly, airborne dust may enter and cause abnormal wear to the cylinder. If you need to replace the filter element, please contact a Dongfeng Forthing authorized service station.

Fuel Filter

The fuel filter should be changed at the time and mileage specified in the scheduled maintenance schedule. It is recommended that the fuel filter be changed every 3 years or 60,000 kilometers, or when fuel contamination is detected. If you drive in a dusty area, the filter may become clogged more easily, so please shorten the replacement interval appropriately. If you need to replace the fuel filter, please contact a Dongfeng Forthing authorized service station.

Fuel pipe ash filter

Check every 1 year or 20,000 kilometers and adjust or replace the ash filter if necessary if it becomes clogged. When driving in dusty areas, the ash filter is more likely to become clogged, so shorten the inspection/replacement intervals appropriately. If you need to replace the fuel line gray filter, please contact a Dongfeng Forthing authorized service station.

Battery



This vehicle is equipped with a maintenance-free battery. The battery is located on the left side of the engine compartment and is mainly used to provide electrical energy for starting the vehicle. If the battery is severely undercharged, the vehicle will not start.

Usage and precautions

Do not turn on the lights, stereo, windshield wipers and other electrical appliances for a long time after the vehicle is turned off.

If you need to park the car for more than five days, it is recommended to disconnect the negative terminal of the battery to prevent the electrical appliances in the car from draining the battery power.

The condition of the battery should be checked once a month. Check whether the terminals are corroded (white or yellowish powder). If there is any corrosion, please contact a Dongfeng Forthing authorized service station.

Emergency treatment of electrolyte contact

Battery electrolyte is strongly corrosive and highly toxic, if contacted inadvertently, please deal with it in the following way:

Eye contact: Flush with water in a cup or other container for at least 15 minutes and seek immediate medical attention.

Skin contact: Remove contaminated clothing, flush the skin with plenty of water and seek medical attention immediately.

Misuse of electrolytes: drink water or milk and seek immediate medical attention

1.

△警告

- During normal operation, the battery produces explosive hydrogen gas. A spark or open flame can cause the battery to explode with enough energy to cause serious injury.

- If you need to connect the battery to another charger, disconnect both the positive and negative cables to avoid damaging electrical equipment in the vehicle. The negative cable should be disconnected first, and when reconnecting, the negative cable needs to be connected last.

Tire

To drive your vehicle safely, tires must be the right type and size for your model with good condition tread and proper tire pressure.



注意

- Using tires that are excessively worn or under-inflated may cause an accident.
- All instructions regarding tire inflation and maintenance in this Owner's Manual must be followed.

Tire pressure label



A tire pressure label is attached to this vehicle. The label is located under the driver's side door frame and identifies the vehicle's front and rear wheel pressures and the spare tire pressure.

For tire pressure, the following points should be noted:

It is recommended to visually inspect your tires before each drive.

Check for normal tire pressure once a month.

Tire pressure should be measured when the tires are cold.

Tire pressure should be maintained at the cold tire pressure recommended on the driver's side door jamb tire pressure label.

If the tire pressure is checked when the tire is hot (after a few kilometers of driving), the pressure reading will be 30 to 40 kPa higher than the cold reading, this is normal, do not deflate the tire to achieve the required cold pressure reading, this will result in an under-pressurized tire.

Tire Pressure Monitoring System

The tire pressure monitoring system is used to dynamically monitor the pressure and temperature of the tires, and when the pressure of the tires is abnormal, a corresponding alarm message will appear on the combination instrument (see details).

When the tire pressure or other abnormalities occur, a corresponding alarm message will appear on the instrument (for details, see the "Tire Pressure Information" section in Chapter 3, "Instrumentation").

When using the Tire Pressure Monitoring System, there are the following points to note. 1:

- Keep the tire inflation pressure as close to the standard pressure as possible.
- There is no need to re-match the tire pressure sensor if the tire is not replaced due to tire repair or removal, and the original tire pressure sensor is not damaged due to tire installation or removal.
- When the vehicle is stationary, the tire pressure sensor does not send data outward, but sends data when the vehicle is running, so the tire pressure information displayed when the vehicle is stationary is that of the last movement of the vehicle. Therefore, after the tire is deflated or inflated, if you need to update the tire pressure data, you need to drive the vehicle to a speed of 40km/h or more and continue for 1 minute, the combination of instrumentation will be updated with the tire pressure and temperature data.
- When the tire position is changed and the tire pressure sensor position is changed, it is necessary to match the tire pressure again..

Tire inflation

Maintaining proper tire pressure provides the best of all three worlds: handling, tread life and ride comfort.

Under-inflated tires wear unevenly, affecting handling and increasing fuel consumption, which can lead to overheating and air leaks.

Over-inflated tires reduce ride comfort, are more susceptible to damage from uneven road surfaces, and lead to uneven tire wear.

Tire inspection

Every time you check the tire inflation status, you should also check the tires for any injuries, foreign objects or wear.

The specific inspections are as follows:

1. Damage or bulge on the tread or side. In either case, the tire should be replaced.
2. The tire side is scratched, cracked or broken. If the tire fabric or cord is visible, the tire should be replaced.
3. If the tread is excessively worn, the tire should be replaced.

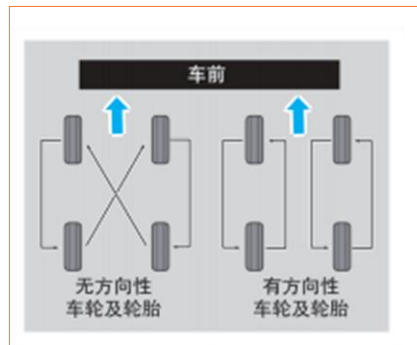


It is important to keep the tires in good condition and the surface tread should be of sufficient depth. The degree of tire wear can be measured using the raised points inside the tire's driving belt. If the tread thickness is ≤ 1.6 mm, the tire must be replaced; such tires lack traction when driving on wet roads.

Tire maintenance

In addition to proper inflation, correct wheel alignment can help reduce tread wear. If you notice uneven tire wear or feel some sort of continuous vibration while driving, please contact a Dongfeng Forthing authorized service station.

Tire rotation



In order to prolong the life of the tires and to make the tires wear evenly, the tire position should be changed every 10,000 kilometers. Each time a tire is repositioned, it should be done as shown in the diagram above.

Wheel and tire specifications

Rim specifications: 18×7J

Tire size: 235/60 R18

For the appropriate tire size for use on this vehicle, refer to the tire pressure label affixed to the driver's side door jamb, or contact a Dongfeng Forthing special service station.

Changing tires and wheels

Radial tires should be replaced with radial tires of the same size, load range, rated speed, and maximum cold tire air pressure (marked on the side of the tire). Mixing radial and bias tires reduces the vehicle's braking ability, drivability (ground adhesion), and steering accuracy. The use of tires of different sizes or configurations can cause the anti-lock (ABS) system to not work properly.

The ABS system works by comparing the rotation speed of the wheels, so when replacing tires, it is important to use tires that are the same size as the vehicle's original tires. Inconsistencies in tire size and construction can affect wheel rotation speeds and may result in an uncoordinated action of the system. It is best to replace all four tires at the same time, or in pairs with two front or rear tires. Replacing only one tire can seriously affect the handling of the vehicle.

If you need to replace a wheel, make sure that the specifications of the new wheel match those of the original wheel. Before replacing the wheels, contact a DFL authorized service station.

Winter tires

Due to the limited suitability of summer tires for winter use, it is recommended that winter tires be used on icy roads. Winter tires should be mounted on all four wheels at the same time to ensure safe driving. Only tires of the same brand and shape should be used. When purchasing, pay attention to the size, load capacity and speed rating of the tires. Follow the markings on the registration card to install winter tires.

If you choose winter tires with a lower speed rating, do not exceed the speed rating of the tires when driving.

Snow chains

Snow chains should only be used in emergencies or when driving through specific areas that are legally defined.

Snow chains should be installed on at least two driving wheels at the same time, it is forbidden to install chains on only one of the front or rear wheels, do not install chains on the left two wheels or the right two wheels unilaterally. Please follow the instructions of the anti-skid chain manufacturer for specific installation precautions. The suggestions provided in this manual are for reference only, and the actual installation is subject to the results of communication between the vehicle owner and the anti-skid chain manufacturer.

After installing the anti-skid chain, the vehicle's maneuverability is poor, you should drive at a low speed, avoid full load, and choose the anti-skid chain that matches the vehicle's tires. Please read the parts assembly diagram and other instructions of the anti-skid chain manufacturer carefully.

Emission Control

Exhaust Emission Systems

The exhaust emission control system is a highly efficient system for controlling exhaust emissions while maintaining good vehicle performance.

It is forbidden to modify the exhaust emission control system of the vehicle in any way, as this may affect the maneuverability, safety and stability of the vehicle, and may even violate the corresponding regulations.

In addition, the warranty does not cover damage to the vehicle or performance failures if they are caused by modifications to the exhaust emission control system.

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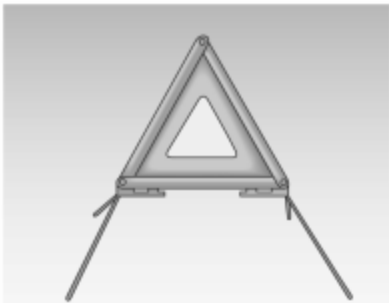
Hazard warning devices

Hazard warning lights



Press the hazard warning switch above the air conditioning control panel to turn on the hazard warning lights. At this time, all turn signals outside the vehicle and the turn and hazard signal indicators on the combination instrument will flash, which can alert pedestrians and passing vehicles that the vehicle is in an abnormal state..

Warning triangle



When a vehicle accident occurs on the way, you should try to stop on the right, take out the warning triangle from the luggage compartment, put the reflector back to the vehicle and stand in the position of 100 to 200 meters directly behind the vehicle to remind the rear of the oncoming traffic.

Vehicle tools and reflective vest



1. Warning triangle
2. Jack
3. Wheel nut wrench
4. Towing hook
5. Wheel nut cover clip
6. Reflective vest

The accompanying tools are stored in the carded foam directly above the spare tire. Reflective vest are placed in the passenger compartment

Tire replacement

Preparation before replacement

Park your vehicle on a level surface that is out of the way of traffic and where it is easy to safely change the wheels. Before changing the tire, turn on the vehicle hazard warning lights and place a warning triangle at a suitable distance to avoid a traffic accident.

Remove the tools from the foam compartment in the lower compartment of the luggage compartment.

Replace the spare tire

Remove the spare tire



Unscrew the central bolt that secures the spare wheel and remove it from the spare wheel well.

Remove the spare wheel from inside.

Lifting vehicles



Before jacking the vehicle, place a piece of plug wood in front of and behind the wheel that is diagonally opposite the tire to be replaced, and then use a wrench to loosen the nut of the wheel you are replacing by half a turn.

Place the jack at the pivot point next to the wheel to be replaced and jack up the vehicle.



Note

Do not jack up in any position other than where specified. If jacked up incorrectly, body dents may occur or cause an accident if the body is dropped.

Replace the spare tire



Remove the wheel nut cover clips from the mounting foam. Use the wheel nut cover clip to remove the nut decorative cover.



Remove the wheel nuts with a wheel nut wrench and then remove the tire. Clean the sludge from the surface of the wheel, then install the spare tire. Tighten the wheel nuts in a crisscross sequence as shown until the wheel is tight against the brake hub, lower the vehicle to the ground and remove the jack. Tighten the wheel nuts in the same crisscross pattern. Then install the nut trim cover using the wheel nut cover clamp. Use the specified torque when tightening the wheel nuts.

Secure the replaced tire

Fix the replaced tire to the original spare tire location



注意

- Check the air pressure of the spare tire frequently to keep it within the prescribed range for emergency use at all times. When the spare tire has not been used for many years, please contact a Dongfeng Forthing authorized service station to ensure that your spare tire can still be used safely.
- The spare tire should only be used in an emergency and is not allowed to be used for a long period of time.
- The spare tire is not allowed to be mounted on the steering wheel (i.e., front wheel). If the steering wheel needs to be replaced, the spare tire should be replaced on the rear wheel first, and then the replaced wheel should be mounted on the steering wheel.

Replace the light bulb

Replacing a bulb usually requires the removal of certain vehicle components, so specialized skills are required to perform the operation, otherwise the lampshade may be damaged. For replacement, please contact a Dongfeng Forthing authorized service station.

Bulb Specifications

name	Specification
Low beam	HB3
High beam	H7
Front position lights	led
Front turn signal	led
Daytime running lights	led
Rear position lights	led
Rear turn signal	WY16W
Brake lights	led
High mounted brake light	led
Reversing lights	led
Rear fog lamp	P21W
License plate light	W5W

Headlight calibration

When a new car leaves the factory, the headlights are already calibrated. If you often carry heavy items in a suitcase,

The lights may need to be recalibrated. To calibrate your headlights, Please contact Dongfeng Forthing authorized service station.

FAQ

Why does the headlight glass sometimes appear "up"? Fog phenomenon?

Generally, the fog in the headlights is observed This is because the water in the lamp body evaporates and encounters temperature

At lower levels, it condenses, which is normal. The fog will eventually dissipated.

Luggage compartment light	led
Front interior lights	led
Rear interior lights	led

The method to eliminate fog is as follows: After the low beam is on for a while, the headlights The fog in the effective area can be dissipated.



注意

- When the headlights are turned on, the surface temperature of the headlights is very high. If the headlights are too hot, please do not touch the surface of the lamp directly to avoid burns;
- To avoid damaging the lights, do not use aggressive cleaning methods. If you use abrasives or chemical solvents to clean the headlights, please do not use a hard cloth to wipe or use sharp objects on the lampshade when it is dry. Items to clean lampshade.

Replacing wiper blades

Front wiper blade replacement



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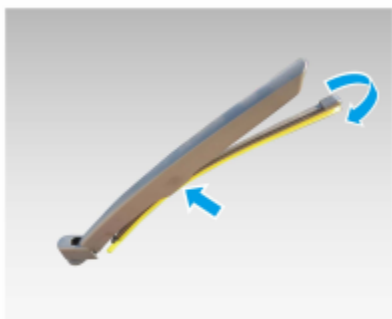
1. Pull up the wiper arm and press the wiper blade release button.



2. Pull out the wiper blade along the direction of the wiper bar opening. Remove the wiper blades.

3. Replace the wiper blades with new ones in reverse order. Make sure the wiper blade is correctly installed.

Rear wiper blade replacement



Check for worn or broken rear wiper blades. Replace the rear wiper blades if needed:

1. Pull the rear wiper blade away from the rear windshield.
2. Pull the rear wiper blade off the rear wiper arm.
3. Insert the new rear wiper blade and push it into place.
4. Fold the rear wiper arm back onto the rear windshield.



注意

Do not open the engine compartment cover while the wiper arm is pulled up, as this could damage the engine compartment cover and wiper arm.

Replace the fuse

Fuse Box Location

Engine compartment fuse box



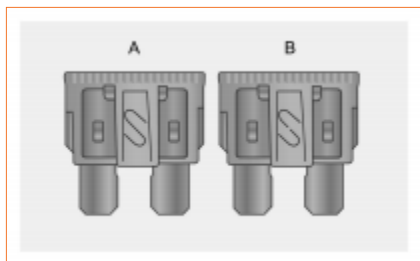
The engine compartment fuse box is located on the left front side of the engine compartment. Remove the clips on the left and right sides of the fuse box and open the cover to view the fuses.

Indoor fuse box



The interior fuse box is located in the lower left corner on the driver's side, remove the cover to view the fuses.

Check the fuse



A: Normal

B: Fuse blown

If the fuse blows again within a certain period of time, it indicates that the vehicle may have a serious

If there is a serious electrical failure, please contact Dongfeng as soon as possible.

Forthing authorized service station.

Fuses protect vehicle electrical equipment by preventing overloading of appliances in the circuit. A blown fuse indicates that the circuit it protects has failed and stopped working. If you suspect a fuse is defective, you can use a fuse puller to remove it and see if it is blown.

Replacement fuse



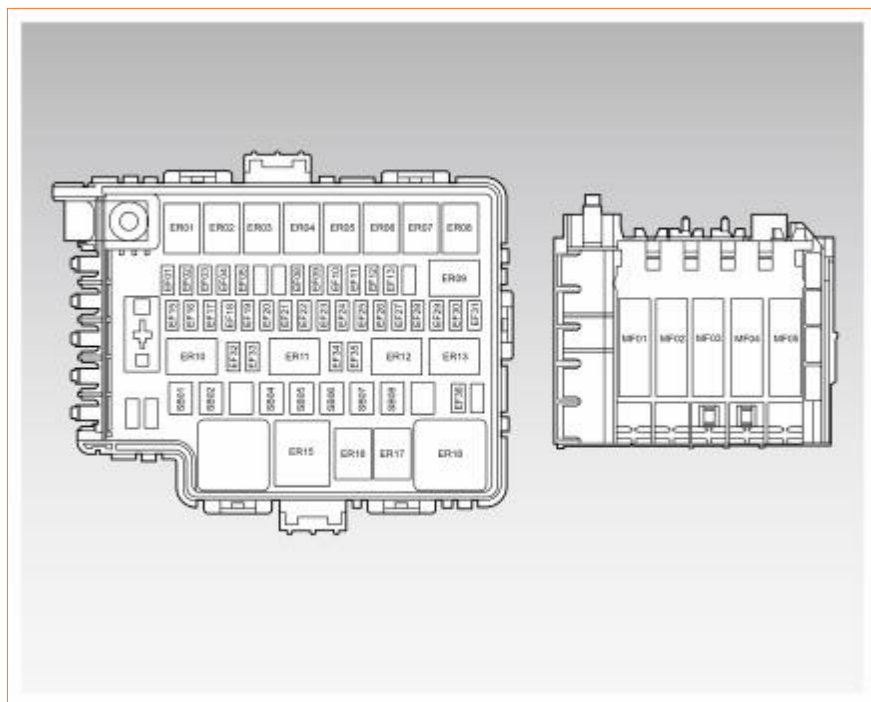
There is a fuse puller in the engine compartment fuse box. Use the puller to pull the fuse straight out of the fuse box.

If the fuse has not blown, there must be some other reason for the malfunction, so please contact a Dongfeng Forthing authorized service station as soon as possible.

Locate the blown wire in the fuse. If the fuse is blown, replace it with a spare fuse of the same or lower amperage. If you use a spare fuse with a lower amperage value and it blows again, it should be replaced with a fuse of the same rating.

If a replacement fuse of the same rating blows again within a short period of time, this indicates that the vehicle may have a serious electrical problem, so please contact a Dongfeng Forthing authorized service station as soon as possible.

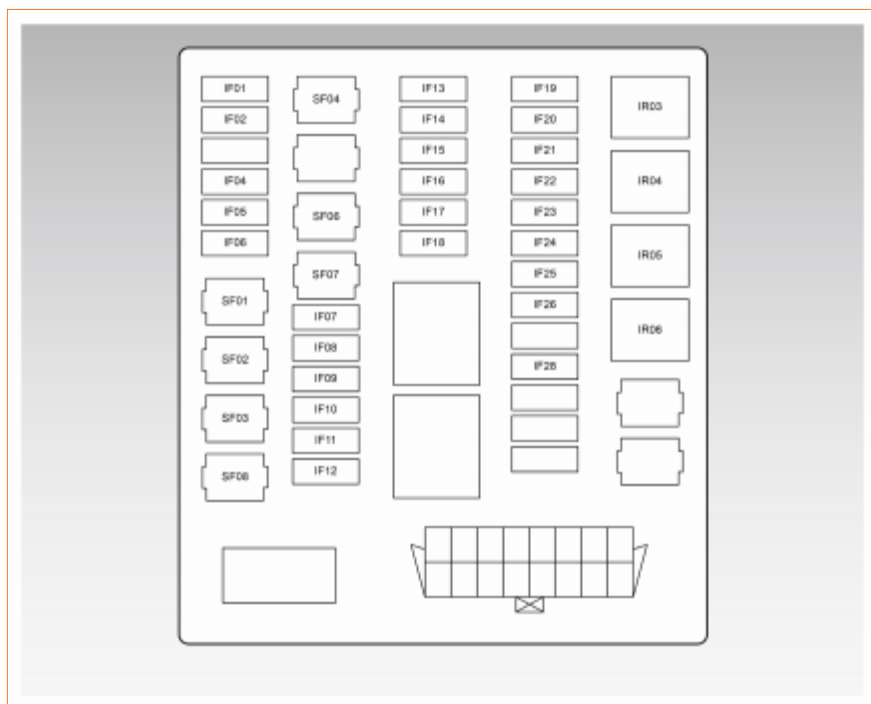
Engine compartment fuse box layout



Serial number	Name	Rated current (ampere)	illustrate
EF01	EFI relay fuse	7.5A	-
EF02	Ignition coil fuse	15A	-
EF03	EFI actuator fuse	15A	-
EF04	EFI sensor fuse	10A	-
EF08	Fuel pump fuse	15A	-
EF09	Electric power steering EPS fuse	5A	-
EF10	Brake switch fuse	5A	-
EF11	EMS&VVL Fuses	10A	-
EF12	Reverse switch fuse	7.5A	-
EF13	Blower Coil Fuse	5A	-
EF15	TCU BAT+ Fuse	5A	-
EF16	EMS BAT+ Fuse	10A	-
EF17	Generator ALT fuse *	7.5A	-

Serial number	Name	Rated current (ampere)	illustrate
EF18	B+ Power fuse *	5A	-
EF19	TCU BAT+ Fuse	25A	-
EF20	TCU BAT+ Fuse	25A	-
EF21	Vacuum pump fuse	25A	-
EF22	Relay coil fuse	5A	-
EF23	TCU BAT+ Fuse	25A	-
EF24	Wiper intermittent fuse	20A	-
EF26	Speaker fuse	15A	-
EF27	Reverse light fuse	5A	-
EF28	DTC Water Pump Fuse	5A	-
EF29	Brake light fuse	7.5A	-
EF30	Compressor fuse	10A	-
EF31	ESC/ABS SOL BAT+ Fuse *	25A	-
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	ESC/ABS MTR BAT+ Fuse	40A/60A	-
SB02	Front blower fuse	40A	-
SB05	High speed fan fuse	40A	-
SB06	ESC/ABSSOL BAT+ Fuse	40A	-
SB07	Start fuse	25A	-
SB08	Low speed fan fuse	30A	-
MF01	Battery positive fuse	125A	-
MF02	Electric power steering fuse	60A	-
MF03	Electronic fan controller fuse *	50A/60A/80A	-
MF04	Instrument fuse box fuse	50A	-
MF05	Instrument fuse box fuse	50A	-

Indoor fuse box layout



Serial number	Name	Rated current (ampere)	illustrate
IF01	Start button fuse	5A	-
IF02	ESCL fuses	10A	-
IF04	Diagnostic fuse	10A	-
IF05	Outdoor Light Fuse	20A	-
IF06	Instrument cluster fuse	10A	-
IF07	Indoor ceiling light fuse	10A	-
IF08	Skylight fuse	20A	-
IF10	Head unit fuse	15A	-
IF11	Air conditioning controller fuse	10A	-
IF12	Front washer fuse	10A	-
IF13	Airbag fuse	10A	-
IF14	Air conditioning controller fuse	7.5A	-
IF15	Instrument cluster fuse	7.5A	-
IF16	Engine room IGN1 fuse	15A	-

Serial number	Name	Rated current (ampere)	illustrate
IF17	Ceiling IGN2 fuse	7.5A	-
IF18	Instrument IGN2 fuse	7.5A	-
IF19	Backlight fuse	5A	-
IF20	Right front left rear position light fuse	5A	-
IF21	Left front and right rear position light fuse	5A	-
IF22	VSP fuse *	5A	-
IF23	12V power fuse	15A/25A	-
IF24	USB power fuse	10A/25A	-
IF25	Instrument ACC fuse	7.5A	-
IF26	Blower feedback fuse	5A	-
IF28	Air conditioning controller fuse	7.5A	-
SF01	Ignition switch fuse	30A/60A	-
SF02	Door lock fuse	20A	-
SF03	Left door control module fuse	30A	-
SF04	Right door control module fuse	30A	-
SF06	Rear defrost fuse	25A	-
SF07	B+ Power fuse *	30A	-
SF08	Front and rear wiper fuse	20A	-

Vehicle traction

Front towing point



Rear towing point



If the vehicle requires towing, contact a professional vehicle towing service or organization. Do not tow a vehicle using only ropes or chains.

Traction method

Tablet device

Vehicles can be loaded on trucks. This is the best way to transport your vehicle.

Wheel lift device

Towing a vehicle with two pivot arms inserted into the bottom of the vehicle's front wheels to hold the wheels off the ground with the rear wheels still on the ground is a viable method of towing a vehicle.

Towing precautions

When using lifted-wheel towing, it is best not to tow more than 50 kilometers and to keep the speed 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, it can cause serious damage.

Special care should be taken when installing the towing cable to avoid damage to the bodywork from the steel cable.

For all-wheel-on-the-ground towing, a properly designed unit with a tow bar must be used. Place the starter switch in "ACC" to unlock the steering wheel and put the gearshift lever into neutral.

If it is not possible to shift gears or start the vehicle, only front-wheel off-the-ground towing may be used.

Jump start



If the vehicle cannot be started due to a low battery, it can be started using jumper cables with the aid of the battery in another vehicle. Jumper cables are dangerous and should be handled with care

Procedure

1. With the shift lever in neutral, pull up the EPB switch and turn off the starter switch.
2. Use jumper cables to connect the positive and negative terminals of the batteries of the two vehicles respectively, and the two vehicles must not be in contact.
3. Start the vehicle and idle it for a few minutes. 4.
4. After successful crossover start, remove the negative battery cable of both vehicles first, and then remove the positive cable.

△警告

When jumper starting with an auxiliary cable from another vehicle, the correct procedure must be carried out in accordance with the operating instructions. Incorrect procedures may result in fire, explosion or damage to the vehicle.

Engine overheating

After the vehicle has been driven for a period of time, the water temperature gauge indication should stabilize at the middle scale position. If the water temperature indicator points to the red mark, the high coolant temperature warning light comes on, and steam comes out from under the engine compartment cover, turn off the engine immediately by turning off the starter switch.

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Countermeasures

1. Drive the vehicle safely to the side of the road with the shift lever in neutral and the EPB switch pulled upward. Turn off all electrical switches and turn on the hazard warning lights.
2. With the engine running steadily, open the engine compartment cover to ventilate the engine compartment and verify that the radiator fan is spinning. If the fan does not rotate, turn off the engine immediately and contact a Dongfeng Forthing authorized service station as soon as possible.
3. Turn off the starter switch after the coolant temperature has dropped to a normal temperature.
4. Check the coolant level in the reservoir. If the reservoir tank is empty, be sure to wait until the engine has cooled down before opening the reservoir tank cover. Otherwise, hot steam or boiling water may spray from the filler neck causing burns.
5. Add coolant to the reservoir as necessary. Adding coolant immediately when the engine is hot may crack the cylinder head or cylinder block, so add coolant slowly while the engine is running. The operation of adding coolant requires a high degree of specialization, so it is recommended that you contact a Dongfeng Forthing authorized service station.
6. Check the radiator hose for coolant leakage. If the level drops, add coolant to the upper limit (MAX) mark, then install and tighten the reservoir cap.

3. Pull up the parking brake switch. Put the car in R gear and block the rear wheels with an obstacle.

4. If the vehicle needs to be parked for a long time, Use a jack stand to prop up the car body so that the tires Get off the ground.

5. Disconnect the negative battery terminal.

6. Place a towel or cloth over the wiper blades to

No contact with the front windshield.

7. To reduce sticking,

Spray silicone lubricant on the box seals and on the doors and The paint surface where the trunk seal contacts the body wax.

8. Use a porous material such as cotton. The car body is covered with a breathable covering made of plastic sheeting. Non-porous materials can trap moisture and damage your car's paint.

9. If possible, start the vehicle briefly and periodically to cool it down. The fan runs twice.



Note

If the vehicle has been parked for a year or more, the vehicle may not start or the maneuverability may deteriorate, in which case you should contact a Dongfeng Forthing authorized service station as soon as possible.

△Warning

Do not open the engine compartment cover if steam is escaping. Contact with steam and spray coming from an overheated engine can cause severe burns. Always wait for the engine and radiator to cool before opening the engine compartment cover.

Long-term parking

If you need to park your vehicle for a long period of time, you should take the following measures. measures listed below. Appropriate measures will prevent deterioration of the condition of the vehicle and make it easier to restart the vehicle. It is recommended that the vehicle be parked indoors. It is recommended that the vehicle be parked indoors.

1. Add fuel, change engine oil and filter.
2. Clean the interior of the vehicle and make sure the carpets, floor mats, etc. are completely dry.

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Vehicle Information

Vehicle identification information

There are several VIN numbers on your vehicle (VIN code), which are located in different positions.



1. Engraved on the crossbar below the passenger seat

You can see it by lifting the gap in the carpet.



2. Stick it on the right side of the front windshield.

3. Paste on the instrument panel assembly.

4. Stick it on the inside of the storage box.

5. Paste on the right B-pillar inner panel.

6. Paste on the right front A-pillar inner panel.

7. Paste to the front engine hood inner panel.

8. Paste on the inner panel of the back door.

9. Paste on the transmission assembly.



The above vehicle identification code reading tools are not equipped with the vehicle, if you need to purchase, please contact the Dongfeng Forthing special service station.

Vehicle factory nameplate



Use the OBD II scan tool to read the vehicle VIN code information through the OBD diagnostic port.

The vehicle's factory data plate contains the following information:

1. Country of production
2. Manufacturer
3. Brand Name
4. Vehicle Identification Number
5. Vehicle model
6. Engine model
7. Maximum net engine power
8. Year of manufacture
9. Engine displacement
10. Maximum allowable total mass
11. Number of passengers

Engine number

4C15TD Engine number engraving location



Safety warning signs

Battery warning label



The battery warning label is attached to the surface of the battery. Batteries should be kept away from heat sources and open flames, and ventilation should be maintained during charging and use to prevent accidents.

Radiator warning label and air conditioning refrigerant label



The radiator warning label and the air conditioning refrigerant label are affixed to the inside of the engine compartment cover. 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 start at any time.

The dangers of carbon monoxide poisoning

Carbon monoxide gas is poisonous and inhalation of the gas can seriously threaten a person's life. If the vehicle is properly maintained, carbon monoxide from vehicle exhaust will not enter the vehicle under normal driving conditions.

The exhaust system should be checked for leaks in the following situations:

1. the vehicle has been lifted for an oil change or other reason.
2. an abnormal exhaust sound is detected.
3. the underbody has been damaged in an accident. When the rear back door is opened, the airflow can carry the exhaust gases into the vehicle, causing excessive carbon monoxide. If you need to start the vehicle when the back door is open, open all the windows and turn on the air conditioner for ventilation.

Microwave Window



The microwave window of the vehicle is located in the horizontal center and vertical up position of the front windshield.

The vehicle's electronic logo should be mounted in the center-left position of the microwave window and should not be obstructed by the interior mirror mounting bracket, sensor bracket, etc. The logo stores information about the vehicle.



注意

- Keep the front windshield clean and dry.
- Do not put film or metal materials on the microwave windows to ensure standardized installation of the vehicle electronic labeling and effective reading of the data.
- Do not cover, squeeze or dismantle the vehicle electronic sign! If the mark is damaged, please re-apply for it in time at the marking issuing organization.

Main dimensions of the vehicle

Project	unit	LZ6460X15B2
Vehicle Length	mm	4565
Vehicle width	mm	1860
Vehicle height	mm	1690
Front wheel track	mm	1590
Rear wheel track	mm	1595
Wheelbase	mm	2715

Vehicle quality parameters

Project	Unit	LZ6460X15B2
Number of passengers	people	5
Curb Weight	kg	1550
Front axle curb weight	kg	905
Rear axle curb weight	kg	645
Maximum quality	kg	1925
Maximum front axle mass	kg	1013
Maximum rear axle mass	kg	912

Engine parameters

Project	Unit	LZ6460X15B2
Engine Model	-	4C15TD
Type	-	Inline four-cylinder, turbocharged direct injection
Displacement	L	1.5
Bore × Stroke	mm	75×84.48
Compression ratio	-	9.7
Rated Power	kW/rpm	140/5500
Maximum Net Power	kW/rpm	125/5500
Maximum Net Torque	Nm/rpm	280/1500 ~ 3500
Firing order	-	1-3-4-2
Overall emission levels	-	Euro VI b

Chassis main assembly

project		LZ6460X15B2
Transmission type		6MT
Suspension system	Front suspension	McPherson independent suspension + anti-roll bar
	Rear Suspension	Multi-link independent rear suspension
Steering system	Support form	Electric power steering
Braking system	Structural type	X-type hydraulic dual circuit, vacuum booster
	Front brake	Caliper disc brake, ventilated disc
	Rear brake	Caliper disc brake, solid disc
	Brake pedal free travel	1 mm ~ 12mm

Reasonable use range of brakes

Project		LZ6460X15B2
Front wheel brake disc	Setting value(mm)	25
	Use limit (mm)	23
Front wheel friction plate	Setting value(mm)	12
	Use limit (mm)	2
Rear brake disc	Setting value(mm)	12
	Use limit (mm)	10
Rear wheel friction plate	Setting value(mm)	10
	Use limit (mm)	2
Parking shoe	Setting value(mm)	/
	Use limit (mm)	/

Vehicle dynamics

Project	Unit	LZ6460X15B2
Maximum speed	km/h	175
Maximum climbing grade	%	30

Vehicle passability

Project	Unit	LZ6460X15B2
Approach angle (no load)	°	17
Departure angle (no load)	°	26
Longitudinal breakover angle (no load)	°	17
Minimum turning diameter	m	11.8
Minimum ground clearance	mm	165±16

Oil list

Project	Specification	Filling amount
gasoline	92# and above	55L
Engine oil (4C15TD)	SN grade and above 5W-30	The first filling is 4.3L, and the maintenance filling is 4L
Engine coolant (4C15TD)	OAT-35	9±0.5L (engine circuit)
Intercooler circuit coolant	OAT-35	5±0.5L (intercooler circuit)
MT Transmission Fluid	75W-90	2.2L
Brake fluid	DOT3 or DOT4	0.6L ~ 0.8L
Windshield washer fluid	NFC-60	2L
Air conditioning refrigerant	HFC-134a	470±20g

Comprehensive fuel consumption

Project	Unit	LZ6460X15B2
Fuel consumption	L/100km	7.3

※ Note: The fuel consumption value is measured according to ECE UN-R101 "Light-duty vehicle fuel consumption test method".

Wheel alignment parameters

Project		LZ6460X15B2
Wheel toe angle	Front wheel	$0.08^{\circ} \pm 0.04^{\circ}$
	rear wheel	$0.08^{\circ} \pm 0.08^{\circ}$
Camber	Front wheel	$-0.3^{\circ} \pm 0.5^{\circ}$
	rear wheel	$-0.86^{\circ} \pm 0.5^{\circ}$
Caster Angle	Front wheel	$6.01^{\circ} \pm 0.5^{\circ}$
Kingpin inclination angle	Front wheel	$13.29^{\circ} \pm 0.5^{\circ}$

Tire specifications

Project	LZ6460X15B2
Tire specifications	235/60 R18
Rim specifications	18×7J
Tire pressure (unladen)	230kPa
Tire pressure (fully loaded)	230kPa
Spare tire specifications	T155/90 R17
Spare tire pressure	420kPa

Emission requirements

Specify emission maintenance technical requirements

Engine ECU

Operation of the engine ECU is subject to the following requirements:

1. Connect the ECU to the wiring harness connector, always making sure that the power supply to the system is disconnected, i.e., the ignition switch is powered off. Do not plug or unplug the ECU with the ignition switch on, and avoid touching the ECU pins or exposed parts of the ECU wiring harness with any part of your body while the power is on.
 2. Sparks caused by static electricity may cause damage to the ECU, and contact between the ECU and static electricity should be avoided as much as possible.
 3. Do not subject the ECU to voltages exceeding 16V.
 4. Do not reverse the ECU voltage polarity.
 5. Do not use an ECU that has physical damage to its appearance; the surface of the ECU's casing must not be scratched or coated with any unapproved materials, and it is not permitted to spray paint or other insulating liquids on the ECU's pins.
 6. No tool or object shall be used to knock any part of the ECU.
 7. Electromagnetic fields and sources of radio frequency interference should be avoided in close proximity to the ECU.
 8. Ensure that the ECU is effectively secured and grounded at the time of installation.
 9. Avoid burning the ECU when servicing the vehicle with welding, if possible remove the ECU from power supply and keep it away from welding.
- If possible, remove the ECU from the power supply and keep it away from welding.
10. When the battery is connected to an external power supply, the electrodes should be kept firmly in contact with each other.

The oxygen sensor will fail if the following conditions occur: effect:

1. The oxygen sensor electrical connector is damaged.
2. The zirconium element inside the oxygen sensor is broken or damaged. bad.
3. The zirconium element inside the oxygen sensor is broken or damaged. bad.
4. The oxygen sensor heating element circuit is open or shorted road.
5. The oxygen sensor sensing element circuit is open or shorted road.
6. The oxygen sensor thermistor is shorted to the case.
7. The oxygen sensor heating element circuit is shorted to the housing. road.

Notes on using oxygen sensors:

1. Do not drop the oxygen sensor or allow it to contact with hard objects. Avoid impact with the surface to avoid damaging the ceramic element or heating element.
2. After installing the oxygen sensor, avoid The engine applies a large impact force and damages the oxygen sensor.
3. Avoid carbon deposits, engine oil, lead, etc. Organic matter contaminates the sensor, causing the sensor to output a signal Inaccurate.

Oxygen Sensor

When the engine is working and the air-fuel ratio increases, the concentration of oxygen in the exhaust will increase, at this time, the output voltage of the oxygen sensor is close to 0 V. When the air-fuel ratio decreases, the concentration of oxygen in the exhaust will decrease, and the output voltage of the sensor will be close to 1 V. There is no need to carry out any adjustments or repairs to the engine's oxygen sensor.

Emission control key components information

Vehicle type approval certificate information, manufacturer, model and effective service life of key emission control components, etc.

Model	LZ6460X15B2			
Emission control key Parts Name	Engine ECU	Oxygen Sensor	Three-way catalytic converter	Catalytic converter assembly
Emission control key Parts Model	MG1US008	LSU/LSF4	M4-1205030	M4-1205031
Manufacturer	United Automotive Electronics Co., Ltd.		Kunming Guiyan Catalyst Co., Ltd. Limited Liability Company	Liuzhou Mingshi Automobile Technology Co., Ltd.
Effective service life	Five years or 100,000 kilometers			