



# T5L 使用手册

## T5L User Manual

英语  
English  
手动挡

## foreword

Dear user:

Congratulations on owning a Fengxing T5L vehicle and thank you for your confidence in the Dongfeng Forthing brand. This manual presents information on safe driving, equipment operation and maintenance of the Forthing T5L vehicle, which will help you use your vehicle properly and make you really feel the driving pleasure that the Forthing T5L provides.

The table of contents and vehicle illustrations in this manual make it easy for you to quickly get to know your vehicle. The following nine chapters provide detailed information on the use of the vehicle's facilities. Before using your vehicle, please read the enclosed documentation carefully. The information provided in this documentation is very important for the safety of your vehicle and your property and must be strictly observed and kept in a safe place.

- As you read this manual, you will notice that it bears the labels "CAUTION", "WARNING", etc., as well as its instructions. These instructions are for the safety of persons, vehicles and property and must be strictly observed.

- The graphics and text in this manual are intended only to convey information on the use of the main functions and facilities of the vehicle and cannot be used as a basis for product acceptance. In case of discrepancy with the actual vehicle, the actual vehicle shall prevail.

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

- Technical update note: Telematics and electronic technology products are update quickly, to ensure the user experience, update in time.

You are welcome to visit our website if you need information about Forthing T5L car:  
<https://www.forthingmotor.com/> (official website)

Wish you a safe trip.

Dongfeng Liuzhou Motor Co.

July 2024

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Note: The cover of this brochure and the images are for reference only, the actual vehicle will prevail.

## Configuration

### \* :: Asterisks

An asterisk "\*" after the title or name indicates that the device or feature described is only available on certain models and may not be available on the vehicle you are purchasing.


### Safety instructions

Safety signs: Placed on vehicles.

Safety instructions - labeled with the hazard warning symbol and the words "DANGER", "WARNING" or "CAUTION" meaning:

 **Danger** Used to indicate a hazard that can cause significant personal injury or death.

 **WARNING** Used to indicate hazards that may cause personal injury or other damage.

 **CAUTION** Used to indicate hazards that may cause minor personal injury or damage to the vehicle.

## Data Security Statement

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

When transferring, scrapping or exchanging a used vehicle, it is recommended that you clear your sensitive personal data in time, and you can also contact a Dongfeng Forthing Service Station for data clearing channels and methods.

# Directory

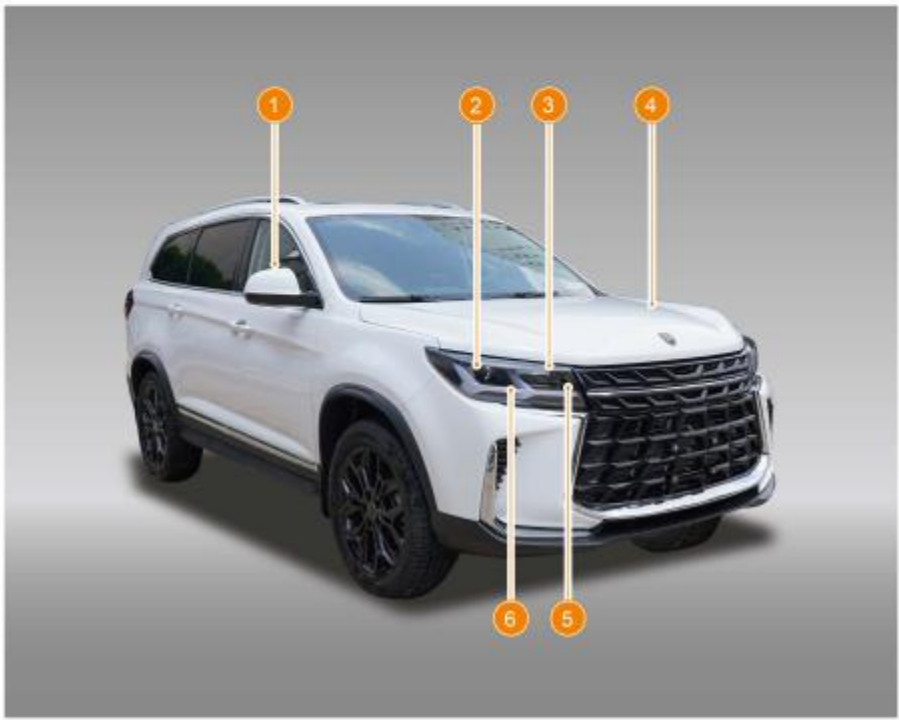
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## Vehicle diagrams

### Front of vehicle



1. Exterior mirrors
2. Headlamps (integrated high and low beams)
3. Daytime running lights

4. Engine compartment cover
5. Front turn signals
6. Front position lights

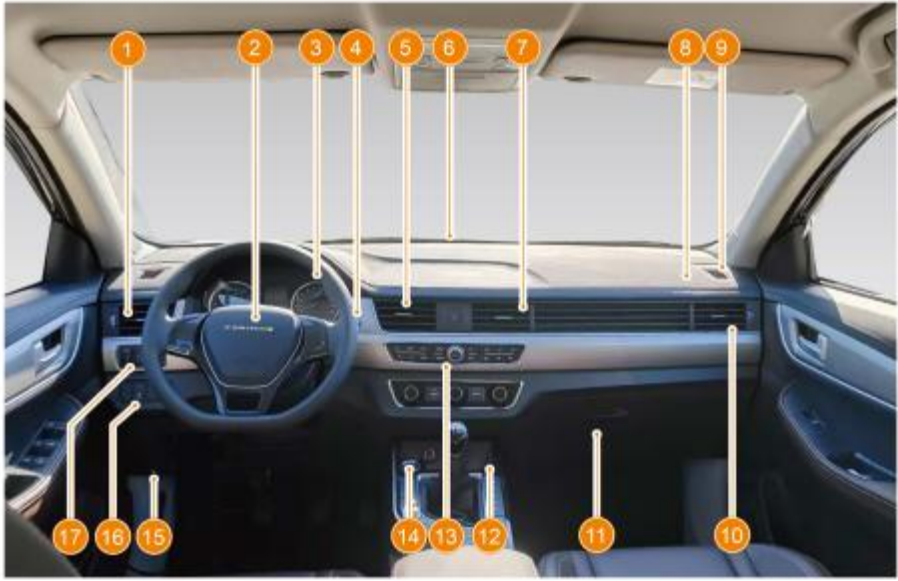
## Rear of vehicle



- 1. Brake lights
- 2. Reversing lights
- 3. High brake lights
- 4. Turn signals

- 5. Response reflectors
- 6. Rear fog lights
- 7. License lamps
- 8. Rear position lights

## Cabin



- |   |  |
|---|--|
| 1. Left side ventilation grids                  | 10. Right side ventilation grills          |
| 2. Steering wheel                               | 11. Lockers                                |
| 3. Combined instrumentation                     | 12. Storage boxes                          |
| 4. Windshield wiper levers                      | 13. Central switch                         |
| 5. left center front air outlet                 | 14. Activation of the switches             |
| 6. front defrost and defrost air outlet         | 15. Fuel cap opening lever                 |
| 7. ventilation grille of the right central face | 16. ESP OFF switch                         |
| 8. passenger airbag                             | 17. Mirror and headlamp adjustment switch. |
| 9. Lateral defrosts                             |  |



## Combined instrument Indication



- |                 |                                |
|-----------------|--------------------------------|
| 1. Tachometer   | 5. Screens                     |
| 2. Fuel gauge   | 6. Water temperature indicator |
| 3. Speedometer  | 7. Switching keys              |
| 4. Zero/Set key |                                |

## Needle indicator

### RPM indicator



The tachometer shows the number of revolutions per minute of the engine ( $\times 1000\text{r/min}$ ). To avoid engine damage, do not drive at revolutions in the red numbered area.

### speedometer



The speedometer displays the current speed (km/h) of the vehicle. The indicated speed may differ from the actual speed due to factors such as tire pressure, road conditions and weather.

## Fuel and water temperature indicator



### Fuel gauge

### Water temperature indicator

The fuel gauge shows the fuel level in the tank. It is shown as a scale bar on the message center display. The indication may deviate slightly from the actual fuel level when cornering or driving over rough terrain. If the fuel level is low, the low fuel gauge will show the actual fuel level.

The water temperature indicator is shown as a scale bar on the information center display. When the temperature approaches H, the engine coolant temperature has risen, and when the temperature exceeds  $115^{\circ}\text{C}$ , the water temperature warning light. Shut down the engine and contact a DFL service station as soon as possible.



Avoid driving with a low fuel level. Driving the car until it runs out of fuel can cause the engine to stall and damage the fuel pump.

## Analog clocks



1. Gear indicator
2. Indication of the average consumption of fuel
3. Odometer
4. Door-open reminder and door-open mode display of tire pressure

The information center is located at the combined instrument, the tachometer and the car between the speedometers.

### Gear indicator

The gear shown is not the gear current gear, but rather the pulsed gear. Recommended gear.

### Door open reminder e tire pressure gauge

Door open reminder: any

door open or not closed. The corresponding body and doors are illuminated on the display of the information.

Display mode of the

tire pressure: shows the tire pressure

of the tire flashing at that moment strength and temperature values.

When the pressure or temperature of the tire are abnormal, the tire will

Pressure alarm indicator

lights up and the temperature is displayed of the corresponding tire.

Grade and pressure values.

In the case of the average fuel consumption of the total mileage, as the value of the total mileage gradually increases, the corresponding value of the average fuel consumption tends to become stable and does not fluctuate significantly.

## odometer

The odometer consists of two parts: the one-way mileage and the total mileage. In the mileage display area, when the trip is displayed, it means that the value displayed on the odometer is the one-way mileage; when the trip is not displayed, it means that the value displayed on the odometer is the total mileage.

The one-way mileage shows the accumulated mileage since the last time it was cleared. The range is from 0 to 9999.9 km; once 9999.9 km is exceeded, the one-way mileage will be automatically cleared and accumulated and displayed again from 0.

The total mileage shows the total number of kilometers the vehicle has traveled. The range is from 0 to 999999 km; once this mileage is reached, the odometer stops accumulating and displays 999999 km.

Due to the influence of tire pressure, road conditions, weather and other factors, there may be some errors between the mileage indicated on the odometer and the actual mileage.

### Control buttons for information centers



### 1. Shift keys

Briefly press the toggle button to toggle between the one-way mileage display and the total mileage display.

### 2. Zero/Set key

When the one-way mileage is displayed on the instrument, press and hold the ZERO/SET button to clear the one-way mileage. At the same time, the corresponding average fuel consumption is also reset to zero.

### Average fuel consumption display

From the instantaneous value of fuel consumption and the mileage traveled, calculate a period of average fuel consumption for kilometers traveled is shown.

Display range: 0 to 30L/100km.

Average fuel consumption when the odometer reads





total mileage






The display shows the average fuel consumption for the total mileage; when the odometer shows average fuel consumption is shown for a one-way trip when the mileage is one-way.











The average fuel consumption of the program.

When the odometer is deleted, the corresponding average fuel consumption is also deleted. zero, count again.

## System Indicator Introduction





System indicator lights	name	submit
	Parking indicator (red)	When the parking brake is in the braking position, this light is on, this is a normal state, the vehicle is not faulty.
	Motor malfunction indicator (yellow)	If this light remains on while the engine is running, this indicates a fault in the engine's EFI system, restart the engine and check the light, if the light is still on, contact a Dongfeng Forthing Service Station.
	EOBD fault indicator (yellow)	This light comes on when the ignition switch is in the "ON" position. When the engine is started, the light turns off, which is a normal condition. If it does not go out, it means the engine control system is defective, please restart the engine and check the light, if the light is still on, please contact a Dongfeng Forthing service station.
	Low engine oil pressure light (red)	When the ignition switch is turned to the "ON" gear, this light comes on, and after starting the engine, this light goes out, which is normal. If this light keeps on or blinks after starting, it means that the amount of engine oil is too low, and if you continue driving, the engine may be damaged, so please contact Dongfeng Wind Power Special Service Station.

	<p>Battery charge failure indicator light (red)</p>	<p>When the starting switch is set to "ON" gear, this lamp lights up, and after starting, this lamp goes out, which is a normal condition. If it does not go out, it means the battery charge is defective, you should turn off all electrical accessories, let the engine continue to run and contact a special Dongfeng Forthing service station.</p>
	<p>Driver's side seat belt not fastened indicator (red)</p>	<p>When the ignition switch is "ON", if the driver does not fasten the seat belt, the corresponding indicator light will turn on and the buzzer will beep several times, which is a normal state and there is no fault in the vehicle. Only when the main and passenger seat belts are all fastened, the indicator light will turn off and the alarm will be cancelled.</p>
	<p>Airbag malfunction indicator (red)</p>	<p>It lights up continuously after starting the vehicle, indicating a malfunction of the airbag, please contact a Dongfeng Forthing special service station.</p>
	<p>ESP electronic stabilization system deactivation indicator (yellow)</p>	<p>Pressing the ESP switch on the lower left side of the steering wheel switches off the ESP system and the light comes on. Press the switch again to switch the ESP system back on and the light goes out.</p>
	<p>Electronic Stabilization System ESP operation indicator (yellow)</p>	<p>If this light flashes, the ESP system is functioning normally. If the light stays on while driving, the ESP system is malfunctioning. Contact a Dongfeng Forthing service station.</p>

System indicator lights	name	submit
	Anti-theft indicator (red)	If this lamp flashes when the ignition switch is in the "ON" position, it means that the key is not legal or has not passed the anti-theft authentication, please check if the key is correct. When the ignition switch is in "ACC" or "OFF", the vehicle enters anti-theft status, and this lamp flashes every few seconds to indicate that the vehicle enters anti-theft status, which is a normal phenomenon, and the vehicle is not broken.
	Brake system failure indicator (red)	This light comes on when the brake fluid level drops to a low level. If the warning lamp comes on while driving, there may be a malfunction in the brake system and you should stop the vehicle safely as soon as possible and contact a Dongfeng Forthing Service Station.
	ABS malfunction indicator (yellow)	If this light comes on while driving, it indicates a malfunction of the anti-lock braking system (ABS). In this case, the vehicle has normal braking capability but does not have the anti-lock function, contact a Dongfeng Windstream service station.
	Direction indicator and danger signal (green)	When the hazard warning lights are activated, the corresponding turn signals are switched on or off. When the hazard warning light switch is actuated, the left and right turn signals flash at the same time as the left and right turn signals. If they do not flash or flash rapidly, it usually means that the turn signal bulb is abnormal, so you should immediately check whether the turn signal bulb is damaged or not, and contact a Dongfeng Forthing Special Service Station.
	Rear fog light indicator (yellow)	When the rear fog lamp comes on, this lamp illuminates, which is normal and there is no fault in the vehicle.
	Position indicator light (green)	When the parking light comes on, this light illuminates, which is normal and there is no malfunction in the vehicle.
	High beam indicator (blue)	When the high beam headlights are used, this light comes on normally and there is no malfunction in the vehicle.
	Dipped beam (green)	When the low beam headlights are used, this light comes on, which is normal and there is no malfunction in the vehicle.
	High water temperature alarm indicator (red)	When driving normally, if the indicator light is always on, it means that the engine coolant temperature is too high. Please slow down the vehicle and stop safely at the side of the road, open the hood and stop the vehicle to rest for a period of time, wait for the coolant temperature to drop before driving again, do not exceed 40 km/h during the driving process and contact Dongfeng Forthing special service station.
	Electric power steering malfunction indicator (yellow)	This light comes on when there is a malfunction in the electric power steering system. If this light is always on during driving, please slow down the vehicle and safely stop at the side of the road, turn off the engine for 5 minutes and then restart the vehicle, if the fault light is no longer on, then you can drive normally, if it is still on, please pay

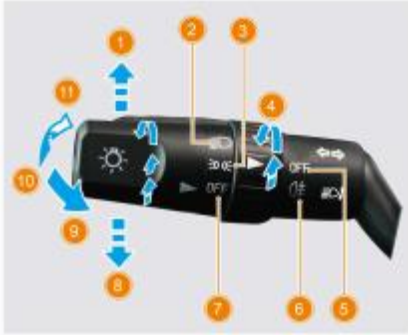
		attention to safe driving and contact Dongfeng Forthing special service station as soon as possible.
--	--	--



System indicator lights	name	submit
	Tire pressure gauge (yellow)	This light comes on in case of failure of the tire pressure monitoring function. When the tire pressure is too low/too high, adjust the tire pressure to the standard pressure range: standard pressure $\pm$ (standard pressure *25%); When the tire pressure monitoring function fails, for example, if the tire pressure system does not match or the sensor is lost, please contact Dongfeng Forthing Service Station in time.
	Low fuel level indicator (yellow)	When the fuel is about to run out, this warning light comes on to indicate that the fuel level is low and should be refueled.
	PEPS Alarm indicator (red)	This light comes on when the PEPS system has an alarm condition. Detailed alarm information will be displayed in the General Information area as text, not as a vehicle fault.
	GPF status indicator (yellow)	<p>If this light comes on and then goes out, this is a normal condition and there is no problem with the vehicle. If this light stays on and does not go out, it means that the GPF has a high carbon content and it is recommended to drive at high speeds to actively regenerate the GPF.</p> <p>If this light and the EOBD fault indicator light come on at the same time, it indicates that the GPF carbon charge has reached an extremely high level, and it is difficult to eliminate active regeneration at high speeds, please contact a Dongfeng Forthing Service Station in time.</p>

## Combined lighting switch

Combination control switch  
manually operated lighting

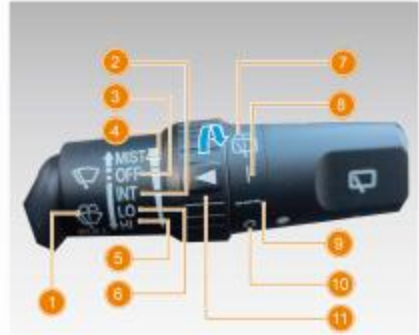


1. Right turn signal
2. Headlamps
3. Position lights
4. Control of the lights fog lamps
5. Headlight condition fog lamps off
6. Fog lights rear

This may pose a safety risk. The dipped beam angle can be adjusted with the adjustment switch. The headlight height adjustment switch has four positions, from 0 to 3, the dipped beam angle is successively reduced.

## Windshield wiper combination switch

Manual actuation of the windshield wiper combination switch



1. Windshield washer spray front
2. intermittent front windshield wipers
3. front windshield wiper off
4. Front windshield wiper click
5. high-speed front wiper
6. low-speed front wiper
7. Rear wiper spray
8. low speed rear windshield wiper
9. intermittent rear windshield wipers
10. rear windshield wiper off
11. Interval adjustment loop

## Switching of low beam and high beam

With the low beam on, move the control lever to the instrument panel. Push to the limit position in the direction of the turntable, the high beam comes on; in the direction of the turntable, the high beam comes on; in the direction of the turntable, the high beam comes on.

Mark the direction of the disc to return to low beam.

## Headlight height adjustment



When the vehicle is heavily loaded, the rear of the body sinks and the dipped headlights are raised, affecting the visibility of oncoming drivers.

## Adjustment of the cleaning interval

Adjust the " " knob to change the time interval of windshield wiper operation in INT gear, a total of six adjustable gears, the setting time interval is from 2 to 12s.

## Front windshield washer

Lift the windshield wiper combination switch towards the steering wheel and hold it there, the windshield washer will operate and the wipers will wipe at low speed.

## Rear windshield washer

Press and hold the wiper combination switch lever toward the dashboard and the rear window washer will operate while the rear wipers continue to wipe at low speed.

## Windshield wiper repair mode

With the ignition switch in the "OFF" position, flip the wiper combination switch upward and the front wipers will stop at almost full height, making it easier to service the wiper blades. The front wipers automatically return to their original position when the ignition switch is turned back to "ON".

## Introduction

### smart key



1. Unlocking key
- Intelligent key indicator
3. Locking keys
4. Tailgate unlocking button
5. Mechanical keys

### Removing the mechanical key from the smart key



Press the release switch mechanics of the key on the side of the smart key to instantly remove the mechanical key.

## Battery replacement

Battery model: CR2032.

### Replacing the smart key battery

The smart key battery should be replaced when the remote control distance of the smart key is too short or cannot control the vehicle remotely, and when the vehicle does not recognize the smart key because the battery is low.

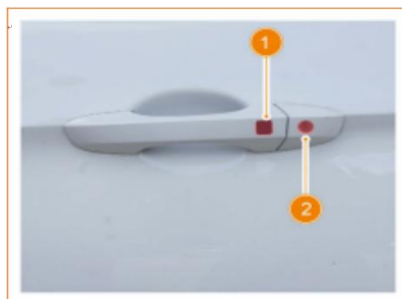
## Anti-theft locking system activated

Anti-theft activated locking systems are used to prevent the vehicle from being stolen.

If the ignition switch is turned on with an incorrectly coded smart key, the engine will not start. When the ignition switch is turned to the "ON" position, the anti-theft indicator light comes on for a few moments and then goes out. If the anti-theft indicator light starts flashing, the starter anti-theft lock system has not recognized the smart key code, please contact a Dongfeng Fengxing service station.

## Door locking and unlocking

### Intelligent opening and closing of doors (with PEPS)



1. Microswitches (PEPS)
2. Keyhole

Lock and unlock the doors by inserting the mechanical key into the driver's side door lock.

With the smart key in hand, press the microswitch to unlock all doors; with the smart key in hand, close all doors and press the microswitch to lock all doors.

## Remote locking and unlocking



### Lock

Short press the smart key lock button can lock all the doors, at the same time the turn signal light flashes 1 time, the system enters into the defense state. If any door is not fully closed, it can not be locked, and the turn signal light blinks 4 times, prompting to close the door.

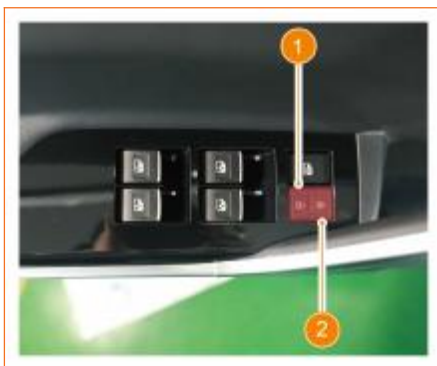
### Unlock

When the host computer is in the defense state, short press the smart key unlock button, the five door locks will be unlocked at the same time, and the turn signal light will flash 2 times, the defense state will be released.

## Vehicle locking and unlocking





## Centralized locking and unlocking



1. Unlocking key

2. Locking keys

 Press the lock button to lock all doors. The interior can only be locked when all four doors and the rear door are closed. With all four doors locked, press unlock button  to unlock all doors.

## Closing and opening the rear door



### Opening the rear door from outside the car

Take the smart key with you and press the micro switch to manually open the tailgate. To lock the tailgate, press it to close it and it will lock automatically.

1. Door locking switches

2. Interior opening handles To open the door from inside the vehicle, first turn the locking switch outward. Press on the side and pull the handle located on the inside of the door. To lock the door. Close the doors first and then release the lock switch.

## Emergency opening of the rear car door



When the locking device fails to open the rear door, remove the emergency opening cover of the rear door inner protection, push the emergency opening handle of the rear door lock all the way out and at the same time push the rear door out with the other hand, then the rear door can be opened from the inside of the vehicle.

## electric windows

### manual operation



1. Rear left window switch
2. Front left window switch
3. Window locking switches
4. Right front window switch
5. Right rear window switch

### manual operation

Pull up or press the switch down, the window goes up or down. Lowering and releasing the switch stops the window movement.

## Window locking switch

**Window lock switch** The window lock switch is located on the driver's side door, next to the window switch. Pressing the switch disables the operation of the passenger side window and rear window. When the locking function is activated, the passenger side window and rear window can continue to be raised or lowered with the driver's window switch. To reset the power operation of the passenger side window and rear window, press the switch again.

### Thermal protection for electric windows

If the power windows are operated repeatedly for a short period of time, the power window control switch may be deactivated to protect the life of the motor. To resume power window operation, wait a few moments before operating the power windows again.



Do not allow children to operate the power windows. Make sure that no part of the occupant's body is trapped when operating the window lifter.

- If a person's body is pinched when closing a power window, some injuries may occur.

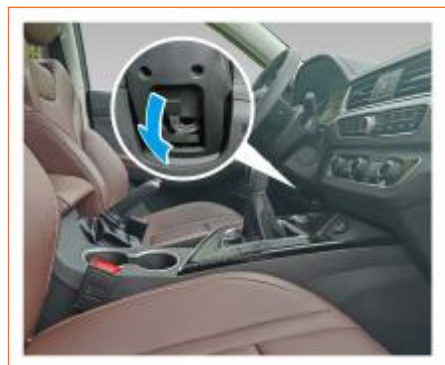
## flyer horn



The horn is located in the center of the steering wheel. Pressing the horn can indicate a dangerous situation and reduce the risk of an accident, and correct use of the horn will help ensure safe driving.

## Handwheel adjustment

### Handwheel adjustment up and down



Adjust the steering wheel up and down to the proper position by adjusting the adjustment lever on the steering column, and make sure the adjustment lever is fully locked after adjustment.

### warning

Adjusting the steering wheel position while driving can result in loss of vehicle control and injury to the driver. Adjust the steering wheel when the vehicle is stationary.

interior has an extinguishing function delayed.

## Interior light regulation

### Front interior light



1. door switch
2. left front interior light switch
3. right front interior light switch

## Door switch operation

When the door control switch is parallel to the panel, the reading lights turn on/off when opening/closing the left rear door, right rear door and rear door.

When the door control switch "O" is pressed, all reading lamps are switched on or off by the reading lamp switch.

When the door switch "I" is pressed, all the reading lights turn on.

### Reading light switch

When the door control switch is parallel to the panel or the "O" end is depressed, the reading light is controlled by the corresponding left/right reading light switch, which is illuminated when depressed and extinguished when ejected.

### Interior rear light



2. Left reading light switch

3. Right reading light switch

When the door control switch is in the door control or "O" position, the rear reading lights are controlled by the reading light switch.

### attention

If the interior lights remain on after the engine is turned off, the battery may be discharged. Make sure all interior lights are off before leaving the vehicle.

## rearview mirror adjustment

Keep the interior and exterior mirrors clean and adjusted to the best viewing angle. Before traveling, adjust the



Good mirrors.

## rearview mirror

Electrically adjustable outside mirrors



1. Mirror adjustment switch
2. Left and right rocker switches

Electrically adjustable outside mirrors

The mirror adjustment switch adjusts the outside mirrors to the optimum viewing angle, and the left/right rocker switch selects the mirror on the corresponding side for mirror angle control.

## Exterior rearview mirrors heated and defrosted

The heated outside mirror defogging function removes fog, frost and thin ice from the outside mirrors. After starting the engine, press the rear windshield defogger button on the air conditioning control panel again to turn the defogger on or off. The button lights up to indicate that the defroster is in operation.

## Interior rearview mirror

The inside rearview mirror is attached to the windshield, hold the right side of the inside rearview mirror and adjust the mirror up, down, left and right until you can see well enough through the mirror to see the road behind the vehicle.



Anti-glare can be achieved by changing the reflective state of the lens by gently operating the tabs located on the lower edge of the mirror.

## seats

### headrest

Headrest position



Front seat headrest adjustment





## Second row seat headrest adjustment



## Seat headrest adjustment of the 3rd row\*.



To raise or lower the head restraint, press and hold the adjustment switch on the side of the seat head restraint, raise or lower the head restraint to the desired height and release the switch. Gently press or raise the head restraint again until you hear a click to ensure that the head restraint is locked.

## Manual driver's seat adjustment



### 1. Seat longitudinal adjustment lever

Pull the lever up to adjust the seat forward and backward, then release the lever to ensure that the seat does not move forward and backward.

### 2. Seat height adjustment lever

Raise or lower the handle to adjust the seat up or down, then release the handle once it is in the proper position.

### 3. Backrest angle adjustment lever

Sit on the seat, lift the handle, tilt your back forward or push the backrest back, adjust the backrest to the proper position, release the handle and rock back and forth a few times to make sure the backrest is locked.

## Manual adjustment of the passenger seat



### 1. Seat longitudinal adjustment lever

Pull the lever up to adjust the seat forward and backward, then release the lever to ensure that the seat does not move forward and backward.

## 2. Backrest angle adjustment lever

Sit on the seat, lift the handle, tilt your back forward or push the backrest back, adjust the backrest to the proper position, release the handle and rock back and forth a few times to make sure the backrest is locked.

Adjustment of second row seats (seven seats)

Forward/rearward seat adjustment\*.



The seat in its final position is designed to adjust 170 mm forward, the backrest is designed to adjust at an angle of 23°, 60° forward and 10° backward, so please adjust the backrest to the correct position according to the correct sitting posture, so that the backrest will fit perfectly.

Front and rear adjustment lever for second row seats 2.

Pull up on the lever under the front of the seat cushion to unlock the rail and adjust the seat forward and backward, and release the lever to lock the seat.

After each adjustment, rock the backrest back and forth to ensure that it is securely locked.

## Seat back angle adjustment



### 1. Second row seat back adjustment straps

When the backrest adjustment strap is pulled up, the angle adjuster is unlocked and the backrest naturally reclines forward, so keep your body close to the backrest or hold the backrest with your hands when adjusting the backrest angle. After each backrest adjustment, rock the backrest back and forth to make sure it is locked in place.

### Second row of seats folded forward

Pull the seat cushion flap webbing under the seat to lift and fold the seat cushion forward.



2. Then pull up on the seat back adjustment strap to flatten the seat back.



注意

Before use, the seat should be rocked back and forth to check that it is in the locking zone.



### Second row of seats in use

1. Pull up on the tape and pull it out.
2. seat back adjustment and
3. adjust the backing to.  
Uses status and blocking.



2. Lift the front of the cushion so that the back of the cushion is close to the seat pan, as shown above. 3. Gently press the front of the cushion so that the cushion slides naturally backwards and downwards until the back of the cushion is tucked under the backrest.

Press the front of the cushion again to lock the cushion latch into the locking slot.

### On-board assistance seat



To make the rear seating area of the seven-passenger vehicle more comfortable for entering and exiting the vehicle, the left-hand side seat of the second row can be folded forward. By placing the second-row head restraints in the lowest position and pulling the locking clips upward, the seat can be folded forward and slid forward a short distance with the help of the lift system, and by pushing the seat forward, the space for entering and exiting the vehicle can be further increased. After entering and exiting the vehicle, the seat must be retrieved. Push the seat down, lock it and slide it back to the locking area.

#### attention

It is not permitted to pull up the locking hook while the vehicle is in motion and the seat must be locked at the same time.

### Rear seat adjustment

The rear seats of the five-seater models are not adjustable in height or backrest.

### Rear seats folded forward

The rear seats, consisting of a left rear seat and a right rear seat, have a 4/6 folding function, which increases trunk space for storing large objects.



Lift with your hands on the front of the cushion and then pull it out, allowing the cushion to face upward at a given angle.

Ex



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

**Folding rear seat backrest**



Flip the backrest backwards and push it firmly backwards, the Make it close.

Lift the front of the cushion so that the back of the cushion is against the seat pan, as shown below. Gently press the front of the cushion so that the cushion moves naturally back and down until the back of the cushion is tucked under the backrest. Press the front of the cushion again to secure it.

**Adjustable third row of seats\* (seven seats)**



Unlock the seatbacks by pulling the rear seatback release strap and push the seatback forward to fold it down.



**注意**

- Adjust the seat position before driving.

When children are riding in the vehicle, always have an adult adjust the seat. If a child adjusts the seat by him/herself, an accident may occur. In the event of emergency braking or a collision, cushions or similar objects not secured in the seat can cause the person's body to slide forward, resulting in accidental injury.

- Do not place a cushion or similar object between your back and the backrest while driving, otherwise the headrest will lose its protection in case of an emergency.

## air conditioning system

### air outlet

#### Front air vents



- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| 1. Central ventilation                | 4. Side window defrosting grids      |
| 2. Driver's side ventilation grill    | 5. Front windshield defrosting grids |
| 3. Passenger's side ventilation grill | 6. Front air vents                   |

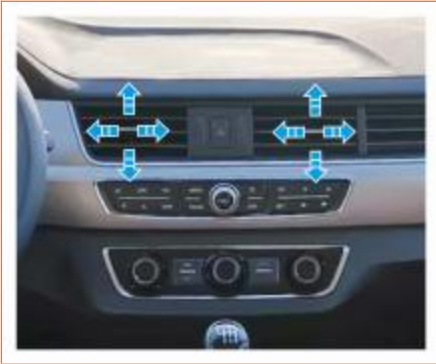
#### Second row air vents



1. Rear center rear vents



## Adjustment of air flow and air direction



The central air outlet can be adjusted by changing the direction of the air outlet louver up and down, left and right. The air flow rate can also be adjusted by adjusting the louver opening.



The air outlets on the left and right sides can be adjusted up and down, left and right to change the direction of the grille, thus adjusting the wind direction of the air outlets. The airflow can be adjusted by turning the wheel up and down, down to make it smaller and up to make it larger. The wind direction can also be adjusted by adjusting the direction of the louver.

### Air conditioning operating tips

#### Replacement of the air conditioning filter

Regularly replace the air conditioner as specified in the periodic maintenance schedule.

Adjust the cartridge. Frequent driving in dusty areas is recommended to reduce short replacement time/mileage.

## Electrical control of air conditioning

### Air conditioning buttons on the central panel



1. Mode setting button

2. Internal and external circulation adjustment switches

3. A/C Switches

4. Air flow control knob

5. Rear windshield defogging/rearview mirror heating button

6. Temperature adjustment button

## Description of the air conditioning control system buttons

### Mode setting knob

The airflow mode switches between 5 airflow modes: face, face/foot, foot, foot/defrost and defrost, with the airflow coming from the corresponding outlet.

### Internal and external circulation adjustment switch

By pressing this switch you can manually switch between external (fresh air) and internal circulation.



注意

Frequent operation in the internal circulation mode may cause water vapor condensation on the side windows and front windshield, causing discomfort due to lack of fresh air inside the vehicle, so it should normally be set to the external circulation mode. When traveling through smoggy areas, use of the external mode may cause soot to mix inside the vehicle, so it should be set to the internal mode.

### A/C switch

When this button is pressed, the air conditioning system is switched on and the button indicator lights up. Press the button again, the button indicator turns off and the compressor is switched off.

### Air flow adjustment knob

This knob is used to adjust the amount of air flow from the air outlet. Press

Turning the knob clockwise increases the speed and air flow rate. Turning the knob counterclockwise decreases the speed and air flow rate.

### Rear windshield defroster button

Pressing this button activates or deactivates the rear windshield defogging and exterior mirror defogging/heating function. The indicator on the button lights up when the function is on. Pressing the button again switches off the rear windshield defogging and rearview mirror defogging/heating function. The function is automatically switched off after approximately twelve minutes. The function is also switched off when the vehicle is switched off. When the vehicle is restarted, the rear window defogging/rearview mirror heating function must be restarted.

### Temperature adjustment button

This knob is used to adjust the temperature of the air flow from the air outlet. Turning the knob clockwise, i.e. in the direction of the red circle, increases the air flow temperature. Turning the knob counterclockwise, i.e. in the direction of the blue circle, decreases the air flow temperature. To use the air conditioning ventilation function with the air conditioning compressor closed, turn the temperature control knob to the leftmost blue position and adjust the air speed to the desired value.



## Sunshade



If you need to use the sunshade for block glare in front of you, place the sun visor. Simply turn the plate downward to block glare side, first flip the support rod from the left side of the snap-on clip and rotate the Visor on one side.

## Dressing mirror



If you need to use a courtesy mirror, lower the visor and open the lid of the dressing mirror.

## Storage box



Open the compartment by pulling the lid handle to the left and close it by pressing it upwards.

## Box office



The front and rear door panels are designed with storage boxes for small objects.

## Front cup holders



The lower part of the dashboard is designed with slots for storing small items such as cell phones.



The central compartment has a cup holder for cups, drinks and other objects. If necessary, the cup holder can be removed and one of the sides can be used for larger objects.

## Central storage box



To open the center compartment, lift the center compartment cover.

## Second row cup holders



The cup holders are located in the center armrest of the second row and can be removed by pulling down on the strap.

### Third row of compartments\*.



Designed with storage slots beside the rear seats, you can put some small items such as cell phones, etc.

### Spare tire compartment



There is a compartment for tools and objects in the spare wheel when the lower trunk lid is opened.

### USB interface

The USB interface only works when the boot switch is in the "ON" or "ACC" position. This port can be used to charge cell phones. To use it, open the cover, insert a USB stick and set the multimedia display to USB stick playback mode.

### USB port on the front of the secondary instrument panel



The USB charging port is located in the front storage slot.

### Vice USB rear bracket



The rear USB connector is located under the air outlet at the rear of the dashboard. This USB connector has a charging function only.



- Keep the cover closed when the USB port is not in use to prevent dust or water from entering the USB port and rendering it unusable.
- USB power port only provides charging function, maximum charging current is 2.3A, please do not plug in high current appliances to avoid causing fire.
- Do not insert metal objects into the connector, as this may cause a short circuit and result in fire.

## 12 V vehicle power supply

The vehicle's 12 V power supply will only operate when the ignition switch is in the "ON" or "ACC" position.



The 12 V on-board power supply is located in the front storage slot.



**注意**

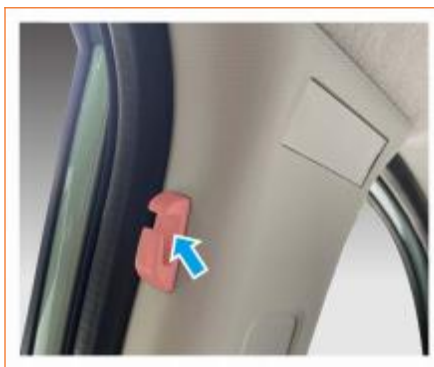
- Cover the dust cover tightly when the 12 V vehicle power supply is not in use.
- The maximum output power of the 12V vehicle power supply set is 120W, please do not plug in high power electrical appliances to avoid causing a fire.
- Do not allow children to use or touch the vehicle's 12 V power supply, and do not insert metal objects into the power connector to prevent short circuits and fires.
- The vehicle's 12V power supply is for power collection only, do not plug the cigarette lighter into the vehicle's 12V power outlet, as it may cause a fire due to a short circuit.

## Inner handle



The interior grab handles are designed to be used by occupants in special situations on the front passenger side and both rear sides of the vehicle. The interior grab handles are spring-loaded and return upward to their original position when released.

## Hook



The vehicle is designed with hooks on both sides of the center row for occupant use.

## Luggage light



When the trunk is opened, the trunk light automatically illuminates, making it easier to store your belongings.

## Rolling shelf



Trunk with roll-up shelf, roll-out operation steps Submerge:

1. Pull the handle and rotate it upwards to remove the feet from both ends. Metal outer tube. Pull back the fabric curtain and snap the two pins. The corresponding card slot.
2. Step-by-step procedure for recycling the roll-up shelving, according to the Extend the steps in reverse.

On seven-seater models, when it is necessary to use the rear seat

When storing the drop-down shelves on the carpet, please downward and snap into the corresponding fastening slots on both sides, then deploy the Seats in a row.



### attention

The roll-up shelf is a decorative piece to cover the trunk, placing heavy objects for a long time may cause damage to the parts, and can be used to place paper towels, cushions, hats and other light items, but the total weight should not exceed 2 kg.

## Safety belts

### Introduction to seat belts

Vehicles under emergency braking, sudden rollovers and collisions with result of In case of accident, the safety belts shall restrain the driver and passenger. Adheres to the seat and prevents the body from tilt forward, thus protecting driver and passenger. secondary impacts. Correct use of seat belts reduces the number of seat belts Injuries to vehicle occupants.



注意

- Ensure that all occupants are properly fastened before starting the vehicle and wear them at all times while the vehicle is in motion. Seat belts provide maximum protection in the event of an accident.
- The seat belts in your vehicle are primarily designed for adults and are not suitable for children, so you should choose to install the appropriate child restraint based on your child's age and size.
- If the seat belt or retractor is damaged or abnormal, immediately contact a Dongfeng Fengxing Service Station for confirmation and treatment, and do not use the seat until the problem is resolved.

### Unfastened seat belt alarm

The vehicle is equipped with driver and front passenger seat belt warning lights. When the driver's and front passenger's seat belts are detected to be unfastened, the corresponding warning lights on the instrument panel illuminate and the buzzer continues to warn the driver and front passenger until the seat belts are fastened.

1. Stretch the shoulder belts and recline them over the shoulders, but without touching the neck or sliding them off the shoulders.
2. The lumbar seat belt should be as low as possible over the hips.
3. Adjust the position of the seat back so that it is in a relatively comfortable position.
4. Do not twist the seat belt.



注意

Always use the seat belt correctly.

- Seat belts should be adjusted to the position that best suits you, and are most protective when the backrest is in the upright position and the seat belt is properly buckled.
  - Do not place the seat belt across the lower abdomen, as the belt would put heavy pressure on the lower abdomen in the event of an accident.
  - Do not place the shoulder belt under the arm.
- Seat belts should be tightened as tight as possible. Loose seat belts can increase the risk of injury as the belt slips from a harder part of the body to a softer part of the body (e.g., the abdomen).

## Seat belt retractor

Each seat belt is equipped with a retractor. The retractor holds the belt. The safety locking device is kept in place during normal driving. During normal driving, the retractor maintains the seat belt in the With a certain tension, the driver and passenger can remain free in the Activity seat. And in case of emergency, the retractor The dynamic tightening, which holds the body of the If the driver to the seat, the Avoid injury. If the retractor locking is found to be abnormal, the Contact Dongfeng Fengxing Special Service Station as soon as possible.



警告

Do not repair, adjust or disassemble the seat belts and retractors by yourself. If you need to repair or replace the seat belts and retractors, please contact a Dongfeng Fengxing service station.





- Incorrect use of the seat belt can lead to injury in the event of an accident or sudden emergency braking and driving maneuvers.

- The shoulder portion of the harness should pass through the center of the shoulder, never under the arm or through the neck.

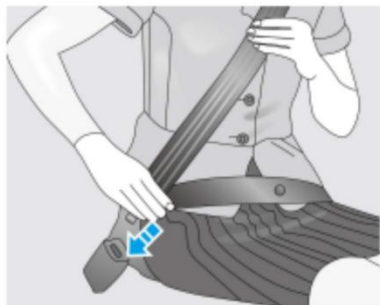
The lumbar portion of the seat belt should pass in front of the hips, never over the abdomen. The seat belt should lie flat and tight against the hips. If necessary, tighten the harness slightly.

Pregnant women, like all other passengers, should wear the seat belt as low as possible over the hips, with the shoulder belt stretched completely diagonally across the shoulders and avoiding the belt touching the bulging abdomen. Failure to properly fasten the seat belt could result in injury to the pregnant woman and the fetus in the event of emergency braking or a collision.

- Do not twist the seat belt while wearing it.
- Never adjust the seat belt height while driving.
- Never pull the seat belt away from the body by hand.

The seat belt must not catch on hard or fragile objects, such as eyeglasses, pens or keys. Do not change the direction of use of the seat belt by means of clips, retaining rings or similar objects.

### Fastening and unfastening seat belts



Simply remove the latch.

### Seat belt related work

1. Periodically check the condition of all seat belts.
2. Keep seat belts clean.
3. Keep foreign objects and liquids away from the seat belt, latch and seat belt locking socket.

### Airbag

#### Introduction to airbags

The airbag system is an auxiliary restraint system to the seat belts. When the vehicle is involved in a frontal collision to the point of requiring airbag deployment, the airbag will inflate and deploy to reduce Minor head and thorax injuries to the driver and passengers.

#### How airbags work



The airbag system is an auxiliary restraint system to the seat belts. When the vehicle is involved in a minor impact injury to the head and thorax of the driver and passengers.

**Attachment:** Remove the seat belt from the retractor. Place the harness over the chest and hips, insert the clasp into the buckle. Wait until you hear a "click" indicating that the seat belt is locked.

**Unlocking:** Press the red unlock button on the latch socket.





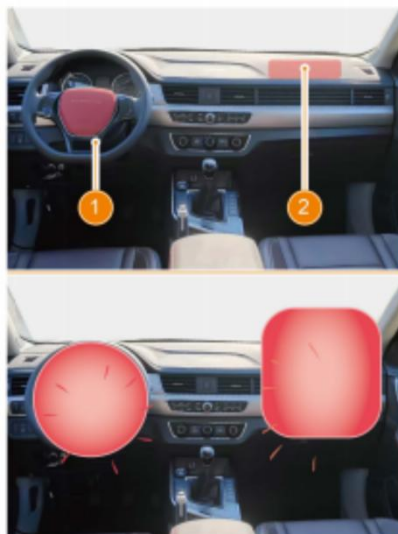
- All drivers and passengers must wear their seat belts correctly fastened and sit in the correct position when traveling.
- The airbag system can only be activated once. Airbags that have been triggered in an accident must be replaced.
- Do not attempt to modify any part of the airbag system.
- Airbags can only provide secondary protection. Do not rely solely on airbags for protection.

### The airbag threat to children



The front passenger side sun visors carry an airbag warning label. Rear-facing child seats should not be placed on seats protected by airbags (when they are activated), as the inflation of the front airbags could hit the child with great force and seriously injure him/her in the event of a collision.

### Airbag position and deployment



1. Driver's airbag
2. Passenger airbag

In the event of a frontal collision, the airbags protect the head, face and thorax of the driver and front passenger.

### Front airbag deployment conditions

The front airbags deploy in the event of a frontal collision with a solid wall at a speed of 25 km/h or more.

The front airbags deploy in the event of a severe impact within  $\pm 30^\circ$  of the front of the vehicle.

### Possible non-deployment of front airbags



Does not start the vehicle or with trees, poles, etc. Easily deformed objects when colliding.



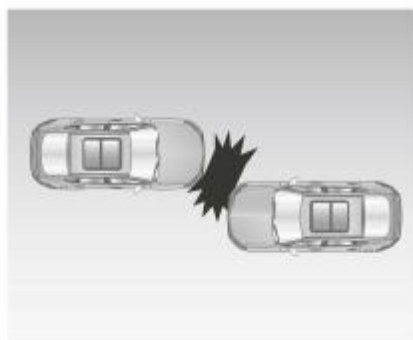
During travel, when the vehicle hits hard against low objects such as steps.



When suddenly falling into deep pits or deep ditches.



By hitting the rear of the truck (perforation).



When a vehicle of the same weight at rest strikes head-on or when the direction and point of impact deviate more than 30 degrees from the center of the vehicle.



Rollover.  
Side collisions, rear collisions, slight frontal collisions. The airbag system is defective.

## Airbag indicator light

Before driving the vehicle, turn the ignition switch to the "ON" position. The airbag system will perform a self-test and the airbag malfunction lamp will turn on and off after a few seconds.

If any of the following conditions occur, contact a Dongfeng Forthing service station:

1. The airbag warning light does not come on when the ignition switch is in the "ON" position.
2. When starting the engine, the airbag warning light remains on.
3. The airbag warning light comes on or flashes while driving.

## Precautions for use of airbags

The airbag will inflate quickly when conditioned for a frontal impact, so the airbag may also inflate in other types of impacts similar to a frontal impact. They may also fail to inflate in certain frontal impacts. The extent of damage (or lack of visible damage) to the vehicle is not an indicator of whether the frontal airbag inflates.

The airbag is very hot when it inflates, so do not touch it. When it inflates, it makes a lot of noise and may affect your hearing. Gases are also released, rinse them afterwards with warm water and soap to avoid skin irritation.

## Incident Data Recording System (EDR)

The vehicle is equipped with an incident data recording (EDR) system, which records data that can be used to analyze collisions with the specific parameters shown in the table below:

Serial number	Parameter name	hidden meaning	unit (of measure)
1	Delta-V vertical	Changes in longitudinal speed of vehicles	km/h
2	Maximum longitudinal delta-V recorded	Maximum cumulative change in vehicle speed in longitudinal direction	km/h
3	Maximum longitudinal delta-V time recorded	Vehicle speed in longitudinal direction achieved Cumulative change in degrees Maximum Time of value	ms
4	cutout symbol	denotes the acquisition of EDR more Speed (horizontal, vertical) First time sensors are reached Point in time of the range	ms
5	vehicle speed	Lateral speed	km/h
6	Service brake on or off	It is used to test drivers. Is the brake pedal depressed? see in a door (old)	/
7	Driver's seat belt Condition	Driver's seat belt Buckle switch condition	/
8	accelerator pedal position fully open position percent	Accelerator pedal position Placement and driver All Percentage of pedal position downward (particle used to compare and "-er than")	/
9	revolutions per minute	Vehicle engine Minimum main crankshaft speed	r/min

Serial number	Parameter name	hidden meaning	unit
10	Weeks of ignition during the event	The power-on cycle of the ECU that records EDR data from the time of first use to the time of the event. Number of rings.	cyclical
11	Power-on cycle when reading	The number of times the EDR ECU has cycled from the first time the EDR ECU was used to the time it was read. Numbers.	cyclical
12	Complete status of the event data log	If the event is recorded in its entirety	/
13	This event takes place a few days after the Time of last incident intervals	Time interval between incidents	s
14	Vehicle identification code	Vehicle VIN code	/
15	Register EDR number According to ECU Hard Part No.	EDR unit hardware number	/
16	Register EDR number The ECU procedure is based on the following data column number	EDR unit serial number	/
17	Register EDR number The ECU software is based on the following data Part No.	EDR unit software number	/

The event data recording (EDR) system of this vehicle is integrated into the airbag controller, and the recorded data can be extracted by the special diagnostic equipment of Dongfeng Fengxing service station, and the specific extraction method should be consulted at the service manual of the corresponding airbag system of this vehicle.

The vehicle speed recorded by the vehicle's incident data recorder (EDR) system is derived from the wheel speed of the vehicle's ABS (anti-lock braking system).

The data recorded by the vehicle's Event Data Recording (EDR) system is divided into non-blocked event data and blocked event data. The former are the data recorded when the EDR recording conditions are met, but the airbag system ignition conditions are not met. The latter are the data recorded when the ignition conditions of the airbag system are met.

Non-blocking event data is overwritten in chronological order before Non-blocking event data; Blocking event data cannot be tracked Event data coverage, capable of recording three event numbers in total According to.

Protective measures of children

Safety instructions for children

For traveling with children on the bus, be sure to read this book Chapter Contents. The contents of this chapter include an important overview as well as protection Detailed instructions for the care of infants, young children and older children. For the best child protection effect, in infants, young Children and older children should always ride with protection Device. When a child is too young to use the seat seat belt, you must place him in an approved child protection device in the rear row.older children should use a three-point seat to bring safety Protection and, if necessary, auxiliary cushions. Use child safety locks. Do not leave children alone Stay in the car.

Protective measures for infants

The necks of infants under one year of age are very fragile and can cause neck injuries in the event of a frontal collision if they sit forward. Therefore, the use of a rear-facing child restraint is recommended.

Protective measures for young children

In accordance with the weight and height requirements specified by the child restraint manufacturer, children over one year of age must wear a forward-facing child restraint when in the vehicle.

Protective measures for older children

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

Child restraint systems

In addition to the child protection with three-point seat belts, the center seat has two child restraint systems with standard "ISOFIX" interface. The appropriate child restraint system can be selected as required. The child restraint systems (CRS) applicable to this vehicle and the mounting positions are shown below.

Quality group	Driving position				
	Front row occupants	Center row, left	Center row, right	Center row	the back row
0 groups (less than 10KG)	X	U	U	X	X
Group 0+ (less than 13KG)	X	U	U	X	X
Group I (9KG ~ 18KG)	X	U	U	X	X
Group II (15KG - 25KG)	X	U	U	X	X
Group III (22KG - 36KG)	X	U	U	X	X

The meaning of the keywords in the table above is as follows:  
U: Applies to general category child restraint systems certified by this quality group.  
X: This seating position does not apply to child restraint systems of this mass group.  
If a standard "ISOFIX" child restraint system is used, information on the adaptability of the system to the vehicle is shown in the table below.

Quality group	adjustment (of garments) categorization	fixation module (in software)	ISOFIX position in the car				
			Front row occupants	Center row, left	Center row, right	Center row	the back row
Carrycot	F	ISO/L1	X	X	X	X	X
	G	ISO/L2	X	X	X	X	X
		(1)	X	X	X	X	X
0 groups	E	ISO/R1	X	IL	IL	X	X
		(1)	X	IL	IL	X	X
Group 0+ (less than 13KG)	E	ISO/R1	X	IL	IL	X	X
	D	ISO/R2	X	IL	IL	X	X
	C	ISO/R3	X	IL	IL	X	X
		(1)	X	IL	IL	X	X
Group I (9KG ~ 18KG)	D	ISO/R2	X	IL	IL	X	X
	C	ISO/R3	X	IL	IL	X	X
	B	ISO/F2	X	IUF	IUF	X	X
	B1	ISO/F2X	X	IUF	IUF	X	X
	A	ISO/F3	X	IUF	IUF	X	X
		(1)	X	IL	IL	X	X
Group II (15KG - 25KG)		(1)	X	IL	IL	X	X
Group III (22KG - 36KG)		(1)	X	IL	IL	X	X

The meaning of the keywords in the table above is as follows:

IUF: Applies to ISOFIX universal category forward-facing child restraint systems certified by this quality group.

IL: For special ISOFIX child restraint systems. These restraint systems can be of special vehicle class, restricted class or semi-universal.

X: This position is not available for ISOFIX child restraint systems of this mass group or size category.

A-ISO/F3: Full-height forward-facing restraint system for walking children.

B-ISO/F2: Reduced height forward-facing restraint system for walking children.

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

C-ISO/R3: Rear-facing full-height restraint system for walking children.

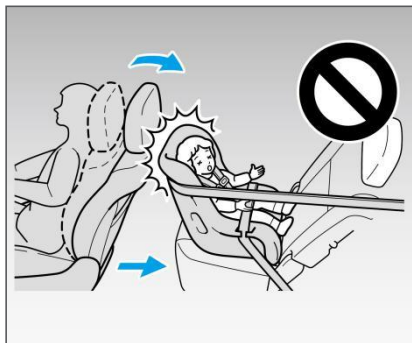
D-ISO/R2: Reduced height rear-facing restraint system for beginner walkers.

E-ISO/R1: Rearward-facing child restraint system.

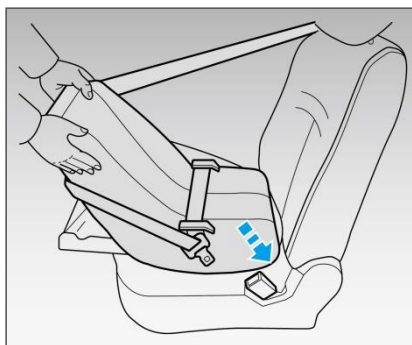
F-ISO/L1: Child restraint system (carrycot) in left-facing position.

G-ISO/L2: Child restraint system (carrycot) in right-facing position.

## Installation of rear-facing child restraints

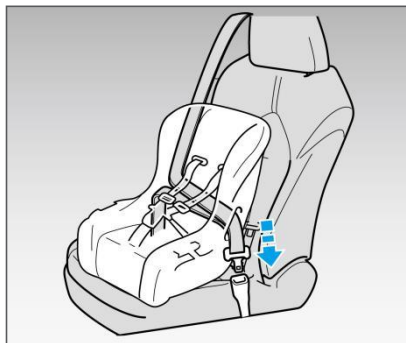


If the driver's seat prevents the correct installation of a rear-facing child restraint, the rear-facing child restraint should be installed on the right rear seat.



According to the instructions provided by the manufacturer, pass the seat belt through or around the rear-facing child protection device, insert the locking tongue into the buckle, make sure the seat belt is not twisted and remains taut, confirm that the locking tongue and buckle are securely locked, and shake left and right to ensure that the child protection device is securely fixed.

## Installation of forward-facing child restraints



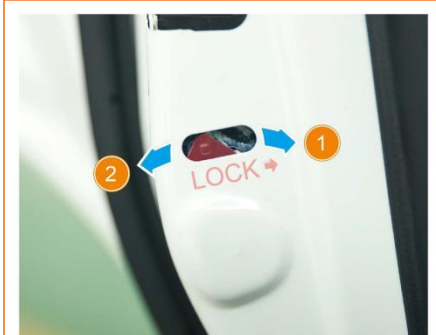
According to the instructions provided by the manufacturer, pass the seat belt through the forward-facing child protection device and insert the lock tongue into the buckle, making sure that the seat belt is not twisted and remains taut. Confirm that the lock tongue and buckle are firmly locked, press the child protection device against the seat cushion and seat back, let the seat belt fully retract, and fix the child protection device tightly. Shake it left and right to ensure that the child protection device is firmly fixed.

## Installation of auxiliary cushion



Place the booster cushion on the seat and let the child sit on it. According to the instructions provided by the manufacturer, put the seat belt correctly across the child's shoulders and the lap belt as low as possible to the child's hips. Then insert the lock tongue into the buckle and make sure the seat belt is not twisted and remains tight.

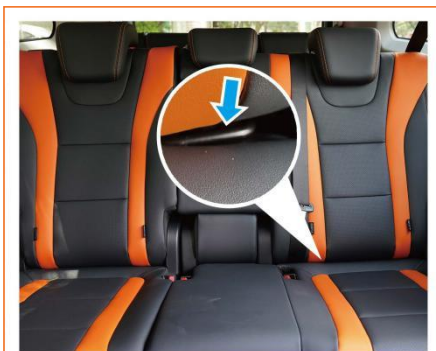
## Child safety rear door locks



Child-resistant rear door locks help prevent accidental opening the rear doors, especially when there are children in the car, should not be opened when the lever is in the locked position ①, the child safety rear door locks are activated and the rear doors can only be opened using the exterior door handles. Child safety rear door locks, move the lever to the unlock position ②.

## Installation of ISOFIX interface

Standard ISO-compliant child restraints can be ISOFIX. When installing and using the child protection device, please follow the manufacturer's instructions and safety tips. Otherwise the protection effect may be affected.



●The inflating front airbag will generate a huge impact, which may cause serious injury or death to children if it hits them. Therefore, please correctly select, install and use child protection devices and ride safely in the vehicle in accordance with relevant requirements. In any case, you must comply with the laws and regulations of the country you drive through.

●Please do not share a seat belt with an infant or young child. Otherwise, an accident may easily result in the death of the infant or young child.

●Please follow the manufacturer's instructions to install the appropriate child safety device on the rear seat. Incorrectly installed child seats may cause injury.

●All drivers and passengers, especially children, must always maintain a correct sitting posture and fasten their seat belts while driving.

●Do not allow two children to share one child seat.

●Make sure there are no hard or sharp objects, such as toys, on the child seat.

●Let older children sit in the back seat as much as possible and wear seat belts. If necessary, add auxiliary cushions.

●Do not twist the seat belt, get it stuck, or allow it to rub against sharp edges.

●If the child protection system is not installed, children under 1.5 meters in height must not use regular seat belts. Otherwise, the child's abdomen and neck may be injured in emergency braking or an accident.



## Safety warning signs

### Battery warning label



The battery warning label is affixed to the surface of the battery. The battery 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



The radiator warning label is attached to the surface of the upper beam of the radiator. Do not touch the radiator, especially when the vehicle is just turned off, because the radiator temperature is very high and it is easy to burn the skin.

## The dangers of carbon monoxide poisoning

Carbon monoxide gas is poisonous and inhaling it can seriously threaten human life.

If the vehicle is properly maintained, carbon monoxide from the vehicle's exhaust will not enter the vehicle under normal driving conditions.

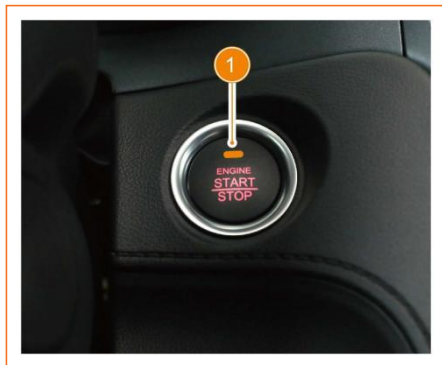
In any of the following situations, check the exhaust system for leaks:

1. Lifting the vehicle for engine oil change or other reasons
2. Found that the exhaust sound was abnormal.
3. The vehicle sustained damage to its underside in the accident.

When the tailgate is open, the airflow can carry exhaust fumes into the vehicle, creating a dangerous environment. If you need to start the vehicle with the tailgate open, open all windows and turn on the air conditioning for ventilation.

## Start and stop

### Start switch



#### 1. Start switch

Press the start switch without pressing the brake pedal. The start switch cycles between OFF-ACC-ON:

**OFF position:** The instrument cluster goes out, the multimedia system is turned off, and the start switch indicator light goes out.

**ONGear:** The instrument cluster lights up and the start switch indicator light is yellow.

**ACC gear:** The instrument cluster goes off, but the radio turns on and the start switch indicator light is yellow.

**START gear:** Only used to start the engine. After the vehicle starts, the start switch indicator light goes out.

### Start the engine

#### Normal startup

In any gear, depress the clutch pedal (to the bottom), the start switch indicator light turns green, press the start switch to start the engine.

#### Emergency Start

When the vehicle speed is greater than 15km/h and the electronic steering column lock is unlocked, put the gear in neutral and press the start switch to start the engine in an emergency.

#### Force Start

When there is no brake signal, put the gear in neutral and turn the start switch to ACC system gear, press the clutch pedal (to the bottom), and then press the start switch again for more than 15 seconds to start the engine.

When starting ECU fault, engine fault indicator lights. If the engine fails to start normally, please take the following measures:

1. Put the gear in neutral, do not press the brake pedal, press the start button once or twice.

Move the switch 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 5s (the start switch indicator light will

Turns green), press the start switch after 5 seconds until the vehicle starts successfully.

#### 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

Then place the smart key close to the start switch and press the start switch.

### Engine Fails to Start

According to the sound you hear when you put the start switch in the START position

The sound can determine the reason why the engine cannot start. It can be roughly divided into two types:

1. No or almost no sound is heard, which indicates the engine starter will not turn over or the speed is too slow.

2. You can hear the sound of the starter running normally or the starter. The engine sounds like it's turning faster than normal, but it won't start or run.

#### 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, open Interior lights. When starting the engine, if the interior lights do not light up, dim or go out, it means that the battery is exhausted. You can try to jump-start the engine. If the lights are normal but the engine cannot be started, please contact Dongfeng Fengxing authorized service station.



## 注意

- At altitudes above 2400m, starting is more difficult due to the thin air.
- In cold weather or when the vehicle has been parked for a long time, the engine is difficult to start. Please preheat the engine for a few minutes before driving.

## How to stop the engine

It is recommended that the engine be run at idle speed for 1 to 3 minutes before being turned off each time the engine is run at a low load. This will allow the engine to be fully cooled and extend its service life.

## Power Steering

### Electric power assist

The electric power steering system can provide power assistance while driving, making it easy to operate the steering wheel.

If the steering wheel is repeatedly or continuously operated when parking or driving at very low speeds, the power assistance will be reduced. This prevents the electric power steering system from overheating. After the temperature of the electric power steering system drops, the power assistance level returns to normal. Avoid repeated manipulation of the steering wheel, otherwise the electric power steering system will reduce the power assistance due to overheating.

When the steering wheel is turned quickly, a grinding sound may be heard, which is not a malfunction. If the electric power steering warning light comes on while the engine is running, the steering wheel power assistance will be reduced or lost, and more force will be required to operate the steering wheel.

## Manual transmission



The manual transmission is equipped with a reverse gear protection lock device to prevent direct shifting from the highest gear (sixth gear) to the reverse gear.

When you need to shift up or down, be sure to press the clutch pedal to the bottom, and then slowly release the pedal after shifting to the next gear. When not shifting gears, do not put your foot on the clutch pedal, otherwise, it will accelerate the wear of the clutch.

Only shift into reverse gear when the vehicle has come to a complete stop. It is recommended to fully depress the clutch pedal and hold it for a few seconds before shifting into reverse gear, which will allow for smoother shifting. Shifting into reverse gear while the vehicle is moving can damage the transmission.

When decelerating, downshifting provides additional braking force from the engine. This additional braking force helps maintain a safe speed and, when going downhill, reduces the load on the brakes and prevents them from overheating.



## 注意

When using the engine for braking, do not let the engine tachometer reach the red zone to avoid damaging the engine.



## 警告

When driving on slippery roads, sudden acceleration or deceleration can cause the vehicle to lose control. If a collision occurs, you will be injured. When driving on slippery roads, you should be extra careful.

## Recommended shift points

In a specific speed range, using the shift points properly to shift gears can make the engine run smoothly and accelerate. This can not only save fuel, but also effectively control exhaust emissions.

For six-speed vehicles, we recommend the following shift points:

Speed range	Vehicle speed (km/h)
1st gear - 2nd gear	15-20
2nd gear - 3rd gear	30-35
3rd gear - 4th gear	45-50
4th gear - 5th gear	60-65
5th gear - 6th gear	70-80



● If the gear is improperly set or not switched in time (mainly manifested by driving at a low speed and high gear), the engine speed will be forced to drop below 600rpm, and the engine will be extremely unstable, start to shake or even stall. If the engine continues to run under this condition, it may damage the engine transmission parts and reduce the service life. If the brake pedal is continuously stepped on at this time, the engine vacuum output may be insufficient, causing the brake pedal to become heavy and hard, and other dangerous situations. When the speed is lower than 600rpm, you should step on the clutch in time, shift to neutral or step on the accelerator pedal to accelerate, and try to avoid running the engine for a long time in this state.

## Fuel filling



Turn the fuel filler cap counterclockwise to beat. After opening, insert the fuel nozzle. When the fuel nozzle can be stably hung on the filling. After filling, turn the fuel filler cap clockwise until you hear a click and close the fuel line.

## Adding fuel

### Fuel filler cap release handle



Open the fuel filler flap by pulling the fuel filler flap release handle located under the left instrument panel.



After the nozzle automatically shuts off for the first time, you should stop refueling. There is a certain amount of space in the fuel tank for the fuel to expand when the temperature changes. If you continue to refuel after the nozzle automatically shuts off for the first time, the tank will be filled up. In a hot environment, the expansion of the fuel will cause fuel leakage. To prevent fuel leakage, you should stop refueling after the nozzle automatically shuts off for the first time.

## Vehicle running-in

### Precautions

During the first 1000km of the journey, special attention should be paid to driving style, which helps ensure vehicle reliability and extend long service life. At this stage, the following points should be noted:

1. Avoid running the engine at full load and do not overload it.
2. Avoid sudden braking during the first 300 km.
3. Do not change the engine oil before scheduled maintenance.
4. at first Do not tow the vehicle within 800km.
5. Avoid driving at the same speed for long periods of time, regardless of speed.
6. Shift gears appropriately to avoid driving at low speed in high gear.

## Maximum speed during the running-in period

The quality of vehicle running-in will have a significant impact on the life, safety and economy of the vehicle. During the running-in period, you must control the driving speed and not drive too fast. The following are the maximum speeds for each gear of the vehicle.

挡位	最高车速 (km/h)
1 挡	20
2 挡	40
3 挡	60
4 挡	80
5 挡	100
6 挡	120

The above recommended speed should also be followed after the vehicle is overhauled or the engine or brake pads are replaced.

## Braking system

### Brake Assist (BA)

During emergency braking, the Brake Assist system increases the driver's braking force and reduces the braking distance. Most drivers can brake in time in dangerous situations, but they do not press the brake pedal hard enough, which does not generate the maximum braking force and increases the braking distance. When the vehicle is moving, the hydraulic auxiliary brake system will be activated when the brake pedal is pressed quickly. At this time, BA will generate a greater braking pressure than normal braking, thereby shortening the braking distance.

### EBD

The ABS system is equipped with EBD electronic brake force distribution function. To ensure good braking performance under different load conditions, the EBD system automatically distributes braking force between the front and rear wheels.

### Brake priority

The brake override system can automatically switch the engine to idle mode to avoid a collision when it detects that the driver's attempt to brake is unsuccessful.

## Anti-lock Braking System(ABS)

### How it works

ABS controls the vehicle's brakes to prevent the wheels from locking during emergency braking or braking on slippery roads. The system modulates the brake fluid pressure by detecting the rotational speed of each wheel.

The braking force is used to prevent the wheels from locking and skidding. During the braking process, the steering wheel can still be used to steer the vehicle to avoid collision.

### System self-check

ABS has built-in diagnostic functions, which can be used when starting the engine and the system is tested when moving the vehicle forward or backward at low speed. If a fault is found, it shuts down. The ABS system will turn on and the ABS fault indicator on the instrument cluster will light up. The system works normally, but the anti-lock brake assist function does not work. If the ABS fault indicator light comes on during self-test or driving, please contact Dongfeng Fengxing authorized service station.

### Normal operation

ABS will work when the vehicle speed is above 5km/h. When ABS detects that one or more wheels are close to locking, the actuator will act quickly to release and restore the brake hydraulic pressure. When the actuator is working, you may feel a slight vibration in the brake pedal and hear a vibration sound from the actuator under the engine hood. This is normal and means that the ABS system is working properly.



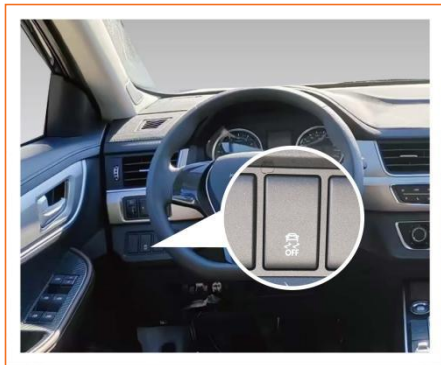
注意

- ABS cannot reduce the time and distance required to stop.
- ABS cannot prevent the loss of stability. When you suddenly step on the brake pedal, turn the car moderately.

## Electronic Stability Control (ESP)

ESP can improve the stability of driving a vehicle. When the computer detects a deviation between the desired driving state and the actual vehicle state, the electronic stability control system will start to work. The electronic stability control system will selectively apply braking pressure to the vehicle brakes to improve the stability of the vehicle.

## ESP switch



Press the ESP switch to turn the system back on. The electronic stability control system is on and the indicator light on the instrument cluster OFF. Extinguish. Press the ESP switch again, the electronic stability control system will be turned off, and the indicator light on the instrument cluster will turn off. OFF.

## Vacuum booster brake

The vacuum booster is suitable for engine vacuum assisted braking. If the engine stops and the vacuum in the vacuum booster chamber is exhausted, the auxiliary braking ability will disappear, and the brake pedal must be pressed hard to stop the vehicle, and the braking distance will also be longer.

## Using the brakes

Do not rest your foot on the brake pedal while driving. This will cause the brakes to overheat, accelerate the wear of the brake discs and friction pads, and increase fuel consumption.

When going down a long slope, slow down and downshift to a lower gear. Try to avoid frequent braking to prevent the brakes from overheating, reducing braking performance and causing the vehicle to lose control. When driving on slippery roads, be careful when braking, accelerating, or downshifting. Sudden braking or acceleration can cause the wheels to spin and result in an accident.

When washing the car, wading through water or driving in rainy days, the brakes may become wet and the braking performance may be reduced. At this time, you should drive at a safe speed and keep a safe distance.

## Driving uphill

Apply the parking brake to stop the vehicle and when

you are ready to start Slowly release the parking brake while pressing the accelerator pedal And release the clutch pedal.

## Hill Start Assist (HHC)

When starting the vehicle on a steep or slippery slope, If the driver switches from the brake pedal to the accelerator pedal, the vehicle will move backwards. To prevent this from happening, Hill start assist control will temporarily (about 2 seconds) apply brakes to all four wheels to prevent the vehicle from sliding down.



- Do not rely solely on the HHC system to prevent the vehicle from sliding down a slope.
- When the vehicle is fully loaded or parked on a steep slope, icy or muddy road, the brake pedal should be stepped on to prevent the vehicle from sliding backwards.

The HHC system will operate automatically under the following conditions:

1. When the gear is engaged in forward or reverse gear and the vehicle is driving uphill.
2. Press the brake pedal to brake the vehicle completely on the slope.

When the ESP electronic stability system in the instrument cluster fails

The indicator light comes on and the HHC system will not operate.

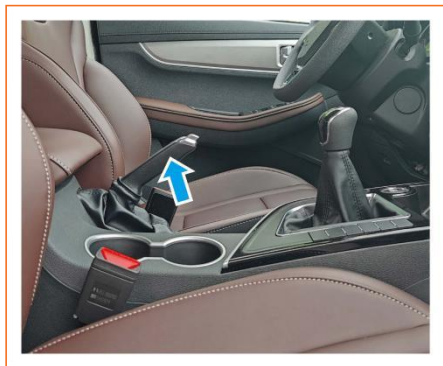
## Brake boost

When the force applied to the brake pedal exceeds a certain level. When the brake pedal is pressed lightly, the brake booster will be activated, and a greater braking force than the vacuum booster will be generated, which is convenient for driving the vehicle with ease.



## Parking

### Mechanical parking



The parking brake lever is located behind the shift lever. When parking, pull up the parking brake lever to prevent the vehicle from moving.

#### Manual parking

After pressing the brake pedal, pull up the parking brake lever and the parking indicator light on the instrument cluster will light up.

#### Manual release

Lift the parking brake lever slightly upwards, press the button, and release the lever.

The parking indicator light on the instrument cluster goes out automatically when the parking brake lever is fully released.

### Traction Control System (TCS)

The traction control system (TCS) function reduces the wheel slip in its rotation direction by controlling the engine and applying appropriate brakes to the drive wheels during driving.

When the vehicle's driving wheels slip, ESP will actively control the engine's power output torque (the vehicle does not respond to the driver's power torque request when pressing the accelerator pedal), reduce the output torque of the driving wheels, and restore the vehicle's driving wheels to stability without slipping. At this time, the ESP working indicator light on the instrument cluster flashes, indicating that the ESP system is working normally. It is normal to feel that the vehicle has lost power.

### Electronic Stability Program (ESP)

When the vehicle turns, the ESP computer detects the steering angle input by the vehicle and the actual steering angle generated by the vehicle.

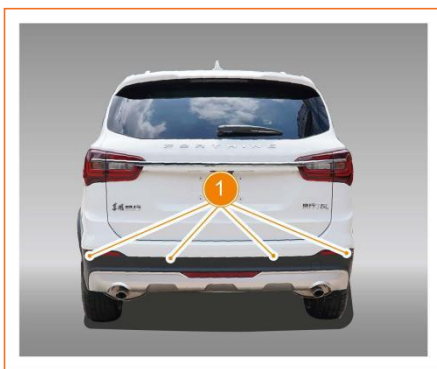
When the vehicle understeers (despite increased steering input the vehicle tends not to follow the steering path) or oversteers (the vehicle skids and the actual steering angle is greater than the input steering angle), ESP will actively brake the corresponding wheels of the vehicle to make the vehicle steer in the direction the driver turns the steering wheel. At this time, the ESP electronic stability system working indicator light on the instrument cluster flashes, you can hear the noise or vibration of ESP operation, and you feel the vehicle actively braking. This is normal and means that the ESP system is working normally.

## Parking assistance system

### Function Introduction

The parking radar detects the surroundings of the vehicle and issues a warning when the vehicle approaches an obstacle, helping the driver avoid the risk of collision.

There are 4 reversing radar sensors at the rear of the vehicle.



#### 1. Reversing radar sensor

When the parking assist system is activated, the system automatically detects whether the function is normal. If the system is normal, the alarm will sound 1 beep, lasting 0.5s. If the system beeps 1 time, lasting 3s, it indicates that there is a system failure, please contact Dongfeng Fengxing authorized service station.

#### Detection range

Sensor location	Maximum detection distance
Rear sides	$60 \pm 10\text{cm}$
Rear middle	$150 \pm 10\text{cm}$

#### Alarm method

The parking assist system emits intermittent warning sounds or long warning sounds on the instrument cluster according to the distance between the radar sensor and the obstacle. The shorter the distance, the shorter the interval between the warning sounds.

## Reversing radar on/ Closing method

When the shift lever is switched to R gear (reverse gear), the reversing radar is automatically turned on, and the system is automatically turned off after exiting R gear (reverse gear).



注意

- Due to the characteristics of the object, its location, angle, size, material or complex background, the system may not work or may work abnormally.
  - The radar detection distance may deviate from the actual distance and is only for reference. Please do not use it as the only basis for reversing.
  - When there is a single or multiple probe failure, the system's detection display distance is no longer reliable. During driving, the driver is responsible for real-time monitoring of the environment and timely maintenance. The manufacturer is not responsible for accidents caused by the driver's negligence.
- The following places or obstacles will cause detection failure or poor detection:
- Objects such as barbed wire and steel ropes.
  - Driving in bushes or on uneven roads.
  - Cotton or other materials that easily absorb sound waves.
  - Foreign matter is attached to the sensor surface.
  - Ultrasonic noise, metallic sound, and high-pressure gas discharge sound of the same frequency.
  - The installation of non-standard radio communication equipment on the vehicle will also affect the function of this system during use.

- The parking assist system only serves as an auxiliary warning for obstacles in front and behind the vehicle when parking or reversing, and cannot replace the driver's observation of the surrounding environment.
- Since the parking assistance system cannot display the image behind the vehicle and has a blind spot, please do not use it as a credential for reversing safety. The driver is responsible for driving safety.

## Driving in Bad Weather

### Driving Tips

When driving in rain, snow, fog and other wet weather, be sure to slow down, keep a long distance, avoid pressing the brake pedal and steering, and at the same time when starting to check whether the rearview mirror imaging is clear. In this type of weather, the brake is easy to get wet, the braking performance decreases, the road resistance is very small, the braking distance becomes longer. To slow down or stop on icy roads, use the engine's resistance to reduce the speed of the vehicle by slowly applying the brake. When there is a big temperature difference between inside and outside, and fog appears on the front windshield, don't wipe the fog on the glass while driving, so as not to concentrate on causing a big trouble, and should use the air conditioner in the car to adjust the temperature and eliminate the fog.

### visibility

A wide and clear field of vision is particularly important for drivers. However, in bad weather, the field of vision will be greatly reduced. At this time, turning on the fog lights and headlights so that others can see you is very important for driving safety.

Check the windshield wipers and washers. Make sure the washer fluid is

If the wiper does not wipe the water dry,

If the wiper blade becomes dirty or leaves streaks on the windshield, the wiper blade should be replaced.

### Driving force (adhesion)

Check tire wear and tire pressure regularly to prevent the vehicle from slipping (Loss of wet road traction) is important. In winter, All four wheels should be equipped with snow tires (anti-skid deep-tread tires).

For optimal maneuverability and safety.

Pay attention to the road conditions. When the temperature outside the car is close to zero degrees, The road surface may be covered with a mixture of ice and water. The vehicle's grip may change suddenly without any warning, causing the vehicle to skid.

### Towing a trailer

The vehicle is not designed to tow a trailer and such attempt will void your warranty.



## Emergency switch



### 1. Hazard warning switch

Press the red switch in the middle of the central vent to turn on the hazard warning lights. At this time, all the turn signals outside the vehicle and the turn and hazard signal indicators on the instrument cluster will flash to alert pedestrians and passing vehicles that your vehicle is in an abnormal state.

## Warning triangle



When an accident occurs while driving, the driver should stop to the right as far as possible, take out the triangular warning sign from the vehicle, place the reflective sheet with its back facing the vehicle and stand 100 to 200 meters behind the vehicle to warn oncoming vehicles to prevent serious accidents.

## Tire replacement

### Preparation before changing tires

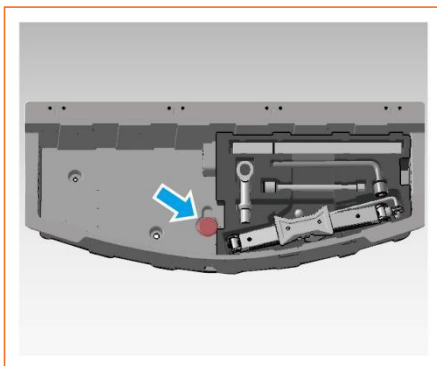
Park the vehicle on a flat ground that will not affect traffic and is convenient for changing wheels safely. Before changing a wheel in an emergency, turn on the vehicle's hazard warning lights and put the warning triangle on the ground according to the road conditions.

The signs should be placed at appropriate distances to avoid traffic accidents.

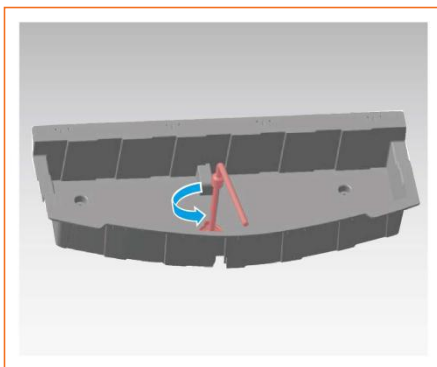
The vehicle tools are located in the card-mounted foam at the bottom of the luggage compartment. Take the tools out of the card-mounted foam.

### Remove the spare tire

1. Find the spare tire removal nut cover in the lower level of the trunk. Then pry off the plug cover.



2. Turn the wheel nut wrench counterclockwise to lower the spare tire height.



3. When the spare tire reaches the ground, pull the spare tire out from under the rear of the vehicle. Pull out. Pull the cable fixing bracket out from the center of the spare tire hub and remove the spare tire.

1

2

3

5

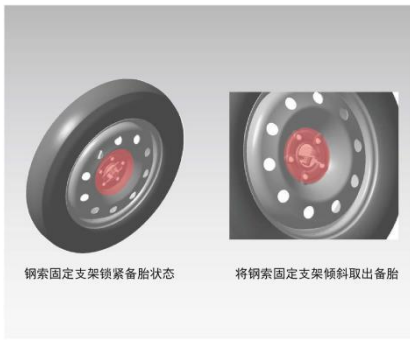
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7

8

9

## Replace the spare tire

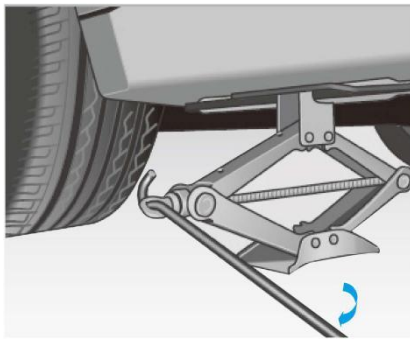


钢索固定支架锁紧备胎状态

将钢索固定支架倾斜取出备胎

4. Turn the wheel nut wrench clockwise to retract the cable lock, until the bracket is firmly in place.

### Lifting vehicles



Before jacking up the vehicle, place a piece of wood in front and behind the wheel diagonally opposite to the tire being replaced, and loosen the wheel nuts by half a turn with a wrench. Place the jack on a fulcrum next to the wheel being replaced, and then jack up the vehicle.



**注意**

Do not place the jack in any position other than the specified position. If the jacking position is incorrect, the vehicle body may be dented or an accident may occur when the vehicle falls.



Take the wheel nut cover clips from the vehicle tools bag. 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 flat tire. Clean all the dirt from the wheel hub surface and then install the spare tire. Tighten the wheel nuts in a crosswise order as shown in the figure until the wheel is close to the brake hub. Lower the vehicle to the ground and remove the jack. Tighten the wheel nuts in the same crosswise manner. Then install the nut decorative cover with the wheel nut cover clip. Use appropriate torque when tightening the wheel nuts.

### Fixing a flat tire

The method for installing a flat tire is the reverse of the steps for removing the spare tire.

- Check the spare tire inflation pressure regularly to prepare for emergency use at any time. Keep the spare tire inflation pressure at the highest specified value to ensure that it can be used in any situation (city/highway driving, various loads, etc.). When the spare tire has not been used for many years, please contact Dongfeng Fengxing Vehicle Authorized Service Station to ensure that your tire can still be used safely.

- The spare tire can only be used in emergencies and is not allowed to be used for a long time.

- The spare tire is not allowed to be installed on the steering wheel (i.e. the 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 installed on the steering wheel.

## Replacement of light bulbs

### illustrate

Replacing a bulb usually requires removing certain vehicle parts, so professional skills are required to perform related operations, otherwise the lampshade may be damaged. If a replacement is required, please contact Dongfeng Fengxing authorized service station.

name	Bulb Type
Headlight (high beam)	H7 12V 55W
Headlights (low beam)	H7 12V 55W
Front turn signal lights	PY21W
Front position lights	led
Daytime running lights	led
Side turn signal	led
Rear turn signal lights	WY21W
Reversing lights	W16W
After fog	led
License plate light	W5W
Front dome light	led
Rear ceiling light	led
Luggage compartment light	C10W
Brake lights	led
High mounted brake light	led

## Headlight Calibration

When a new car leaves the factory, the headlights are already calibrated. If you often use the trunk to carry heavy objects, the headlights may need to be recalibrated. If you need to calibrate the headlights, please contact Dongfeng Fengxing authorized service station.

## FAQ

Why does the headlight glass sometimes become foggy?

Generally speaking, the fog observed in the headlights is caused by the condensation of water in the lamp body material when it evaporates and encounters lower temperatures. This is a normal physical phenomenon, and the fog will eventually dissipate after each formation.

The method to eliminate fog is as follows: During driving, after turning on the low beam for a period of time, the fog in the effective area in front of the headlight will be able to dissipate.



注意

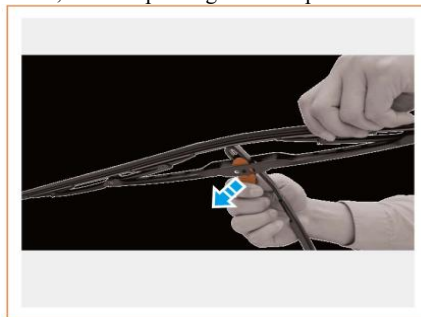
- When the headlights are turned on, the surface temperature of the headlights is very high. Please do not touch the surface of the lamps directly to avoid burns.

- To avoid damaging the headlights, do not use aggressive abrasives or chemical solvents to clean the headlights. Do not rub the headlights or use sharp objects to clean the headlights when the headlight cover is dry.

## Replacement of windshield wiper blades

### Front wiper blade replacement

1. Lift the wipers away from the windshield. Lift the driver's side wiper arm first, then the passenger side wiper arm.

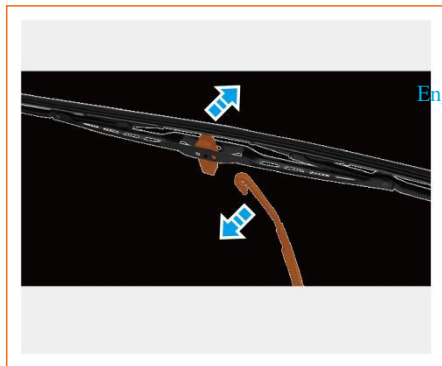


2. Hold the wiper arm with your right hand, and press the wiper blade with your left hand to press down in the direction shown in the figure. Separate the arm from the wiper blade and remove the wiper blade.

## Fuse replacement

### Fuse Box Location

Engine compartment fuse box



3. Separate the wiper arm from the wiper blade and remove the wiper blade.
4. Replace the new wiper blade assembly in reverse order. Make sure the wiper blade is correctly installed.



注意

Do not open the bonnet when the wiper arms are raised; otherwise, the bonnet and wiper arms may be damaged.

### Rear wiper blade replacement



1. Lift the wipers away from the rear windshield.
2. Pull the rear windshield wiper blade in the direction of the arrow and Remove.
3. Just follow the reverse steps from step 1 to step 2 for the rear wiper blade.



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.

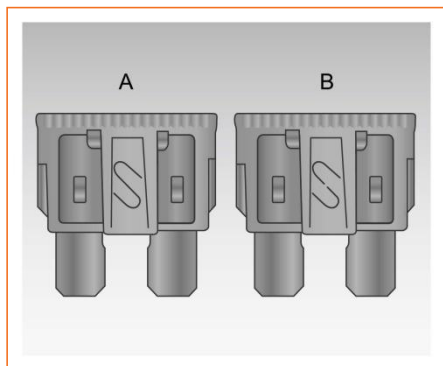
Look at the fuse.

Indoor fuse box



The interior fuse box is located behind the storage box on the lower left corner of the driver's side. The fuses can be viewed by removing the storage box.

### Check the fuse



A: Normal

B: Fuse blown

Fuses protect the car's electrical equipment by preventing electrical overloads in the circuit. A blown fuse indicates a fault in the circuit it protects. If you need to check the fuse, you can remove it from the fuse box and check to see if the metal wire in the fuse is blown.

### Fuse replacement

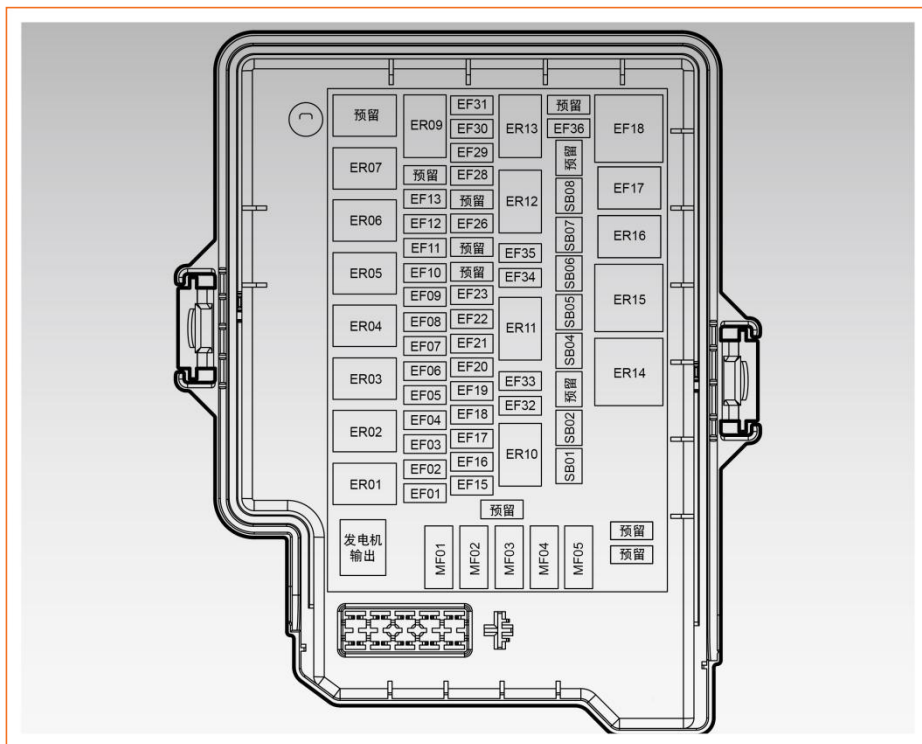
There is a fuse puller in the indoor fuse box. Use the puller to pull the fuse straight out of the fuse box. If the fuse is not blown, the fault has another cause. In this case, you should contact Dongfeng Fengxing authorized service station as soon as possible.

Look for the blown wire in the fuse. If it has, replace it with a spare fuse of the same or lower ampere rating. If you use a spare fuse of lower ampere rating and it blows again, replace it with a fuse of the same rating.

If the replacement fuse with the same rating blows again in a short time, it indicates that the vehicle may have a serious electrical fault.

In this case, you should contact the Dongfeng Fengxing authorized service station as soon as possible.

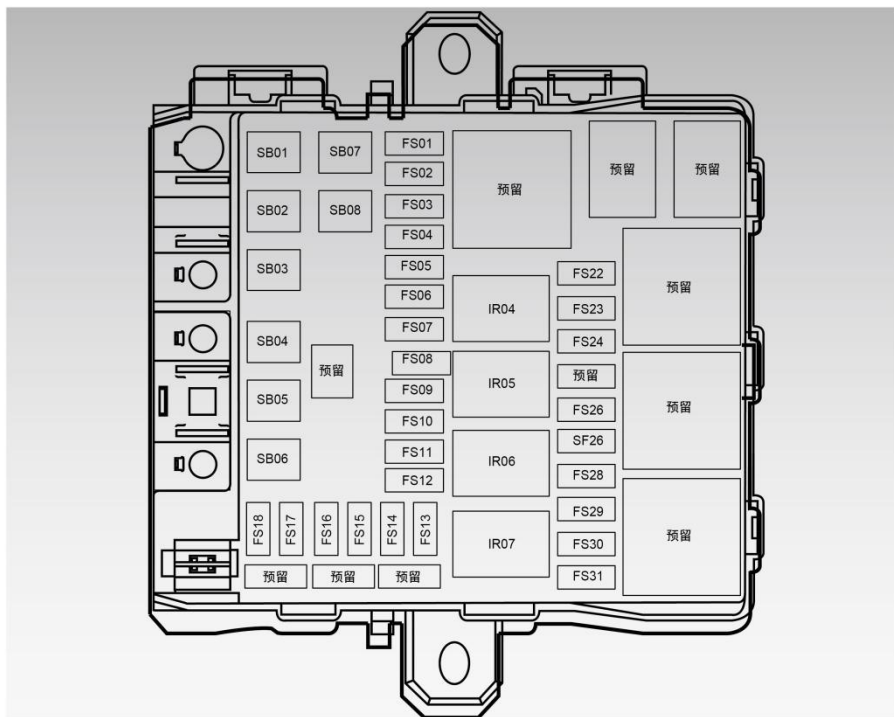
# Engine compartment fuse box layout



serial number	name	Rated current (ampere)	illustrate
MF01	Battery positive fuse	125A	-
MF02	Electric power steering fuse	60A	-
MF03	Electronic fan control fuse	50A/60A/80A	-
MF04	Instrument fuse box fuse	50A	-
MF05	Instrument fuse box fuse	50A	-
SB01	ESP/ABS MTR B+ fuse	40A	-
SB02	Front blower fuse	40A	-
SB04	VLC Fuse	40A	-
SB05	High speed fan fuse	30A/40A	-
SB06	ESP/ABS SOL B + Fuse	40A	-
SB07	Start fuse	25A	-
SB08	Low speed fan fuse	30A	-
EF01	EFI relay fuse	7.5A	-
EF02	Ignition coil fuse	15A	-
EF03	EFI actuator fuse	15A	-
EF04	EFI sensor fuse	10A	-
EF05	VLC Fuse	15A	-
EF08	Fuel pump fuse	15A	-
EF09	Electric power steering fuse	5A	-

serial number	name	Rated current (ampere)	illustrate
EF10	Brake switch fuse	5A	-
EF11	EMS and VLC IGN Fuses	10A	-
EF12	fallfilesSwitch TCU Fuse	7.5A	-
EF13	Blower coil power fuse	5A	-
EF15	TCUB+ Fuse	5A	-
EF16	ECU B + Fuse	10A	-
EF17	Generator fuse	7.5A	-
EF18	B + Powerfuse	5A	-
EF19	TCUSB+ Fuse	20A/25A	-
EF20	TCU B+ Fuse	25A	-
EF21	Vacuum pump fuse	25A	-
EF22	Relay coil fuse	5A	-
EF23	TCUB+ Fuse	25A	-
EF26	Speaker fuse	15A	-
EF28	DCT water pump relay fuse	5A	-
EF29	Brake lightsfuse	7.5A	-
EF30	Compressor fuse	10A	-
EF31	ESP/ABS SOL B + Fuse	25A	-
EF32	Left low beamfuse	7.5A	-
EF33	UkonLight fuse	7.5A	-
EF34	Left high beam fuse	7.5A	-
EF35	Right high beamfuse	7.5A	-
EF36	Start feedback fuse	5A	-

## Indoor fuse box layout



serial number	name	Rated current (ampere)	illustrate
SB01	Ignition switch fuse	30A	-
SB02	Door lock/rear washer fuse	20A	-
SB03	LeftFront leftRear window lift fuse	30A	-
SB04	Right front left rear window lift fuse	30A	-
SB06	Rear defrost fuse	25A	-
SB07	Front/rear wiper fuse	20A	-
SB08	Start fuse	30A	-
FS01	PEPSfuse	10A	-
FS02	ESCL Fuse	10A	-
FS04	Diagnosis / luggage compartment light fuse	10A	-
FS05	Outdoor Light Fuse	20A	-
FS06	Instrument clusterfuse	5A	-
FS07	Indoor ceiling light fuse	10A	-
FS08	Skylightfuse	20A	-
FS10	Head unit insuranceSilk	15A	-
FS11	Air conditioning and rearview mirror switch fuse	10A	-
FS12	Front washer fuse	10A	-
FS13	Airbag fuse	10A	-
FS14	Radar fuse	7.5A	-



serial number	name	Rated current (ampere)	illustrate
FS15	Instrument/BCM fuse	7.5A	-
FS16	cabinIGN1 Fuse	15A	-
FS17	Ceiling IGN2 fuse	5A	-
FS18	Instrument IGN2 fuse	5A	-
FS22	Backlight fuse	5A	-
FS23	Right front left rear position light fuse	5A	-
FS24	Left front and right rear position light fuse	5A	-
FS26	Car power fuse	15A	-
FS28	meterACC Fuse	7.5A	-
FS29	Blower signal feedback fuse	5A	-
FS31	Heated mirror fuse	7.5A	-

## Vehicle towing



1.Front traction point

2.Rear traction point

If your vehicle requires towing, you should contact a professional vehicle towing service or organization. Never tow your vehicle using only ropes or chains.

### Traction method

#### Tablet device

The operator can load the vehicle on the truck. This is the best way to transport the vehicle.

#### Wheel lift device

A tractor has two arms inserted under the front wheels of the vehicle, lifting the wheels off the ground while keeping the rear wheels on the ground. This is a feasible method of towing a vehicle.

- When using wheel-lifting traction, the traction mileage should not exceed 80 km and the speed should be below 30 km/h.
- If your vehicle is equipped with a front spoiler, remove it before towing to avoid damage. Do not lift or tow your vehicle by the bumper, as this may cause serious damage.
- When installing the towing cable, special attention should be paid to prevent the steel cable from damaging the vehicle body.
- When using all-wheel towing, a properly designed device with a towing bar must be used. Set the ignition switch to ACC to unlock the steering wheel.
- If the transmission cannot shift gears or the engine cannot be started, the only option is towing with a raised wheel.

## Bridge activation

### introduce



If the engine fails due to insufficient battery power Start by using jumper cables from another vehicle.Accumulation Jumpering is dangerous, so be careful when operating.

#### Procedure

- 1.Put the shift lever inNshift to the next gear, pull up the parking brake lever, and turn off the ignition switch.
- 2.Use jumper cables to connect the negative terminals of the two vehicles to theThe positive and negative poles are connected, and the two cars cannot touch each other.
- 3.Start the vehicle. Allow the engine to idle for a few minutes.
- 4.After the vehicle is running, first remove the negative electrodes of the batteries of the two vehicles,

then remove the positive cable.

The cooling fan and other running parts of the engine can cause serious injury. When the engine is running, be sure to keep your hands away from the running parts of the engine. When starting the engine with an auxiliary cable from another vehicle, you must follow the instructions for correct operation. Incorrect operating procedures may cause fire, explosion or damage to the vehicle.

## Engine overheating

### Introduction

After the engine has been running for a while, the water temperature gauge should stabilize at the middle scale. If the water temperature gauge is in the red scale area, the water temperature indicator is on, or steam comes out from under the engine hood, stop the car immediately for inspection.

### Countermeasures

1. Pull the vehicle safely to the side of the road and put the shift lever in N gear, pull up the parking brake lever. Turn off all electrical accessories, turn on the hazard warning lights.
2. When the engine is running steadily, turn on the Close the engine hood to ventilate the engine compartment. Check whether the radiator fan is rotating. If the fan does not rotate, stop the engine immediately and contact the Dongfeng Fengxing Automobile Authorized Service Station as soon as possible.
3. After the engine coolant temperature drops to normal, turn off the engine.
4. Check the coolant level in the expansion tank. If the expansion tank is empty, be sure to wait until the engine cools down before opening the expansion tank cap. Otherwise, hot steam or boiling water may spray out of the filling port and cause burns.
5. If necessary, add coolant to the expansion tank. Adding coolant immediately when the engine temperature is high may cause the cylinder head or cylinder block to crack. Therefore, when the engine is running, wait until the engine cools down before adding coolant.
6. Check the radiator hose for coolant leaks. If the fluid level drops, add coolant to the upper limit (MAX) mark and then install and tighten the expansion tank cap.



警告

Never open the bonnet if steam is escaping. Contact with steam and spray from an overheated engine can cause severe burns. Always wait until the engine and radiator have cooled before opening the bonnet.

## Long-term parking

If you need to park your vehicle for an extended period, you should make the following preparations. Proper preparations will help prevent the vehicle from deteriorating and make it easier to restart the vehicle. It is recommended that you park your vehicle indoors.

1. Add fuel, change engine oil and filter.
2. Clean the interior of the vehicle and ensure that carpets, floor mats, etc. are dry.
3. Lower the parking brake lever and move the shift lever to N gear, block the rear wheels with an obstacle.
4. If the vehicle needs to be stored for a long time, use a jack to raise the vehicle body so that the tires are off the ground.
5. Disconnect the negative battery terminal.
6. Use a folded towel or cloth to secure the front wiper arm. The sheet is raised so that it does not touch the windshield.
7. To reduce sticking, apply spray the door seals with silicone lubricant and apply body wax to the painted surfaces where the door and tailgate seals meet.
8. Use a "porous material" such as cotton. Non-porous materials such as plastic sheeting can trap moisture and damage the paint on the body of the car.
9. If possible, run the engine briefly periodically to bring it up to operating temperature. (The cooling fan starts and stops twice.) It is recommended to start the engine once a month.



注意

If the vehicle has been parked for a year or longer, the vehicle may not start or the vehicle's maneuverability may deteriorate after starting the vehicle. In this case, you should contact the Dongfeng Fengxing authorized service station as soon as possible.

## Engine compartment

### Open the engine hood



1. Pull up the bonnet release handle at the lower guard plate of the left pillar, and the bonnet will pop up slightly.



2. Use your finger to push the safety lock lever located in front of the engine hood and raise the engine hood.

### Close the bonnet



Lift the engine bonnet hood to the closed position. Place it at a height of about 30cm, let go and let the engine hood fall freely and then close it.

1

2

3

4

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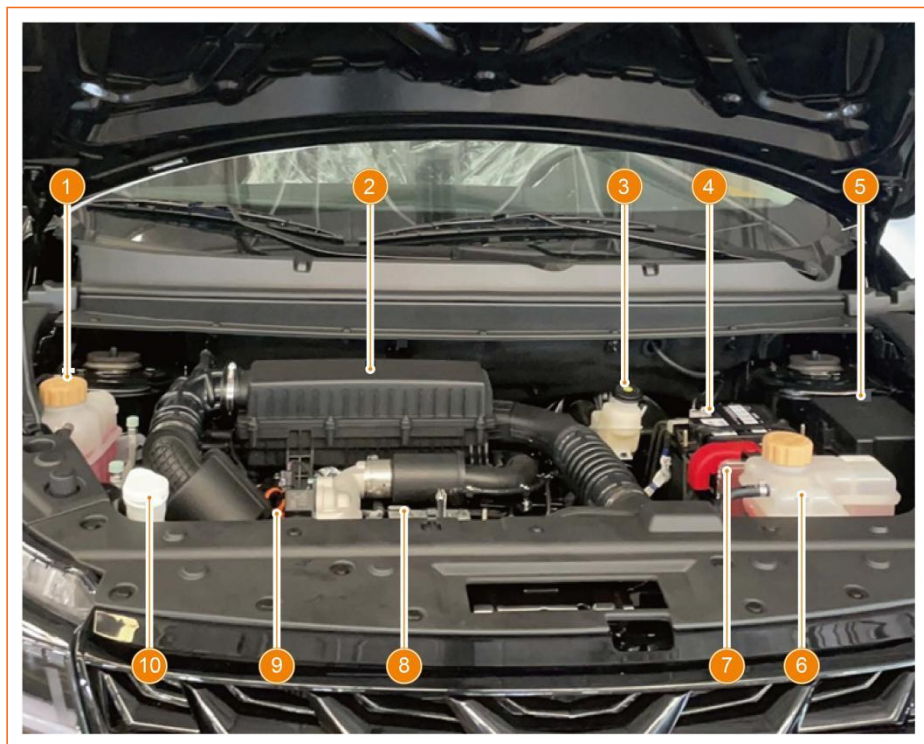
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8

9

## Cabin layout

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



- 1. Engine coolant reservoir
- 2. Air filter
- 3. Brake fluid reservoir
- 4. Battery
- 5. Engine compartment fuse box

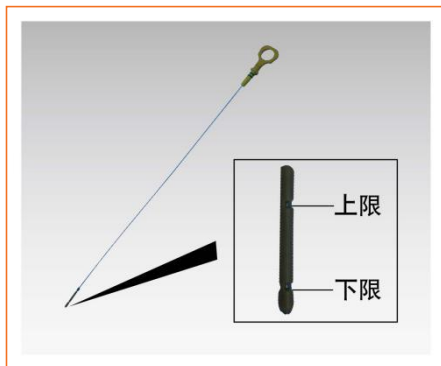
- 6. Intercooler coolant expansion tank
- 7. ECU
- 8. engine
- 9. Oil dipstick
- 10. Washing fluid tank

## Check the startEngine oil check

### Engine oil inspection method

Engine oil is a consumable to ensure the normal operation of the engine. The engine oil level should be checked regularly. For example, before each long-distance trip, the engine oil should also be checked. Park the vehicle on a level surface to preheat the engine, turn off the engine and wait for about 3 minutes before checking the engine oil level.

### Engine oil level



Remove the dipstick.

1. Wipe the dipstick clean with a clean cloth or paper towel.
2. Insert the dipstick fully back into the socket.
3. Take out the dipstick again and check the engine oil level. The engine oil level must be within the upper and lower limits.between the mouth marks.



警告

Check the engine oil level regularly. Insufficient engine oil may damage the engine, and such damage is not covered by the warranty.

## Engine oil filling



Unscrew the engine oil filler cap and fill the engine oil.

Replace the engine oil filler cap and tighten it. Preheat the engine, then shut it off and After 3 minutes, check again. Check the engine oil level on the dipstick.



Pour the engine oil slowly to avoid spilling. If spilled, clean up immediately to avoid engine damage. Add as much oil as required to keep the level close to the upper limit to avoid engine damage.

### Recommended engine oil

Engine oil plays an important role in engine performance and life.

To ensure your vehicle's excellent driving performance, you should use high-quality purified engine oil.

Yes, it is recommended that you use the engine oil specified by Dongfeng Fengxing.

### Please choose the appropriate engine oil

Applicable condition	model	Engine oil brand	Filling amount
annual	4C15TD	SN level and above 5W-30	First filling 4.3L, maintenance Fill 4L

### Engine Oil Additives

Fengxing T5 cars do not need any engine oil additives. Additives cannot improve the performance and durability of the engine and transmission.



Dongfeng Liuzhou Motor Co., Ltd. will not assume any responsibility for any adverse consequences to the engine caused by the use of additives.

## Coolant

### Coolant Check



Check whether the liquid level is at the upper limit (MAX) and lower limit (MIN) scale line. If it is lower than the lower limit scale line, add coolant to the coolant expansion tank to the upper limit position.

### Coolant Addition

Open the expansion tank cap to add coolant, and close the cap tightly after adding. Coolants of different brands cannot be mixed, otherwise chemical reactions will easily occur, affecting the service life of the engine. You should always use the four-season antifreeze coolant specified by Dongfeng Fengxing. Do not use antifreeze and water instead of four-season antifreeze.



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

## Brake fluid

### Brake fluid level check



- 1.The brake and clutch fluid reservoirs should be checked monthly.of liquid level.
- 2.Be sure to use brake fluid specified by Dongfeng Fengxing, or brake fluid approved by Fengxing Automobile in a sealed container.DOT4 products of the same grade, different brake fluids cannot be mixed.
- 3.The liquid level should be at the lower limit on the tank wall.If the fluid level is at or below the MIN mark, check the brake system for leaks and check whether the brake pads are severely worn.

### Brake fluid replacement

Brake fluid absorbs moisture from the air, but too high a water content can cause corrosion damage to the brake system and significantly reduce the boiling point of the brake fluid. Therefore, the brake fluid should be replaced according to the requirements of the regular maintenance table. If you need to maintain the brake fluid, please contact Dongfeng Fengxing's authorized service station.



警告

- Do not mix brake fluid with liquids containing mineral oil (engine oil, gasoline, etc.), as mineral oil will damage the seals and sealing plugs of the brake system.
- Brake fluid is toxic and should be kept out of the reach of children. If accidentally ingested, go to the hospital for examination immediately.
- Brake fluid is corrosive and is not allowed to come into contact with vehicle paint. Once it overflows and falls onto the vehicle paint, it must be cleaned with plenty of water.



**警告**

- Brake fluid can damage the skin. If it is accidentally splashed onto the skin or eyes, rinse with plenty of water. If you feel any discomfort, go to the hospital for examination immediately.

## Brake fluid maintenance and technical requirements

The brake fluid maintenance period is every Replace after 2 years or 40,000 km, whichever comes first. Brake fluid technical requirements should meet GB 12981/ISO 4925 relevant provisions.

## Inspection of the washer fluid



Check whether there is enough washer fluid in the washer fluid tank. If you find that the wiper spray function does not spray water, you can add some washer fluid to the washer fluid tank.

**注意**

- High-quality windshield washer fluid can improve dirt removal ability and prevent freezing in cold weather.
- Antifreeze will damage the vehicle's surface paint, and vinegar and water solvent will damage the windshield washer water pump. It is recommended to use the windshield washer fluid specified by Dongfeng Liuzhou Motor Co., Ltd.

## Air conditioning system

### Air conditioning system maintenance

The vehicle's air conditioning system is a closed system, and any important maintenance work (such as recharging refrigerant) should be performed by a qualified technician. You can do

To ensure the air conditioning system works effectively.

Check the engine radiator and air conditioner regularly. Condensation Removes leaves, insects and dust that have accumulated on its front surface. This buildup can restrict airflow, reducing cooling effectiveness.

**注意**

- The condenser fins and radiator fins are very easy to bend. They can only be cleaned with a low-pressure water gun or a soft brush.
- In cold months, the air conditioner should be turned on at least once a week for at least ten minutes each time, and the vehicle should be driven at a constant speed and the engine temperature should be normal. This is to circulate the lubricating oil contained in the refrigerant.
- If the cooling effect of the air-conditioning system decreases, please contact Dongfeng Fengxing authorized service station.
- Whenever you overhaul the air conditioning system, you should ask the service station to ensure that the refrigerant recycling system is used. This system can recycle the refrigerant for reuse. Releasing the refrigerant into the atmosphere will pollute the environment.

## Dust and pollen filter

Dust and pollen filters remove heating and cooling Tie Pollen and dust brought in from the outside.

This filter is regularly maintained every 20,000 kilometers. Must be replaced.

### replace

The dust and pollen filter is located in the passenger compartment.

1. Open the passenger storage box.
2. Squeeze the dust and pollen filter on both sides to Unhook the tabs on both sides and remove the filter.
3. Insert a new dust and pollen filter.
4. Close the passenger storage compartment.

## When the air conditioner is not used for a long time

Even in cold weather, run the air conditioner for 5 minutes at least every two weeks. This is to prevent the lubrication of the parts inside the compressor from deteriorating and to keep the air conditioner in the best operating condition.



## Air filter



The air filter element should be replaced according to the time and mileage specified in the regular maintenance table. If the air filter is not installed properly, it is easy for air dust to enter, causing abnormal wear of the cylinder body. If you need to replace the filter element, please contact Dongfeng Fengxing authorized service station.

## Fuel Filter

The fuel filter should be replaced according to the time and mileage specified in the regular maintenance table. It is recommended that you replace the fuel filter every 3 years or 60,000 kilometers, or when you find that the fuel is contaminated. When driving in dusty areas, the filter will be more easily blocked, so please shorten the replacement mileage appropriately. If you need to replace the fuel filter, please contact Dongfeng Fengxing authorized service station.

## Battery



The battery is located on the left side of the engine compartment and is mainly used to provide power for engine starting.

This vehicle is equipped with a maintenance-free battery.

## Battery usage and precautions

1. Do not drive for a long time when the engine is stopped. Turn on the lights, stereo, wipers and other electrical appliances.
2. If the car is parked for more than five days, it is recommended to connect the negative terminal of the battery. Unplug the terminals to prevent the vehicle's electrical appliances from consuming battery power.
3. After parking, pay attention to the lighting, sound, air conditioning and other electrical devices turned off.
4. The battery condition should be checked monthly. Check the terminals for corrosion (white or yellowish powder). If there is corrosion, please contact Dongfeng Fengxing authorized service station.

## Emergency treatment of electrolyte contact

Battery electrolyte is highly corrosive and toxic. If you come into contact with it accidentally, please handle it as follows:

1. Eyes: Flush with water in a cup or other container for at least 15 minutes. And seek medical attention immediately.
2. Skin: Take off contaminated clothing and wash with plenty of water. Rinse skin with water and seek medical attention immediately.
3. In case of accidental ingestion: drink water or milk and seek medical attention immediately.



- If you need to connect the battery to other chargers, disconnect both the positive and negative cables to avoid damaging the electrical equipment on the vehicle. Disconnect the negative cable first, and connect the negative cable last when reconnecting.
- During normal operation, the battery will produce explosive hydrogen gas. Sparks or open flames will cause the battery to explode, and the explosion energy is enough to cause serious injury.

## Tire

To drive your vehicle safely, the tyres must be of the correct type and size for your vehicle, with good tread and appropriate tyre pressure.

The following pages provide detailed information on how to maintain and replace your tires.



### 注意

Using tires that are excessively worn or underinflated can cause an accident and personal injury.

All instructions in the Owner's Manual regarding tire inflation and maintenance must be followed.

## Inflation Overview

Maintaining proper tire pressure can achieve the best combination of handling, tread life and driving comfort. Underinflated tires wear unevenly and affect handling and fuel consumption, and are more likely to leak due to overheating.

Over-inflated tires reduce ride comfort, are more susceptible to damage from uneven roads, and wear unevenly.

### Tire pressure label



This vehicle is affixed with a tire pressure label. This label is located below the driver's side door frame and indicates the vehicle's front and rear wheel pressures and spare tire pressure.



### 注意

- Before each drive, it is recommended that you visually inspect the wheels.
- Check tire pressure with a tire pressure gauge at least once a month.
- Tire pressure should be measured when the tires are cold.
- If necessary, inflate or deflate the tire to the recommended cold tire pressure listed on the driver's side door frame placard.
- You should always use a tire pressure gauge to check your tires.



### 注意

If the tire is still hot (after driving a few kilometers) Check the tire pressure. The pressure reading will be 30 to 40KPa higher than the reading when the tire is cold. This is normal. to the specified cold tire pressure reading and release gas, which will cause the wheel pressure insufficient.

### Tire inspection

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

You should check:

1. Damage or bulges on the tread or sidewalls.

In one case, the tire should be replaced.

2. Scratches, cracks or breaks on the side of the tire. If the tire fabric or cord is damaged, the tire should be replaced.

3. Excessive tread wear.

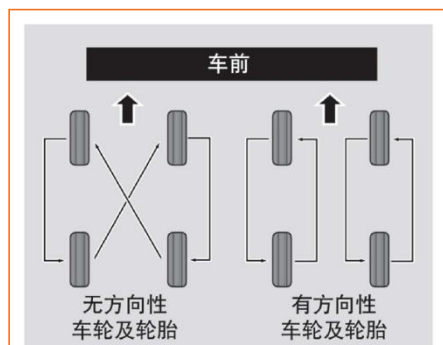


The tires must be kept in good condition and the tire surface flower. The tread should be deep enough. You can use the raised points inside the tire running belt to measure the degree of tire wear. If the tire is 1.6 mm thick, it must be replaced. Lack of traction when driving on wet roads.

### Tire maintenance

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

## Tire rotation



To extend the tire service life and make the tire wear even, the tire position should be rotated every 10,000 kilometers. Each time you rotate the tire, you should follow the method shown in the figure above.

### Changing tires and wheels

Replacement radial tires should be selected with the same size, load range, speed rating, and maximum cold tire pressure (marked on the side of the tire). Mixing radial tires with bias tires will reduce the vehicle's braking ability, driving force (ground adhesion), and steering precision. Using tires of different sizes or structures will cause the ABS to not work properly. The anti-lock braking system (ABS) works by comparing the rotation speed of the wheels. Therefore, when replacing tires, you must use tires that are the same size as the original tires on the vehicle. The size and structure of the tires will affect the wheel rotation speed and may cause the system to operate uncoordinatedly. It is best to replace all four tires at the same time. If this is not possible or necessary, replace two front or rear tires in pairs. Replacing only one tire will seriously affect the vehicle's handling. If you need to replace the wheel, make sure the specifications of the new wheel match those of the original wheel. Before replacing the wheel, please contact Dongfeng Fengxing authorized service station.

### Wheel and tire specifications

#### Rim specifications:

18×6.5J

#### Tire specifications:

225/60 R18

For the tire size suitable for this vehicle, please refer to the tire label on the driver's side door frame or contact Dongfeng Fengxing authorized service station.

### Winter tires

Since summer tires have limited suitability for winter use, it is recommended to use winter tires on icy and snowy roads. When installing winter tires, all four wheels should be installed at the same time to ensure safe driving. Only tires of the same brand and appearance should be used. When purchasing, pay attention to the size, load capacity and speed rating of the tire. Install winter tires according to the markings on the registration card.

If you choose winter tires with a lower speed rating, do not drive at a speed exceeding the maximum speed rating of the tires.

### Snow chains

Snow chains should only be used in emergencies or when driving through specific areas where this is expressly permitted by law.

Snow chains should be installed on at least two driving wheels at the same time. It is forbidden to install snow chains on only one of the front or rear wheels. Do not install snow chains on both left or right wheels. Please follow the instructions of the snow chain manufacturer for specific installation precautions. The suggestions provided in this manual are for reference only. The actual installation is subject to the communication between the owner and the snow chain manufacturer.

The vehicle's handling performance is poor after installing anti-skid chains. You should drive at a low speed, avoid full load, and choose anti-skid chains that match the vehicle's tires. Please read the component assembly diagram and other instructions from the anti-skid chain manufacturer carefully.

### Tire pressure monitoring system

The tire pressure monitoring system is used to dynamically monitor tire pressure and temperature. When the tire pressure and other conditions are abnormal, the instrument cluster will display a corresponding alarm message (see the "Tire Pressure" section of the "Instruments" section in Chapter 2 for details). When using the tire pressure monitoring system, the following matters need to be noted:

1. Please keep the tire inflation pressure at the standard pressure as much as possible nearby.
2. If the tire is repaired or removed, there is no need to re-match the tire pressure sensor as long as the tire pressure sensor is not replaced and the original tire pressure sensor is not damaged due to tire installation or removal.

3. When the vehicle is stationary, the tire pressure sensor does not send data to the outside, and only sends data when the vehicle is moving. Therefore, the tire pressure information displayed when the vehicle is stationary is the information when the vehicle was last moving. Therefore, after the tire is deflated or inflated, if you want to update the tire pressure data, you need to drive the vehicle at a speed of more than 30km/h for 1 minute, and the tire pressure and temperature data will be updated on the instrument cluster.

4. Vehicle tire position swap, tire pressure sensor location After the change occurs, the tire pressure needs to be matched again.

### 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 tools are stored under the luggage compartment carpet. The reflective vest is placed in the passenger compartment.

## Regular maintenance

### Daily inspection items

project	Check content
Engine oil level	The engine oil level should be checked at every refueling.
Engine coolant level	The coolant level should be checked at every refueling.

project	Check content
Brake pedal	Check the brake pedal every time before driving. No. Each time you operate the vehicle, drive it as before. Check the parking brake.
Parking brake lever	Before operating the vehicle each time, check whether the horn is on.
trumpet	Regular inspection. Trunk cover and all other
Car door	Doors (including rear doors) Every week you should check whether the air conditioner is opened and closed and whether the lock is securely installed.
Air conditioning system	The operation should be checked every month. Check the cleaning fluid
Windshield washer fluid	Stock.
Windshield wipers	Check the condition of your wipers monthly.
Brakes and Clutches	Check the fluid level monthly. Check tire pressure once a month.
tire	Check the wear of the tread and any abnormalities once a month.
Battery	The device should be used in accordance with the weather conditions and the wind conditions.
Windshield defrosting device	When using air conditioning, check the defrost device Check the headlights and taillights every month.
Headlights	The condition of the headlights, taillights, high mounted stoplights and license plate lights.

### Appearance maintenance

Regular and professional maintenance can keep your vehicle in good condition. The following will introduce how to keep the vehicle's appearance clean, including: paint, polishing and wheels, as well as relevant anti-corrosion measures.

#### CAR WASH

Wash your car regularly to help preserve its appearance. Dust and grit can scratch the paint, and leaves and bird droppings can permanently damage the finish. Wash your car in the shade.

While drying the car body, check for paint loss or scratches. If found, repair them with touch-up paint.

- Chemical solvents and strong detergents can damage the paint, metal and plastic parts of the vehicle. Rinse the vehicle thoroughly with cool water to remove loose dust.
- Check the car body for asphalt, leaves and other dirt. Use asphalt remover or turpentine to remove such dirt, and then rinse with clean water immediately to avoid damaging the surface finish of the car body.
- After you have cleaned the entire surface of the car, wipe it dry with a soft towel. Drying it naturally in the air will cause the surface of the car to lose its luster or form water stains.

## Waxing

Waxing your vehicle helps prevent dust and road chemicals from sticking to it. Waxing should be done after the entire vehicle has been washed and dried. Waxing should be done at least once every three months to help protect the vehicle. Use high-quality liquid wax or paste wax. Follow the instructions on the packaging when using. There are generally two types of products:

### 1. Car body wax

Car body wax is a wax applied to the paint surface to protect it from damage by sunlight, air pollution, etc. This type of wax should be applied to newly purchased cars.

### 2. Polishing wax

Polishing wax can repair oxidized or tarnished paint and restore its shine. This type of wax usually contains mild abrasives and solvents that can remove the oxidized surface of the paint. If the paint does not restore its original gloss after applying body wax, you should apply polishing wax.



**注意**

When cleaning with detergent to remove dirt such as asphalt and insects, it will cause dewaxing. Therefore, it is necessary to add wax at the dewaxing location.

## Paint repair

When small cracks and scratches appear in the paint coating, they should be repaired immediately using a special repair film or repair paint to prevent corrosion.

## Aluminum Alloy Wheels

The vehicle's aluminum wheels should be cleaned at the same time as the rest of the exterior. Wash with the same solution and rinse thoroughly with water.

## Front cabin water tank

The front water tank is located in front of the windshield and below the wiper cover. It is a very important water flow structure at the front of the vehicle and is equipped on all models.

The drainage condition of the front cabin water trough should be checked every 5,000 kilometers, and the area above the front cabin water trough (wiper cover) should be kept clean and tidy to avoid blockage or water accumulation in the drainage holes and water pipes inside the water trough, which may cause damage to related electrical equipment. If blockage or water accumulation is found, please contact Dongfeng Fengxing authorized service station in time.

## Vehicle sealing strip

The sealing strip is a rubber sealing component installed on the car door or body. It is one of the components to ensure the waterproof sealing of the car door and belongs to other components.

The surface of the sealing strip should be cleaned in time during vehicle use to avoid excessive wear caused by gravel or hard particles on the surface of the sealing strip. If the surface of the sealing strip is found to be worn or damaged, please contact the Dongfeng Fengxing authorized service station in time.

## Internal maintenance

### carpet

You should often use a vacuum cleaner to remove dust from the carpet. Too much dust will accelerate the damage of the carpet. Regularly washing with detergent can keep the carpet clean and new.

### Braid

The fabric should be vacuumed frequently to remove dust and dirt. It can be washed with low-temperature neutral soapy water and then air-dried.

### Vinylon

Use a vacuum cleaner to remove dust and dirt. Use a soft cloth soaked in mild soapy water to scrub the vinyl to remove stubborn stains. You can also use a spray or foam vinyl cleaner.

### leather

Always vacuum to remove dust and dirt, especially around wrinkles and seams. Clean the leather with a soft cloth and water, then wipe it dry with another soft, dry cloth. If further cleaning is required, use a soap designed for leather cleaning.

## Car Windows

Use glass cleaner to clean the inside and outside of your car windows. Dry all glass and plastic surfaces with a soft cloth or paper towel.

## Seat belts

If the seat belt becomes dirty, clean it with a soft brush and mild warm soapy water. Do not use bleach, dyes or cleaning solvents, as these will reduce the durability of the seat belt. Do not use the seat belt until it is dry.

Too much dust on the loops of the seat belt connection parts will cause the seat belt to retract slowly. Use a clean soft cloth dipped in neutral warm soapy water or isopropyl alcohol to wipe the inside of the loop. It is not recommended to disassemble the seat belt for cleaning. If you must disassemble it for cleaning, please contact Dongfeng Fengxing Special Service Station.

## Air Freshener

If you need to use air freshener or deodorant in your car, it is recommended to choose solid type. Some liquid air fresheners contain chemical ingredients that can cause fiber breakage or fading of car interior fabrics and woven fabrics.

If you use liquid air fresheners, make sure they are securely fastened to prevent them from splashing while driving.

## Corrosion protection

There are two common reasons why vehicles corrode:

1. Moisture trapped in pores in the vehicle body.
2. The protective paint and protective layer on the body surface and bottom of the vehicle are peeling off.

## Emission Control

### Exhaust system

The exhaust emission control system is an efficient system that controls exhaust emissions while maintaining good vehicle performance.

Any modification to the vehicle's exhaust emission control system is prohibited, otherwise it will affect the vehicle's handling, safety and stability, and may even violate relevant regulations.

In addition, any damage or performance failure to the vehicle caused by modifications to the exhaust emission control system will not be covered by the warranty.

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## Technical Parameters

### Engine compartment

#### Vehicle identification information

Your vehicle has several identification numbers located in different places.

- 1.The vehicle's factory nameplate is located on the lower part of the right center pillar of the vehicle body.surface.
- 2.The vehicle identification number is engraved on the right wheel housing in the engine compartment On sheet metal.



- 3.The engine number is stamped on the engine block.
- 4.The transmission number is located on a plate on top of the transmission.
5. The vehicle identification number is affixed to the left side of the instrument panel body assembly.



- 6.The vehicle identification number is affixed to the right side of the rear tailgate inner panel.
- 7.The vehicle identification number is affixed to the surface of the transmission.
- 8.The vehicle identification number is affixed to the inside of the storage compartment.
- 9The vehicle identification number is pasted on the rightInside the B-pillar inner panel.

10. The vehicle identification number is affixed to the right front wallMiddle of the A-pillar inner panel.

11. The vehicle identification number is affixed to the front of the engine hood inner paneldepartment.

### Vehicle factory nameplate



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 displacement
- 7.Engine Model
- 8.Maximum allowable total mass
- 9.Maximum Net Engine Power
- 10.Number of passengers
- 11.Year of manufacture



注意

- Use X431 diagnostic instrument to enter the engine EMS system through the OBD diagnostic port and read the vehicle VIN code information from the engine ECU version information. Yuanzheng X431 diagnostic instrument can be purchased at Dongfeng Fengxing authorized service stations or the equipment official website.
- Use the OBD II scan tool to read the vehicle VIN code information through the OBD diagnostic port.
- The above vehicle identification code reading tools are not equipped with the vehicle. If you need to purchase them, please contact Dongfeng Fengxing authorized service station.



## Microwave Window



The vehicle's microwave window is located at the level of the front windshield.

Middle, vertically upper position.

The vehicle electronic identification should be installed in the center left of the microwave window. It should not be blocked by the rearview mirror mounting bracket, sensor bracket, etc. The identification stores the relevant information of the vehicle.

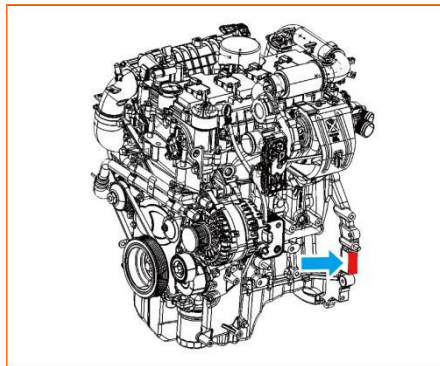


### 注意

- Please keep the front windshield clean and dry; do not apply film or metal materials to the microwave window to ensure the standardized installation of the vehicle's electronic identification and effective reading of data.
- Please do not block, squeeze or dismantle the vehicle's electronic logo! If the logo is damaged, please reapply to the logo issuing agency in time.

## Engine number

4C15TD Engine number label  
location



## Main dimensions of the vehicle

project	unit	LZ6480X15B2/LZ6480X15B3
Vehicle Length	mm	4785
Vehicle width	mm	1872
Vehicle height	mm	1775
Front wheel track	mm	1575
Rear wheel track	mm	1575
Wheelbase	mm	2753

## Vehicle quality parameters

project	unit	LZ6480X15B2	LZ6480X15B3
Number of passengers	people	5	7
Curb Weight	kg	1540	1590
Front axle curb weight	kg	853	852
Rear axle curb weight	kg	687	738
Maximum quality	kg	1915	2115
Maximum front axle mass	kg	963	948
Maximum rear axle mass	kg	952	1167

## Engine parameters

project	unit	LZ6480X15B2/LZ6480X15B3
Engine Model	/	4C15TD
Type	-	Inline four-cylinder, turbocharged direct injection
Displacement	L	1.5
Bore × stroke	mm	φ 75×84.48
Compression ratio rated	-	9.7
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		LZ6480X15B2/LZ6480X15B3
Transmission type		6MT
Suspension system	Front suspension	McPherson independent suspension
	Rear Suspension	Multi-link independent suspension
Steering system	Support form	Electric power assist
Braking system	Structural type	X-type hydraulic dual circuit, vacuum booster
	Front brake	Caliper disc brake, ventilated disc
	Rear brake Vacuum booster with brake master cylinder assembly	Caliper disc brake, solid disc
	gap	/
	Front and rear brake clearance	0.1 ~ 0.4mm
	Brake pedal free travel	1 ~ 12mm

## Reasonable use range of brakes

project	LZ6480X15B2/LZ6480X15B3	
Front wheel brake disc	Setting value(mm)	25
	Use limit (mm)	twenty three
Front wheel friction plate	Setting value(mm)	12
	Use limit (mm)	2
Rear brake disc	Setting value(mm)	11
	Use limit (mm)	9
Rear wheel friction plate	Setting value(mm)	10
	Use limit (mm)	2
Parking shoe	Setting value(mm)	3.5
	Use limit (mm)	1

## Vehicle dynamics

project	unit	LZ6480X15B2/LZ6480X15B3
Maximum speed	km/h	175
Maximum climbing grade	%	30

## Vehicle passability

project	unit	LZ6480X15B2/LZ6480X15B3
Approach angle (no load)	°	20
Departure angle (no load)	°	twenty one
Longitudinal breakover angle (no load)	°	twenty two
Minimum turning diameter	m	11.5 200 (no load)
Minimum ground clearance	mm	180 (full load)

## List of fluids

project	Specification	capacity
gasoline	92# or 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
Intercooler circuit coolant	OAT-35	4.9±0.5L
MT Transmission Fluid	75W-90	2.2L
Brake fluid	DOT3 or DOT4	0.6 ~ 0.8L
Windshield washer fluid	NFC-60	2.5L
Air conditioning refrigerant	HFC-134a	500±20g

## Comprehensive fuel consumption

project	unit	LZ6480X15B2/LZ6480X15B3
Fuel consumption	L/100km	7.8

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

## Wheel alignment parameters

project	parameter	
Wheel toe angle	Front wheel	0.1° ± 0.04°
	rear wheel	0.06° ± 0.08°
Camber	Front wheel	-0.5° ± 0.5°
	rear wheel	-0.33° ± 0.5°
Caster Angle	Front wheel	5.5° ± 0.5°
Kingpin inclination angle	Front wheel	11.9° ± 0.5°

## Tire size

project	LZ6480X15B2/LZ6480X15B3
Tire specifications	225/60 R18
Rim specifications	18×6.5 J 230kPa (no load)
Tire pressure	230kPa (full load)
Spare tire specifications	T155/90 R17
Spare tire pressure	420kPa

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Emission requirements

Specify emission maintenance technical requirements

Engine ECU

The operation of the engine ECU must comply with the following requirements:

- 1.connect ECU and wiring harness connector, make sure The system power is off, that is, the start switch is off. Do not plug or unplug the ECU when the start switch is on. Avoid touching the ECU with any part of your body when the power is on.Exposed portion of ECU pins or ECU wiring harness.
- 2.Sparks caused by static electricity may cause ECU is damaged. Try to avoid contact between ECU and static electricity.
- 3.Do not expose the ECU to voltage exceeding 16VVoltage above.
- 4.No reverse connectionECU voltage positive and negative.
- 5.Do not use any product that has physical damage on the surface ECU. ECU The shell surface must not be scratched or coated with any unapproved materials, and paint or other insulating liquids are not allowed to be sprayed on the ECU pins.
- 6.Do not use any tools or objects to hit Any part of the ECU.
- 7.Avoid electromagnetic fields and radio frequency interference sources.ECU.
- 8.Should ensure The ECU is effectively fixed and grounded during installation.
- 9.To avoid burning the ECU when repairing the vehicle with electric welding, if possible, disconnect the power to the ECU and remove it, and keep away from electric welding.

Emission control key components information

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

Model	LZ6480X15B2/LZ6480X15B3				
Emission control key componentsname	Engine ECU	Oxygen Sensor	Three-way catalytic converter	Particle collector	Catalytic converter assembly
Emission control key component models	MG1US008	LSU/LSF4	M4-1205030	M4-1205040	M4-1205031
Manufacturer	United Automotive Electronics Co., Ltd.		Kunming Guiyan Catalyst Co., Ltd.		Liuzhou Mingshi Automobile Technology Co., Ltd.
Effective service life	Five years or 100,000 kilometers				

10.When the battery is charged with an external battery pump, the electrodes must maintain firm contact.

Oxygen Sensor

When the engine is running and the air-fuel ratio becomes leaner, the concentration of oxygen in the exhaust gas will increase. At this time, the output voltage of the oxygen sensor is close to 0V. When the air-fuel ratio becomes richer, the concentration of oxygen in the exhaust gas decreases and the output voltage of the sensor is close to 1V. The engine oxygen sensor does not need any adjustment or repair.

The oxygen sensor will fail if:

- 1. The oxygen sensor electrical connector is damaged.
- 2. The zirconium element inside the oxygen sensor is broken and damaged.
- 3. The oxygen sensor heating element circuit is open or shorted.
- 4. The oxygen sensor sensing element circuit is open or short-circuited.
- 5. Oxygen sensor thermistor is shorted to case.
- 6. The oxygen sensor heating element circuit is short-circuited to the housing.

Precautions for using oxygen sensors:

- 1. Do not drop the oxygen sensor or collide it with a hard surface.to avoid damaging the ceramic element or the heating element.
- 2. After installing the oxygen sensor, avoid Applying a large impact force may damage the oxygen sensor.
- 3. Avoid pollution caused by organic matter such as carbon deposits, engine oil, lead, etc.The sensor output signal is inaccurate.