T5 使用手册

T5 User Manual

英语

English

Foreword

Dear users:

Congratulations on owning a Forthing T5 car. Thank you for your trust in Dongfeng Forthing. The Manual introduces the information on safe driving, equipment operation and vehicle maintenance of Forthing T5. The information will help you use the vehicle correctly so that you can truly feel the driving pleasure brought by Forthing T5.

The contents and illustrations of vehicle given in the Manual can facilitate you to understand your car quickly. The following eleven chapters describe in detail how to use each facility of the vehicle. Before using the vehicle, please carefully read these documentations delivered with the vehicle. Since information provided in these documentations are very important for guaranteeing the drive and property safety, please strictly observe and properly keep these documentations.

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

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

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

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

If you want to know more about Forthing T5, welcome to our website:

https://www.forthingmotor.com/

(Official website) Wish you a pleasant journey!

Dongfeng Liuzhou Motor Co., Ltd.

January 2024

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

Configuration description

* Asterisk

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

Safety Instructions

Safety label plates — Attached to the vehicle.

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

Danger	Used to indicate the danger that may cause serious personal injury or death.
Warning	Used to indicate the danger that may cause personal injury or other damage.
Caution	Used to indicate the danger that may cause minor personal injury or vehicle injury.

Data safety instructions

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

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

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3. Daytime running light
4. Engine hood
5. Front turn signal
6. Front position light
7. Front fog light

Type II

1. Exterior rearview mirror
2. Headlight (integrated high and low beams)
3. Daytime running light
4. Engine hood
5. Front turn signal
6. Front position light

Rear of vehicle

Type I

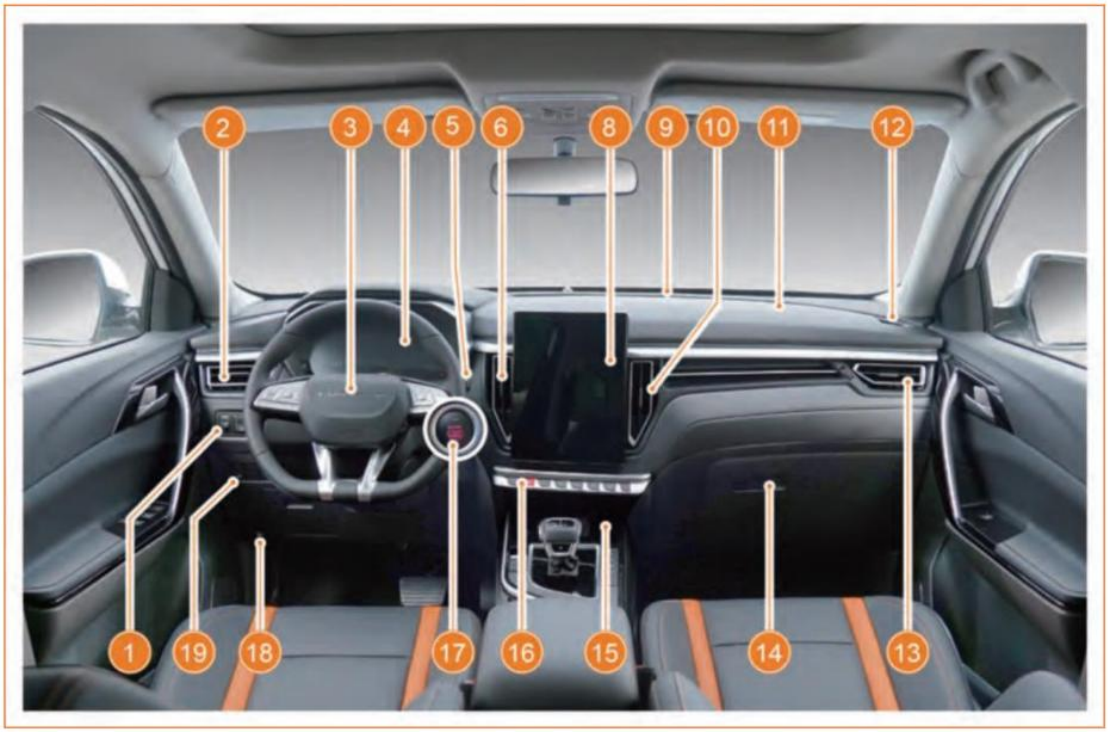
1. Rear position light
2. Reversing light
3. High-mounted brake light
4. Turn signal
5. Rear fog light (integrated retro reflector)
6. License plate light
7. Brake light

Type II

1. Rear position light
2. Reversing light
3. High-mounted brake light
4. Turn signal
5. Rear fog light (integrated retro reflector)
6. License plate light
7. Brake light

Cabin

Type I



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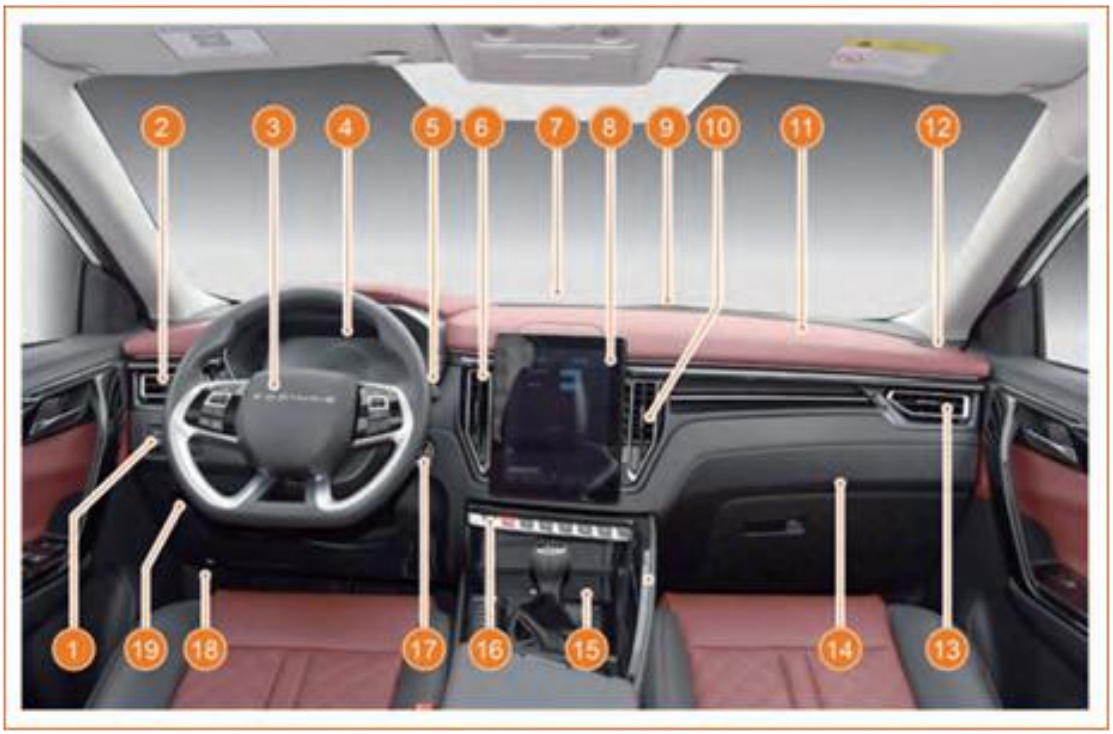
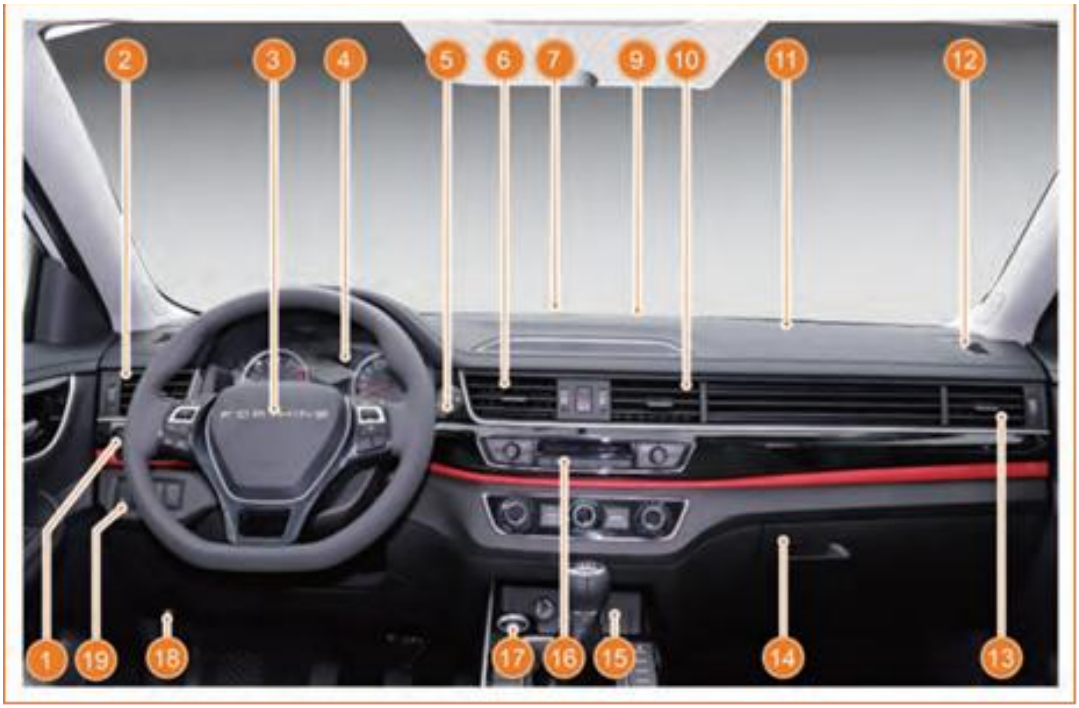
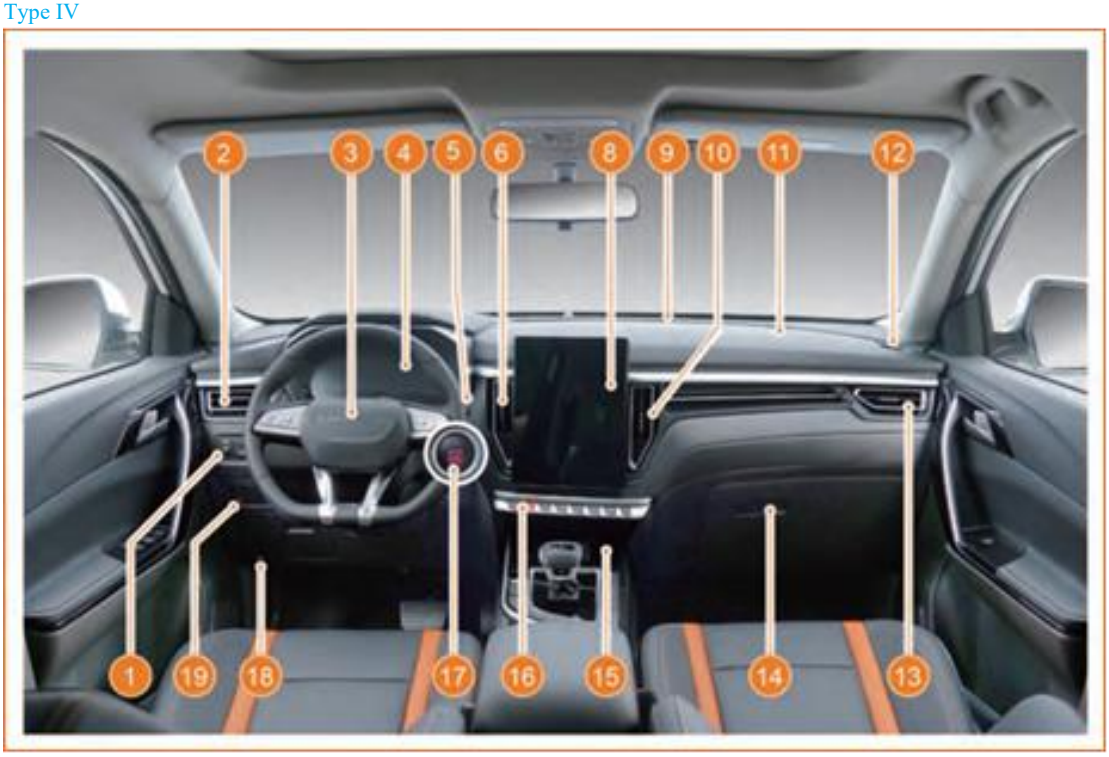


Type III



Type IV



1. Rearview mirror and headlight adjustment switch
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18. Fuel tank cap release handle
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Instrument Cluster

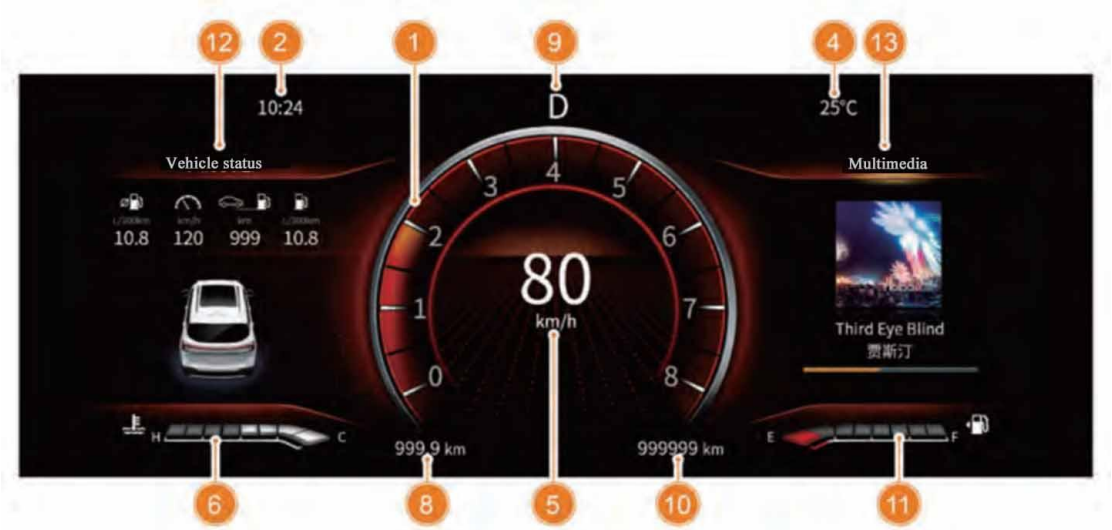
Instrument cluster indication

Type I

Classic theme

Science theme

Sports theme



1. Tachometer
2. Time
3. Comprehensive information A
4. Exterior temperature
5. Speedometer
6. Coolant thermometer
7. Comprehensive information B
8. Trip
9. Gear
10. Total mileage
11. Fuel gauge
12. Comprehensive information C
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Type II

MT model

Vehicle with automatic transmission

1. Fuel gauge
2. Gear
3. Time
4. Rotating speed
5. Speedometer
6. Exterior temperature
7. Coolant thermometer
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9. General information
10. Trip

Type III

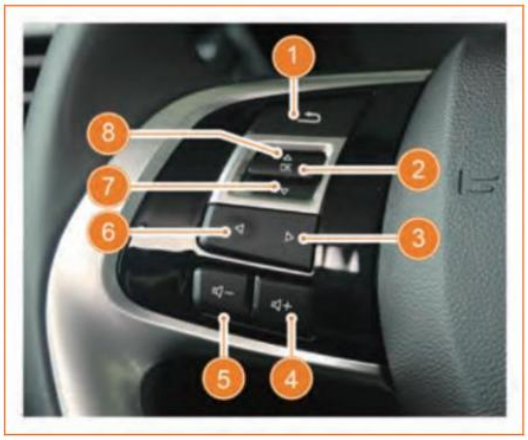
1. Tachometer
2. Fuel gauge
3. Speedometer
4. Reset/set button
5. Display screen
6. Coolant thermometer
7. Switching button

Display screen settings

Steering wheel button adjustment mode

The display content in the "comprehensive information" area can be switched by pressing the UP/DOWN button, OK button, and BACK button on the steering wheel.

Type I



1. Return button: Return to the previous menu.

2. Confirm button: select settings in the setting interface.

3. Right button: switch the options in the setting rightward.

4. Volume Up Key: Press the volume up button.

5. Volume Down Key: Press the volume down button.

6. Left Key: Select options in the settings by moving left.

7. Down Key: Navigate downward to select options within the settings.

8. Up Key: Navigate upward to select options within the settings.

Type II

1. Return button: Return to the previous menu.

2. Up Key: Navigate upward to select options within the settings.

3. Confirm button: select settings in the setting interface.

4. Down Key: Navigate downward to select options within the settings.

5. Right button: switch the options in the setting rightward.

6. Left Key: Select options in the settings by moving left.

7. Volume Down Key: Press the volume down button.

8. Volume Up Key: Press the volume up button.

Caution

- Long Press: The button should be pressed for 2 seconds or more.
- Short Press: The button should be pressed for less than 2 seconds.

Pointer gauge (type I)

Tachometer

The tachometer displays the number of engine revolutions per minute (×1000 r/min). To prevent damage to the engine, do not drive at a speed in the red number zone.

Speedometer

The speedometer displays the current vehicle speed (km/h). Affected by tire pressure, road condition, climate and other factors, an error may occur between the indicated speed and the actual one.

Fuel gauge

The fuel gauge indicates the amount of fuel in the fuel tank. When turning or driving on uneven road sections, the fuel level displayed may slightly differ from the actual fuel level. If the pointer is near E and the low fuel level indicator lights up, it indicates insufficient fuel in the tank. Refuel promptly.

Coolant thermometer

The coolant thermometer indicates the current temperature status of engine coolant. When the scale is close to H, and the coolant temperature alarm indicator illuminates, it means that the engine is overheated. In this case, park the vehicle in a safe place as soon as possible, shut down the engine, and then contact the authorized service station of Dongfeng Forthing as soon as possible.

Time

It indicates the current time. This time is updated in real-time according to the multimedia display screen's time.

Exterior temperature

The display range of exterior temperature is -40°C to 87°C. The exterior temperature sensor may be affected by road, engine heat, wind direction, and other driving conditions, causing the displayed temperature to differ from the actual exterior temperature, as well as from the temperature on various signs or bulletins.

Gear

For models with automatic transmission, the current gear and driving mode are displayed.

Odometer

The odometer consists of two parts: subtotal mileage and total mileage. The subtotal mileage is displayed at the lower left of the instrument cluster while the total mileage is displayed at the lower right of the instrument cluster. The subtotal mileage ranges from 0 to 9999.9 km, and will automatically reset to 0 and begin accumulation display again once the limit is exceeded.

The display range of total mileage is 0~999999 km. When the accumulated mileage reaches this value, it stops accumulating and displays 999999 km.

Subtotal mileage resetting method is as follows:

Type I instrument cluster

Classic theme:

Press the Return button to switch to "Comprehensive information B", and then press the up/down button to switch to "Average fuel consumption" or "Average vehicle speed". At this point, long press the OK button for 2s to reset the subtotal mileage.

Science/Sports theme:

Switch "Comprehensive information C" to the "Vehicle status" page, and press and hold the OK button for 2s to reset the subtotal mileage.

Type II instrument cluster

Switch to the "Average fuel consumption/Average vehicle speed" page, and long press the confirmation button for 2s to reset the trip mileage.

Due to the impacts of tire pressure, road conditions and weather, an error may occur between the indicated miles and the actual ones.

Comprehensive information B (Type I)

Short press the return button on the steering wheel to switch back and forth between comprehensive information area A and comprehensive information area B. When the comprehensive information area B is selected (highlighted), short press the up or down button on the steering wheel to switch back and forth among digital speed, driving range, average vehicle speed, instantaneous fuel consumption and average fuel consumption.

Average fuel consumption

The average fuel consumption is calculated from the instantaneous fuel consumption and the current subtotal mileage.

The display range of average fuel consumption is 0~30 L/100 km.

When the subtotal mileage is reset, the corresponding average fuel consumption will also be reset.

Average speed

The average vehicle speed is calculated from the mileage and travel time when the engine is running, with a display range of 0 ~ 200 km/h. When the subtotal mileage is reset, the corresponding average vehicle speed will also be reset.

Instantaneous fuel consumption

Display the current fuel consumption information. Display range: 0~30L/100km in non-static status; 0~9.9L/h in static status. This information can help you to adjust your driving behavior to achieve your desired fuel consumption level.

Driving range

The driving range is estimated and displayed based on the latest comprehensive fuel consumption and the remaining fuel in the fuel tank, indicating the maximum distance the vehicle can continue to travel. The display range is of 50~999 km. When the endurance mileage drops below 50 km, an alert will appear on the interface.

Caution

- After refueling, the driving range will be recalculated.
- The displayed driving range value will change according to the recent comprehensive fuel consumption.
- When the fuel level is low, the indicator illuminates. Even if the vehicle can travel

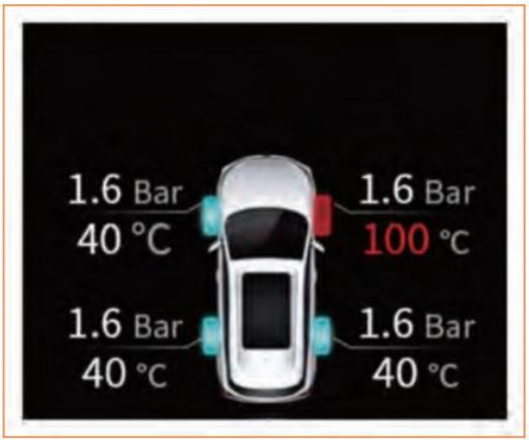
further, refueling is still required.

- When the vehicle is running on a hillside or curved road, the fuel in the fuel tank will shake and the display may change in a short time.

Comprehensive information A (Type I)

Short press the steering wheel's back button to switch between comprehensive information zones A and B. When zone A is selected (highlighted), short press the up/down buttons on the steering wheel to switch among vehicle status, multimedia, navigation, driver assistance, tire pressure monitoring, and settings.

Tire pressure*



It indicates the pressure value and temperature value of corresponding tire. When the tire pressure is abnormal, the display interface will give a prompt accordingly.

Caution

- Please try to keep the tire inflation pressure near the standard pressure. When "——" appears in the tire pressure display area and the specified tire position lights up, it indicates that the tire pressure monitoring system cannot receive the signal from the tire pressure sensor at the corresponding position, please contact the authorized service station of Dongfeng Forthing.
- If the tire pressure sensor is not replaced due to tire repair, removal or other reasons and the original tire pressure sensor has not been damaged by installing or removing a tire, there is no need to re-match the tire pressure sensor. If it is necessary to re-match the tire pressure system after the tire pressure sensor is replaced or the tires are rotated, please contact the authorized service station of Dongfeng Forthing.
- When the vehicle is stationary, the tire pressure sensor will not send data to the outside. It only sends data when the vehicle is running. Therefore, the tire pressure information displayed at a standstill is that of the last time the vehicle was in operation. Therefore, after deflation or inflation of tires, if it is necessary to update the tire pressure data, drive the vehicle at a speed above 30 km/h for 1 minute, and then the tire pressure data can be updated on the instrument cluster.
- After the vehicle tires are rotated and the positions of the tire pressure sensors change, the tire pressure shall be matched again.

Driving assistance *

According to different vehicle configurations, the following functions can be displayed on this interface:

- Blind Spot Detection
- Lane departure warning
- LKA
- Forward collision warning
- Emergency brake assist
- Automatic emergency braking

For details of driver assistance, refer to the instructions in Chapter VII Driving.

Vehicle status *

This interface displays the current service

status of doors, sunroof and lights.

Multimedia

This interface can show incoming call information or the details of the current radio station/music being played. When there is an incoming call, the call information will be prioritized for display.

Navigation

1. Simple navigation information

The navigation map will be displayed while the simple navigation information is displayed; the navigation information will be updated in real time with the navigation information on the multimedia display screen.

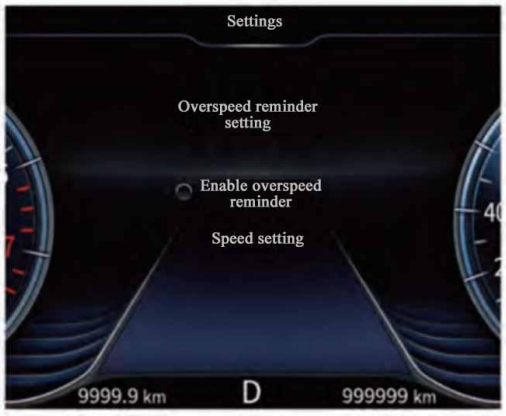
Settings

Switch the comprehensive information area A to the setting interface, and short press OK button on the steering wheel to enter "Settings". At this time, short press up/down button on the steering wheel to switch back and forth among alarm information inquiry, overspeed alarm setting, instrument brightness adjustment, instrument volume adjustment, subject setting, language setting, factory reset and version information. When the corresponding option is selected, the selected item will be highlighted. At this time, press OK button to enter the next menu. Press the back button to return to the previous menu; press the up and down buttons to switch options.

Vehicle alarm and reminder information

The current vehicle's alarm information can be viewed in real time. Additionally, this interface offers suggested handling measures for corresponding alarm alerts.

Overspeed reminder setting



The setting range of overspeed warning is 60km/h~200km/h.

When the overspeed warning function is activated, the set value of overspeed warning can be adjusted, and the value increases or decreases progressively at a rate of 5 km/h.

When the displayed vehicle speed is greater than or equal to the set speed, relevant alarm functions of the instrument cluster will be triggered.

Caution

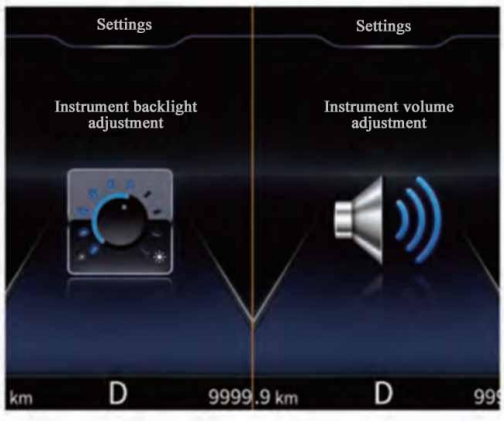
When the vehicle is powered off (with the battery disconnected), the overspeed reminding function will

be disabled.

Theme settings

The display mode of the instrument cluster can be selected via buttons on the steering wheel.

Instrument backlight adjustment & instrument volume adjustment



The backlight brightness and alarm volume of the instrument cluster can be adjusted by pressing buttons on the steering wheel. The backlight brightness increases evenly from Level 1 to Level 10, and the alarm volume increases evenly from Level 1 to Level 3

Language setting

The language mode of the instrument cluster can be selected via buttons on the steering wheel.

Version information

Displays the current software and hardware version numbers.

Restore factory settings

After the manufacturing setting are restored, the subtotal mileage, average fuel consumption, average vehicle speed, over-speed reminder, alarm volume, backlight brightness and display subject

displayed on the instrument cluster will be restored to the values at the time of delivery.

Pointer gauge (type II)

Tachometer

The tachometer shows the engine revolutions per minute (×1000 r/min). To prevent damage to the engine, do not drive at a speed in the red number zone.

Speedometer

The speedometer displays the current vehicle speed (km/h). Due to the influence of tire pressure, road conditions, climate and other factors, there may be an error between the indicated speed and the actual speed.

Fuel gauge

The fuel gauge indicates the amount of fuel in the fuel tank. When turning or driving on uneven road sections, the fuel level displayed may slightly differ from the actual fuel level. If the pointer is near E and the low fuel level indicator lights up, it indicates insufficient fuel in the tank. Refuel promptly.

Coolant thermometer

The coolant thermometer indicates the current temperature status of engine coolant. When the scale is close to H, and the coolant temperature alarm indicator illuminates, it means that the engine is overheated. In this case, park the vehicle in a safe place as soon as possible, shut down the engine, and then contact the authorized service station of Dongfeng Forthing as soon as possible.

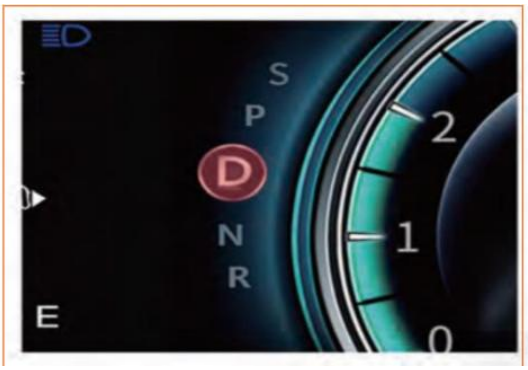
Time

It indicates the current time. The time will be updated in real time along with the time displayed on the multimedia screen.

Exterior temperature

The display range of exterior temperature is -40°C ~ 87°C. The exterior temperature sensor, located at the front bumper's longitudinal beam, is influenced by road conditions, wind direction, and other driving conditions, leading to potential discrepancies between the displayed temperature and actual outdoor conditions or temperatures shown on various signs or notifications.

Gear



For manual transmission（MT）models with gear shift reminder function, except for reverse gear, the displayed gear is not the current actual gear, but the recommended gear according to the current operating condition.

For models with automatic transmission, the current gear and driving mode are displayed.

Odometer

The odometer consists of two parts: Subtotal mileage and total mileage. The subtotal mileage is displayed at the lower left of the tachometer, and the total mileage is displayed at the lower right of the tachometer. The subtotal mileage ranges from 0~9999.9km, and it will be automatically cleared after exceeding the limit and start from 0.

The display range of total mileage is 0~999999 km. When the accumulated mileage reaches this value, the odometer stops accumulating and displays 999999 km.

Subtotal mileage resetting method is as follows:

Switch to the "Average fuel consumption/Average vehicle speed" page, and long press the confirmation button for 2s to reset the trip mileage.

Due to the impacts of tire pressure, road conditions and weather, an error may occur between the indicated miles and the actual ones.

Comprehensive information (type II)

Short press the up/down button on the steering wheel to switch among average fuel consumption, average vehicle speed, instantaneous fuel consumption, endurance mileage, tire pressure and navigation.

Average fuel consumption

The average fuel consumption is calculated from the instantaneous fuel consumption and the current subtotal mileage.

The display range of average fuel consumption is 0~30 L/100 km.

When the subtotal mileage is reset, the corresponding average fuel consumption will also be reset.

Average speed

The average vehicle speed is calculated from the mileage and travel time when the engine is running, with a display range of 0 ~ 200 km/h. When the subtotal mileage is reset, the corresponding average speed will also be reset.

Instantaneous fuel consumption

Display the current fuel consumption information. Display range: 0~30 L/100 km in non-static status; 0~9.9 L/h in static status. This information can help you adjust your driving behavior to achieve your desired fuel consumption level.

Endurance mileage

The estimated endurance mileage is calculated and shown as the maximum distance the vehicle can travel, based on latest comprehensive fuel consumption and the remaining fuel in the tank. The display range is of 50~999 km. When the endurance mileage is calculated to be less than 50 km, "Endurance mileage less than 50 km" will be displayed. After refueling, the endurance mileage will be recalculated.

Caution

- The displayed driving range value will change according to the recent comprehensive fuel consumption.
- When the fuel level is low, the indicator illuminates. Even if the vehicle can travel further, refueling is still required.
- When the vehicle is running on a hillside or curved road, the fuel in the fuel tank will shake and the display may change in a short time.

Tire pressure

It indicates the pressure value and temperature value of corresponding tire. When the tire pressure is abnormal, the display interface will give a prompt accordingly.

Caution

- Please try to keep the tire inflation pressure near the standard pressure. When "-" appears in the tire pressure display area and the specified tire position lights up, it indicates that the tire pressure monitoring system has lost the sensor for that position. Please contact an authorized service station of Dongfeng Forthing.
- If the tire pressure sensor is not replaced due to tire repair, removal or other reasons and the original tire pressure sensor has not been damaged by installing or removing a tire, there is no need to re-match the tire pressure sensor. If it is necessary to re-match the tire pressure system after the tire pressure sensor is replaced or the tires are rotated, please contact the authorized service station of Dongfeng Forthing.

Navigation

Simple navigation information: The navigation information is updated in real time along with the navigation information displayed on the multimedia display screen.

Vehicle alarm and reminder information

When there is vehicle information that requires an alarm or reminder, the comprehensive information area presents the relevant warnings and alerts through text and images.

The vehicle alarm and reminder information can be turned off by pressing the steering wheel button. Once turned off, you can find the related information in the ″Vehicle warning information″ section of the ″Menu″.

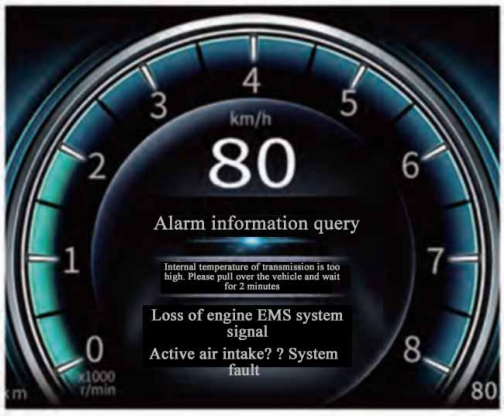
Settings

Short press the OK button on the steering wheel to enter the ″Settings″ interface. At this time, short press the up and down buttons on the steering wheel to switch back and forth among alarm information inquiry, overspeed reminder, volume adjustment, brightness adjustment, factory settings, theme setting, version number and language setting. When the corresponding option is selected, the selected item will be highlighted. At this time, press the OK button to enter the next menu, and press the back button to return to the previous menu; Press the up and down buttons to switch between options.

The setting interface includes the following contents:

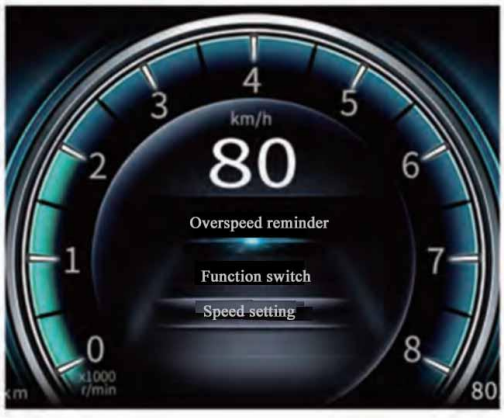
- Alarm information query
- Overspeed reminder
- Volume adjustment
- Backlight adjustment
- Manufacturing settings
- Theme settings
- Version No.
- Language setting

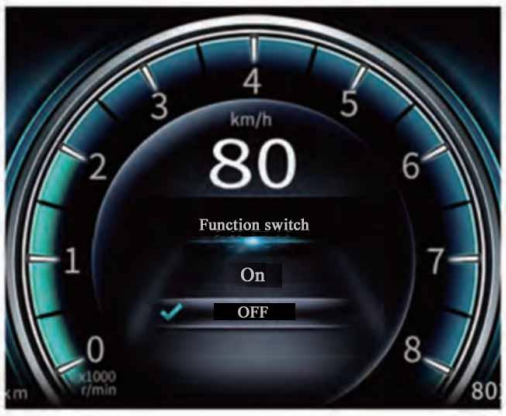
Alarm information query



The current vehicle's alarm information can be viewed in real time. Additionally, this interface offers suggested handling measures for corresponding alarm alerts.

Overspeed reminder





The setting range of overspeed warning is 60km/h~200km/h.

When the overspeed warning function is activated, the set value of overspeed warning can be adjusted, and the value increases or decreases progressively at a rate of 5 km/h.

When the displayed vehicle speed is greater than or equal to the set speed, relevant alarm functions of the instrument cluster will be triggered.

Caution

When the vehicle is powered off (with the battery disconnected), the overspeed reminding function will be disabled.

Backlight adjustment

The backlight brightness of the instrument cluster can be adjusted by pressing buttons on the steering wheel. The backlight brightness increases uniformly from level 1 to level 10. When the position lights are on, the brightness can be adjusted from level 1 to level 8.

Volume adjustment

The alarm volume of the instrument cluster can be adjusted by pressing buttons on the steering wheel. The alarm volume increases uniformly from level 1 to level 3.

Theme settings

The display mode of the instrument cluster can be selected via buttons on the steering wheel.

Language setting

The language mode of the instrument cluster can be selected via buttons on the steering wheel.

Restore factory settings

Manufacturing setting can be selected by pressing the button on the steering wheel.

After the manufacturing setting are restored, the subtotal mileage, average fuel consumption, average vehicle speed, over-speed reminder, alarm volume, backlight brightness and display subject displayed on the instrument cluster will be restored to the values at the time of delivery.

Version No.

Displays the current software and hardware version numbers.

Pointer gauge (type III)

Tachometer

The tachometer shows the engine revolutions per minute (×1000 r/min). To prevent engine damage, do not drive at RPM within the red number zone.

Speedometer

The speedometer displays the current vehicle speed (km/h). Due to the influence of tire pressure, road conditions, climate and other factors, there may be an error between the indicated speed and the actual speed.

Fuel gauge and coolant thermometer

1. Fuel gauge
2. Coolant thermometer

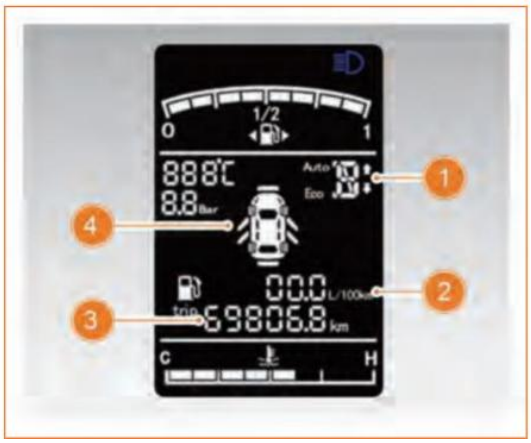
The fuel gauge indicates the amount of fuel in the fuel tank. Displayed in the information center screen as a scale bar. When turning or driving on uneven road sections, the fuel level displayed may slightly differ from the actual fuel level. If the fuel quantity is small, the low fuel indicator illuminates to show that the fuel level in the tank is insufficient and that refueling has to be done as soon as possible.

The water thermometer is included in the display screen of the information center and displayed by scale bars. When the temperature nears H, it indicates a relatively high engine coolant temperature. If the temperature rises above 115°C, the water temperature warning indicator will illuminate. At this point, promptly park the vehicle safely, turn off the engine, and contact a Dongfeng Forthing authorized service station as soon as possible.

Caution

Avoid driving the vehicle with a low fuel level. Driving until the fuel is depleted may cause the engine to stall and could potentially damage the fuel pump.

Information center



2. Average fuel consumption display

3. Odometer

4. Door ajar reminder and tire pressure display mode*

The information center is located on the display screen between the tachometer and the speedometer in the instrument cluster.

Gearshift reminder or gear position display

For gear shift reminder (MT model), the displayed gear is not the current gear but the recommended one.

Door ajar reminder and tire pressure display *

Door ajar reminder: If any door is opened or not closed tightly, the vehicle body and corresponding door in the information center display screen will illuminate.

Tire pressure display mode: It displays the pressure and temperature values of the currently flashing tire. When the tire pressure or temperature is abnormal, the tire pressure warning indicator will illuminate, displaying the temperature and pressure values of the affected tire.

Average fuel consumption display

Based on the instantaneous fuel consumption and mileage, it calculates and displays the average fuel consumption over a specific driving distance.

Display range: 0~30 L/100 km.

When the odometer shows the total mileage, it displays the average fuel consumption for that distance. When it indicates trip mileage, it reflects the average fuel consumption for that specific trip.

Resetting the odometer also resets the average fuel consumption, starting the calculations anew.

As total mileage increases, the average fuel consumption value becomes stable and experiences minimal fluctuations.

Odometer

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

Trip mileage displays the accumulated distance traveled since the last reset. The range is 0~9999.9 km. After exceeding 9999.9 km, the trip mileage will be automatically reset and accumulated and displayed from 0 again.

The total mileage displays the total distance in kilometers that the vehicle has traveled. The range is 0 to 999, 999 km. Once the total odometer reaches this limit, it stops accumulating and displays 999, 999 km.

Due to the impacts of tire pressure, road conditions and weather, an error may occur between the indicated miles and the actual ones.

Control buttons of the information center

1. Switching button

Press the switch button to switch between trip mileage and total mileage.

2. Reset/set button

When the instrument cluster shows the trip mileage, press and hold the reset/setting button to reset the trip mileage. Simultaneously, the corresponding average fuel consumption will also be reset.

Introduction to system indicator

System indicator	Name	Introduction
	Blind spot monitoring indicator (red)*	This indicator will illuminate when the blind spot monitoring system is faulty. At this time, the blind spot monitoring and reminding function is unavailable, please contact the authorized service station of Dongfeng Forthing.
	Lane departure indicator (white)*	When the lane departure system is turned on but its function is not activated, the indicator illuminates in white, which is normal and the vehicle has no fault.
	Lane departure indicator (green)*	When the vehicle speed conditions are met, the lane departure warning system has been turned on, and the indicator illuminates in green, which is normal. The vehicle has no fault. At this time, the system can give lane departure warning.
	EPB MIL (yellow)	This light will illuminate when the EPB System is faulty. At this time, the EPB still has parking ability, but it cannot park automatically. Please depress the brake pedal and press the EPB switch to park, and contact the authorized service station of Dongfeng Forthing as soon as possible.
	AUTO HOLD function indicator (green)	If this indicator illuminates, the automatic parking system is working, which is normal and vehicle has no fault.
	EPB function indicator (red)	When the parking brake is engaged, this indicator illuminates, which is normal and vehicle has no fault. If the light does not illuminate after electronic parking brake is engaged or remains illuminated after the electronic parking brake is fully released, please contact an authorized service station of Dongfeng Forthing.
	Engine MIL (yellow)	If the indicator stays on while the engine is running, it indicates a potential fault in the engine electronic injection system. Please restart the engine and check the indicator. If it remains illuminated, contact an authorized service station of Dongfeng Forthing.
	EOBD MIL（yellow）	The light illuminates when the ignition switch is in the ″ON″ position. After starting, this light turns off, indicating normal operation. If it does not turn off, this indicates a problem with the engine control system. Restart the engine and check the indicator. If it remains on, please contact an authorized service station of Dongfeng Forthing.
	Low engine oil pressure warning indicator（red）	When the ignition switch is turned to the "ON" position, this light will illuminate. After the engine starts, this light turns off, indicating normal operation. If this indicator remains lit or flashes after starting the vehicle, it indicates the engine oil level is too low. Continuing to drive could result in engine damage. Please contact an authorized service station of Dongfeng Forthing immediately.
	Battery charging fault warning light (red)	When the Start/Stop switch is turned to ″ON″ position, this light will illuminate; after the vehicle is started, this light will go out, indicating that the system is in normal working condition. If the light fails to turn off, it signals a battery charging malfunction. You should turn off all electrical accessories, keep the engine running, and reach out to an authorized service station of Dongfeng

System indicator	Name	Introduction
		Forthing.
	Driver side seat belt warning indicator (red)	When the ignition switch is in the "ON" position and the driver hasn't fastened the seat belt, the corresponding indicator illuminates and the buzzer sounds for several seconds, which is normal and fault-free. The indicator will turn off and the alarm will be deactivated only after the driver and front passenger fasten the seat belt.
	Airbag MIL (red)	If it remain illuminates after the vehicle is started, it indicates that the airbag fails. Please contact the authorized service station of Dongfeng Forthing.
	Electronic stability program (ESP) OFF indicator (yellow) *	When the ESP switch on the lower left of the steering wheel is pressed, the ESP system will be turned off and this indicator will illuminate. Press the switch again, the ESP system will be turned on again, and this light will go out.
	Electronic stability program (ESP) working indicator (yellow) *	If the indicator flashes, the ESP system is working, which is normal. If the light keeps on during driving, it indicates a fault in the ESP system. Please contact an authorized service station of Dongfeng Forthing.
	Immobilizer indicator (red) *	When the start switch is turned to ″ON″ position, if the light flashes, it indicates that the key is illegal or the immobilizer authentication fails. Please check whether the key is correct. When the start switch is turned to ″ACC″ or ″OFF″ position, the vehicle enters the immobilizer status. This light illuminates intermittently every few seconds, indicating that the vehicle enters the immobilizer status. It is a normal phenomenon and the vehicle has no fault.
	Brake system MIL(red)	This light will illuminate when the brake fluid level drops to a low level. If it is on during driving, the brake system may be faulty. Please stop the vehicle safely as soon as possible and contact an authorized service station of Dongfeng Forthing.
	ABS MIL (yellow)	If this indicator turns on while driving, it indicates a malfunction in the anti-lock braking system (ABS). At this time, although the vehicle has normal braking capacity, it does not have anti-lock braking function. Please contact the authorized service station of Dongfeng Forthing.
	Turn and hazard signal indicator (green)	The corresponding indicator illuminates or goes out when operating the turn signal. The left and right turn signal indicator and the left and right turn signal indicator will flash at the same time when the hazard warning switch is pressed. If it does not flash or flashes quickly at this time, it usually means that the turn signal bulb is abnormal. Please immediately confirm whether the turn signal bulb is damaged and contact an authorized service station of Dongfeng Forthing.
	Front fog light indicator (green)	When the front fog light is used, this indicator lights up, which is normal and fault-free.
	Rear fog light indicator(yellow)	When the rear fog light is turned on, this indicator lights up, which is normal and fault-free.
	Position light indicator (green)	Type I: When the position light is turned on, this indicator lights up, which is normal and fault-free.

System indicator	Name	Introduction
	Position light indicator (green)	Type II: When the position light is turned on, this indicator lights up, which is normal and fault-free.
	High beam indicator (blue)	When the high beam is used, this indicator lights up, which is normal and fault-free.
	Low beam indicator (green)	When the low beam is used, this indicator lights up, which is normal and fault-free.
	High engine temperature warning indicator (Red)	During normal driving, if the indicator remains on, it signifies the engine coolant temperature is too high. Please slow down and pull over safely, open the engine hood, stop for a rest period of time, wait until the coolant temperature drops before driving. The speed during driving shall not exceed 40 km/h, and contact an authorized service station of Dongfeng Forthing.
	Electronic power-assisted steering MIL (yellow) *	This light will illuminate when the EPS is faulty. If the light is always on during driving, please reduce the speed and pull over safely. Turn off the engine and restart the vehicle 5 minutes later. If the light is no longer on, you can drive normally. If it is still always on, please pay attention to safe driving and contact an authorized service station of Dongfeng Forthing as soon as possible.
	Tire pressure warning indicator (yellow) *	When the tire pressure monitoring function fails, this indicator will illuminate. In the event of underinflation or overinflation, promptly adjust the tire pressure to the standard range: standard pressure ± (standard pressure * 25%). If the tire pressure monitoring system malfunctions, such as in cases of sensor mismatch or loss, please promptly contact an authorized service station of Dongfeng Forthing.
	Start-stop system operation indicator (white) *	Type I: When the start/stop switch is pressed, this indicator lights up and turns white, which indicates that it is in a normal status and the vehicle has no fault.
	Start-stop system operation indicator (green) *	Type II: When the start-stop system meets the working conditions, the start-stop function is ready for activation. At this time, the indicator turns from white to green. At this time, automatic stop will be triggered after braking and stopping, which is a normal state and the vehicle has no faults.
	Start-stop system operation indicator (white)	Type III: When the indicator flashes, it indicates that other systems are faulty and cannot be used at this time.
	Start-stop system MIL (red) *	When there is a fault in the start-stop system, this indicator will light up in red. At this time, the start-stop system cannot be used. Please go to an authorized service station of Dongfeng Forthing for inspection.
	Start/Stop failure indicator (white) *	When the start-stop system is normal, if the vehicle does not meet the conditions for starting and stopping, this indicator will illuminate.
	Low fuel level indicator (yellow)	When the fuel is about to run out, this indicator will light up, indicating that the fuel is too little and shall be filled in time.

System indicator	Name	Introduction
	Automatic transmission MIL (yellow) *	When the automatic transmission is faulty, this light will light up. Please restart the engine. If the indicator is still on, please contact an authorized service station of Dongfeng Forthing.
	Hill descent control working indicator (yellow) *	Type I: When this indicator is normally on, it indicates that the hill descent control function is activated, which is a normal state and the vehicle has no fault. When the indicator flashes, it indicates that the hill descent control system is working, which is normal and the vehicle has no fault.
	Hill descent control working indicator (green)	Type II: When this indicator is normally on, it indicates that the hill descent control function is activated, which is a normal state and the vehicle has no fault. When the indicator flashes, it indicates that the hill descent control system is working, which is normal and the vehicle has no fault.
	Camera working indicator (yellow)*	When the driver assistance camera is dirty or blocked, the indicator will blink at a frequency of 1 Hz for 5s and then stay on in yellow. Please contact an authorized service station of Dongfeng Forthing.
	Camera working indicator (red)*	When the driver assistance system is abnormal, this indicator flashes at a frequency of 1 Hz for 5 seconds and then stays on in red. At this point, all subsystems of the driver assistance system cannot be used. Please contact an authorized service station of Dongfeng Forthing.
	Adaptive cruise control working indicator (white)*	When the adaptive cruise control (ACC) function is turned on but the activation conditions are not met, this indicator lights up in white, which is normal and vehicle has no fault.
	Adaptive cruise control working indicator (green)*	When the ACC function is working, this indicator lights up in green, which is normal and vehicle has no fault.
	Lane keeping working indicator (white) *	When the lane keeping function is turned on but the activation conditions are not met, this indicator lights up in white, which is normal and vehicle has no fault.
	Lane keeping working indicator (green) *	When the lane keeping function is working, this indicator lights up in green, which is normal and vehicle has no fault.
	Forward collision warning (FCW) working indicator (yellow)*	When the FCW system is turned off, this indicator lights up in yellow, which is normal and vehicle has no fault.
	FCW working indicator (red) *	When the FCW system detects that the vehicle may collide with an object ahead, it will give alarm prompts through sound and image. At this time, the indicator will flash red, which is normal and the vehicle has no fault.
	Automatic emergency braking indicator (yellow)*	When the automatic emergency braking system is turned off, this indicator lights up in yellow, which is normal and vehicle has no fault.
	Automatic emergency braking indicator (red) *	When the automatic emergency braking system detects that the vehicle is about to collide with an object ahead, it will automatically take braking measures and give alarm prompts through sound and image. At this time, the indicator will flash red, which is normal and the vehicle has no fault.

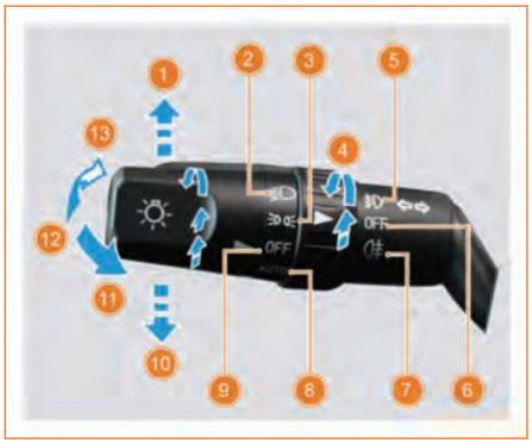
System indicator	Name	Introduction
	Cruise control working indicator (white) *	When the master switch of the cruise control system is turned on but not activated, this indicator lights up in white, which is normal and vehicle has no fault.
	Cruise control working indicator (green) *	When the master switch of the cruise control system is turned on and the cruise function is activated, this indicator lights up in green and the target speed is displayed beside it, which is normal and vehicle has no fault.
	PEPS warning indicator (red) *	The light illuminates when the PEPS system is in an alarm state. The detailed warning information will be displayed in the comprehensive information area in the form of text, which does not mean that the vehicle has a fault.
	GPF status indicator (yellow)	If this indicator lights up and then goes out, it is normal and vehicle has no fault. If the indicator stays on and does not go out, the carbon loading amount of GPF is high. It is recommended to drive in the expressway driving cycle for active GPF regeneration. If this indicator and the OBD malfunction indicator light (MIL) illuminate simultaneously, it means the carbon load in the GPF is extremely high, making high-speed active regeneration difficult. Please contact an authorized service station of Dongfeng Forthing promptly.
	ECO mode indicator (green)	When the transmission is in economical (ECO) mode, this indicator lights up, which is normal and the vehicle has no fault.
	SNOW mode indicator (green)	When the transmission is in snow mode (SNOW), this indicator lights up, which is normal and the vehicle has no fault.
	SPORT mode indicator (green)	For CVT models, when the transmission is in sport mode, this indicator illuminates, which is normal and the vehicle has no fault.
		For DCT models, when the transmission is in sport mode, this indicator lights up, which is normal and the vehicle has no fault.

Control

Light multi-function switch

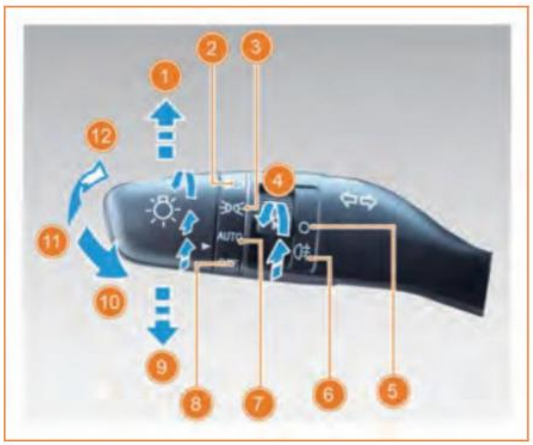
Manual operation of light control multi-function switch

Type I



1. Right turn signal
2. Headlight
3. Position light
4. Fog light control
5. Front fog light
6. Fog light OFF
7. Rear fog light
8. Automatic lighting*
9. Headlight OFF state
10. Left turn signal
11. High beam flashing
12. Low beam
13. High beam

Type II



1. Right turn signal
2. Headlight
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7. Automatic lighting
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9. Left turn signal
10. High beam flashing
11. Low beam
12. High beam

High/low beam switching

With the low beams on, push the control lever towards the instrument panel to its furthest position to activate the high beam; pull it back towards the steering wheel to switch back to low beam.

Automatic lighting on system*

When the switch is turned to the AUTO position, the headlight and other exterior lights will turn on or off automatically depending on the ambient brightness.

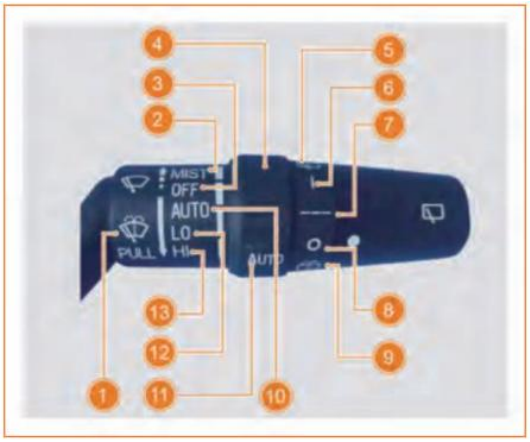
Front headlight height adjustment

When the vehicle is loaded, the rear part of the body may sink, causing the low beam to be raised, which can affect the visibility of oncoming drivers and create safety hazards. At this time, the illumination angle of low beam can be adjusted by adjusting the switch. The headlight height adjustment switch has four ranges, with the low beam angle decreasing sequentially from range 0 to 3.

Wiper multi-function switch

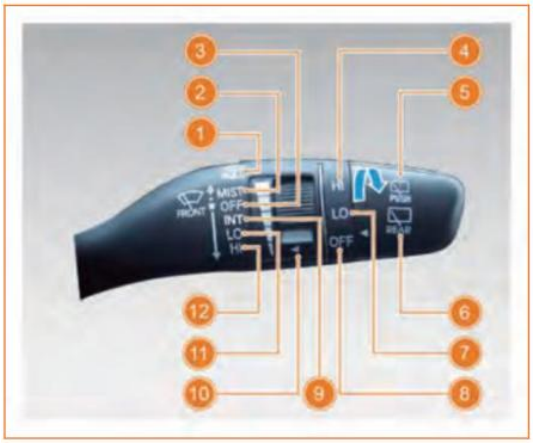
Manual operation of the wiper multi-function switch

Type I



1. Activate the front washer with the front wipers operate at low speed
2. Front wiper inching (low speed)
3. Front wiper OFF
4. Intermittent time/induction sensitivity adjustment ring, with less wiping operation
5. Activate the rear washer with the rear wipers operate at low speed
6. Rear wiper low speed wiping
7. Rear wiper intermittent wiping
8. Rear wiper OFF
9. With the rear washer activated, rotate the wiper knob to the designated position and maintain the knob there for the rear wiper to operate at a low speed
10. Front wiper automatic mode
11. Operation
12. Front wiper low-speed wiping
13. Front wiper high-speed wiping

Type II



1. Front wiper spraying
2. Front wiper inching
3. Front wiper OFF
4. Rear wiper high speed wiping
5. Rear wiper spraying
6. Rear Wiper ON
7. Rear wiper low speed wiping
8. Rear wiper OFF
9. Front wiper intermittent mode
10. Intermittent time adjustment ring
11. Front wiper low-speed wiping
12. Front wiper HI wiping

Wiper Intermittent Time Adjustment

Adjust the "" knob to vary the intermittent time for the wiper in INT mode. There are six settings available, with the adjustable intermittent time ranging from 2 to 12 seconds.

Rain sensing wiper*

In AUTO mode, the front wiper will be turned on or off automatically depending on the amount of rain and its wiping speed will be adjusted automatically depending on the amount of rain. The sensitivity adjusting ring of the rain sensor has 5 gears, and you can adjust the sensitivity of the rain sensor according to your own feeling.

Induction sensitivity adjustment

Adjust "" knob to change the sensing sensitivity in AUTO mode of wiper. There are 6 levels for adjustment.

Front Windshield Washer

Pull the wiper multi-function switch back

towards the steering wheel and hold it in that position, then the washer will activate while the wipers operate at low speed.

Rear windshield washer

Press and hold the wiper multi-function switch handle towards the instrument panel, and then the rear wiper washer will start to work and the rear wiper will keep wiping at a low speed.

Wiper maintenance mode

When the Start switch is put to "OFF" position, pull up the wiper multi-function switch. The front wiper will stop at a position close to the maximum height for easy maintenance of wiper blades. When the Start/Stop switch is turned to ″ON″ position again, the front wiper will automatically return to its original position.

Caution

- As the detection characteristic of the sensor is light balance detection, the wiper may wipe when all vehicles pass through the following road conditions. It is normal if this phenomenon is not too frequent:
  a) Areas where the light changes significantly, such as woods and overpasses.
  b) Foreign matters, such as leaves, fall on the sensor area.
  c) The vehicle is passing through a dusty area, such as following a large vehicle or driving on a construction section.
- The following locations or obstacles may cause detection failures or poor detection performance:
  a) Foreign matters are attached to the sensor surface;
  b) The non-standard communication equipment installed on the vehicle may also affect the function of this system during use.

△ Warning

When checking, cleaning or replacing the wiper in the rain sensor area, please turn off the automatic wiper function to avoid injury to human body.

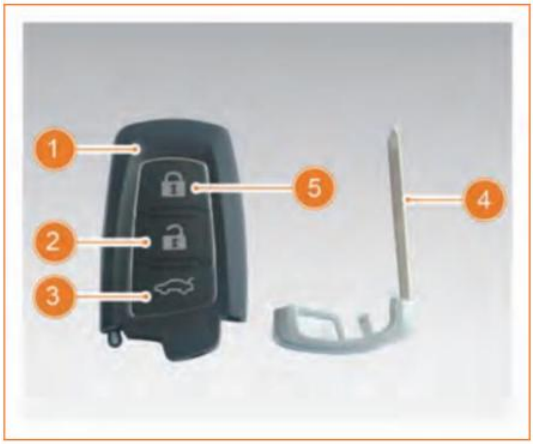
Introduction to Keys

Remote Key*

1. Mechanical key
2. Lock button
3. Remote key indicator
4. Trunk lid unlock button
5. Unlock button
6. Mechanical key release button

Smart key*

Type I



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

Type II

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

Take out the mechanical key from the smart key*

Type I

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

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

Spare key*

If the remote/smart key is lost, the spare key can be used to unlock the doors and start the engine.

Replacing the battery

Battery model: CR2032.

Replacement of remote key battery

When the vehicle's remote control distance becomes shorter or the remote control function fails, it may be caused by low battery level of the smart key. If the indicator on the smart key does not light up after any button is pressed, it means that the battery runs out. In this case, insert a straight screwdriver into the gap between the rear cover and the upper housing in the folding slot of the smart key as soon as possible to remove the rear cover and replace the battery with a new one.

Replacement of smart key battery

The battery in the smart key shall be replaced when the remote control distance of the smart key becomes shorter or the vehicle cannot be remotely controlled, or the vehicle fails to recognize the smart key due to low battery.

Immobilizer system

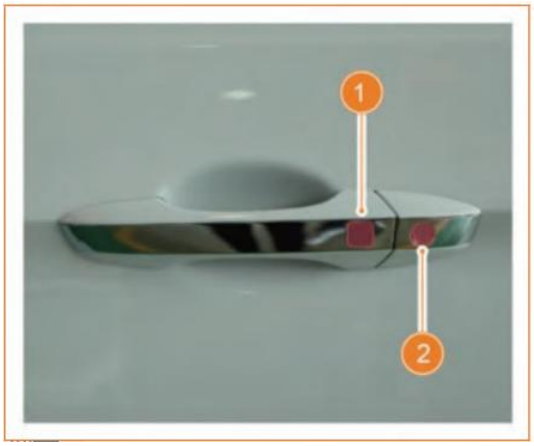
The immobilizer system is used to prevent the vehicle from being stolen. If the smart key with incorrect code is used to turn on the Start switch, the engine will not start. When the Start switch is set to "ON", the immobilizer indicator lights up for a moment and then goes out. If the immobilizer indicator starts flashing, the immobilizer system fails to recognize the key code. Please contact an authorized service station of Dongfeng

Forthing.

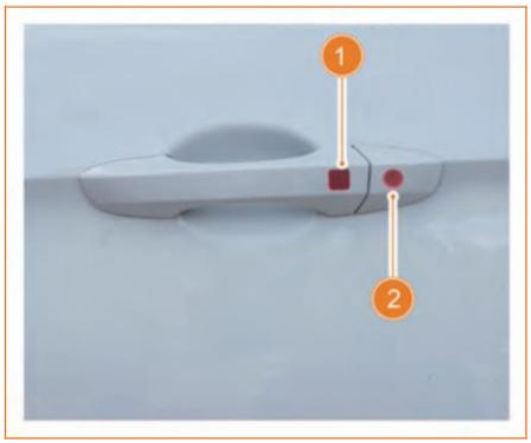
Door Locking and Unlocking

Intelligent open and close door（with PEPS）

Type I



Type II



1. Microswitch (PEPS)
2. Keyhole

Insert the mechanical key into the driver side door lock to lock and unlock the doors.

Carry the intelligent/remote control key and press the microswitch to unlock all doors; carry the smart key to close all doors and press the microswitch to lock all doors.

Remote locking and unlocking

Type I

Type II

Locking

Short press the lock button on the smart/remote button to lock all doors; meanwhile, the turn signal will flash 1 time and the system will enter immobilizer status. If any door is not completely closed, the vehicle will not lock, and the turn signal will flash four times to alert you to close the door.

Unlocking

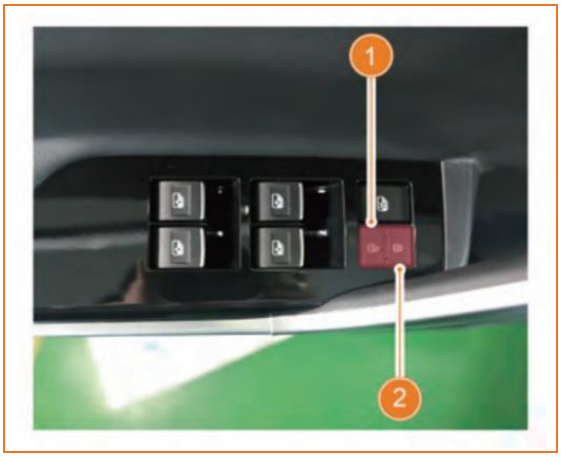
With the main unit under immobilizer status, short press the unlock button on the smart/remote control key to unlock all five doors at the same time. The turn signal will flash 2 times to release the immobilizer status.

Interior locking and unlocking

1. Door lock switch
2. Interior handle

To open the door from the inside, first press the lock switch outwards, then pull the inner door handle. To lock the doors, please close the doors first, and then press the lock switch down.

Central Control Locking and Unlocking



1. Unlock button
2. Lock

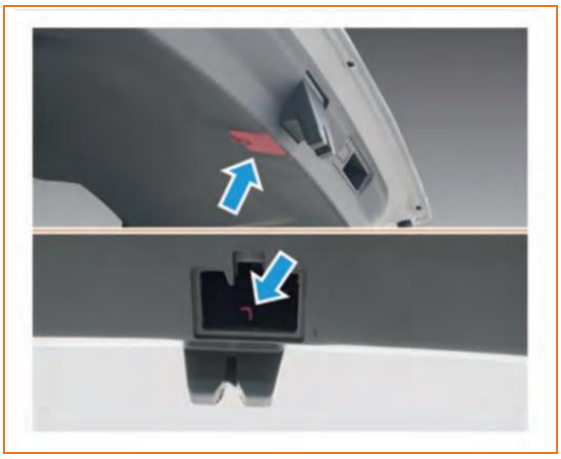
Press the lock button, and all doors will be locked. Only when all four doors and the trunk lid are closed can interior locking be carried out. With four doors locked, press the unlock key to unlock all doors.

Locking and unlocking of standard trunk lid

Opening Trunk Lid from Outside

Carry the intelligent/remote control key and press the microswitch to manually open the trunk lid. To lock the trunk lid, press it downward to close it, and then the trunk lid will be locked automatically.

Interior emergency opening of trunk lid



When the trunk lid cannot be opened due to lock fastener failure, remove the emergency opening cover plate on the inner guard plate of the trunk lid first, and push the emergency opening handle of the trunk lid lock backward to the rearmost. Simultaneously, push the trunk lid outward with another hand to open it from inside the vehicle.

Locking and unlocking of power trunk lid*

Opening trunk lid from inside

If the vehicle is equipped with a power trunk lid, press the trunk lid opening button on the instrument panel switch set, and the trunk lid will open automatically.

Open the trunk lid from outside

Carry the smart key and press the microswitch, and the trunk lid will open automatically.

Close the trunk lid from outside*

Press the trunk lid shield switch, the trunk lid will be closed. Press this switch again in the process of closing, the trunk lid will stop closing.

Caution

- Under normal conditions, do not manually pull the power trunk lid to open or close it; otherwise, fault or damage of the electric strut or vehicle body may be caused due to improper operation;
- If the vehicle battery is discharged or disconnected, or if the trunk lid has been opened for more than 24 hours, be sure to manually open and close it once to reset the system.
- When manually opening or closing the trunk lid, do not use too much force. Be sure to operate the trunk lid at a constant speed and make sure that the opening or closing process lasts for no less than 2 seconds; otherwise, damage or function loss of the trunk lid may be caused.

Open the trunk lid with smart key

Long press and hold the trunk lid unlock button on the intelligent button, and then the trunk lid will open automatically.

Open the trunk lid by induction*

The foot-activated sensor is located below the middle of the rear bumper. To open the trunk lid, kick at the position shown in the figure. After warning sound is heard, the trunk lid will open automatically and the turn signal will flash.

Caution

- Only when the engine is not started, the function of inductively opening the trunk lid will take effect.
- When operating the power trunk lid by kick, make sure that you have keep the smart key with you or within an effective control range about 1 m from the trunk lid.
- The kick sensing area is located in a width range of 50 cm on the left and right below the middle part of the rear bumper. Make sure that the kick is within the sensing area.

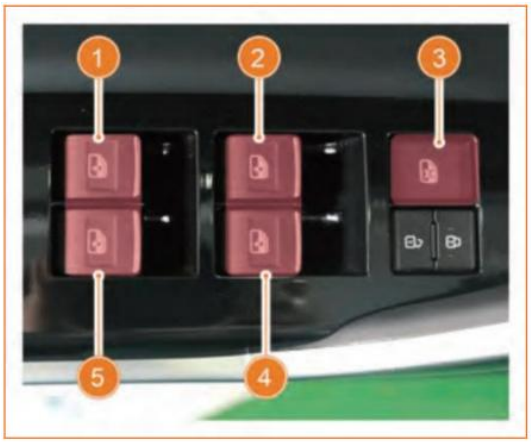
- In order to ensure the effectiveness of kicking operation, please use front and rear kicking operations. The time of the whole operation step shall be controlled within 1~2s. During operation, the distance between the foot/lower leg and the bottom/rear part of the rear bumper shall be controlled within 2 ~ 10 cm respectively. Choose the most suitable method after you have kicked multiple times according to the actual situation.
- Keep the foot-activated sensor clean. If the sensor surface is attached with ice, snow, dirt and other obstacles, the automatic opening function may not work normally.
- If you try to open the trunk lid by sensing for many times, this function may be temporarily deactivated and cannot be recovered in a short time.

△ Warning

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

Power Windows

Manual operation



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

Automatic operation

Pull up or press down the switch beyond the pressure point, the window will automatically raise or lower. To stop it midway, simply press or pull the switch.

Remotely opening/closing windows

With the Start switch at "OFF" position and the fuel tank cap, trunk lid, engine hood and four doors closed, press and hold the unlock button on the smart key 3 for more than 2s, and then the four windows will down simultaneously until they are fully opened; press and hold the lock button on the smart key for more than 2s, and then the four windows will up simultaneously until they are fully closed.

Window lock switch

The window locking switch is on the door of driver side, closing to the window switch. Press the switch to disable the operation of front passenger side windows and rear windows. When the locking function is activated, the front passenger side window and rear windows can still be controlled to ascend or descend by operating the driver's window switch. To restore the power operation of front passenger side window and rear window, press this switch again.

Power window thermal protection

If the window is operated repeatedly in a short period of time, the power window control switch may fail to work due to the protection of motor life. To restore electric window operation, wait for a while and then the electric window can be operated again.

Anti-pinch function*

During the automatic closing operation of the window, if the window touches an obstacle, it will stop and move in the opposite direction for a certain distance. If a shock or a load similar to an obstruction in the window occurs, the automatic anti-pinch function will also be activated.

Anti-pinch power window operation conditions

The ignition switch is in the "ON" position or within about 60 seconds after the engine is turned off.

Initialization learning of anti-pinch power window

If the vehicle battery is recharged, disconnected or does not work normally, it will be necessary to carry out adaptive learning of the power window with anti-pinch function

again to use the automatic operation and anti−pinch functions.

Steps of initialization learning are as follows:

1. Pull the power window switch gently and keep it at the first manual closing position until the window is closed.

2. After the window glass is closed at the top position, gently pull the switch again and hold it for 2s.

3. Gently press the power window switch and keep it at the first manual opening position until the window is fully opened.

4. After the window is completely opened, pull the power window switch gently and keep it at the first manual closing position until the window glass is closed at the top position. If the switch is released during window movement, restart the step.

If the power window still cannot work normally after the above operations, please contact an authorized service station of Dongfeng Forthing.

Caution

- Do not allow children to operate power windows. When operating the window, make sure that no part of the passenger's body is pinched.
- If someone gets pinched while closing the power window, some injuries may occur.
- Do not activate the anti-pinch function by intentionally trapping any part of the body.
- The anti-pinch function may not work if any object is pinched when the window is about to be fully closed.

Sunroof*

Panoramic sunroof

1. Sunshade opening switch
2. Sunroof opening switch
3. Sunroof closing switch
4. Sunshade closing switch

You can open the sunroof using the sunroof control switch on the overhead control panel to allow air circulation inside the vehicle. The Start switch must be set to the "ON" position when regulate the sunroof glass.

Sunroof tilting/closing

Short press/long press the sunroof opening switch, and the sunroof will automatically/gradually tilt to the maximum position.

Short press/long press the sunroof closing switch, and the sunroof will be automatically/gradually closed in place.

Sunroof opening/closing

When the sunroof glass is at the maximum tilting position, long press the sunroof opening switch, and the sunroof will gradually open to the maximum position.

Long press the sunroof closing switch, and the sunroof will gradually close in place.

To keep the sunroof at the current position, release the sunroof glass switch.

Sunshade opening/closing*

Tap the sunshade opening/closing switch to open or close the sunshade. To stop the sunshade, operate any sunshade switch once again.

Anti-pinch protection

During the automatic closing movement, if the sunroof encounters any obstacle, it will automatically stop and return for a certain distance during closing. This feature is designed to prevent injuries.

Initialization

When the sunroof system cannot be closed in place, it can be restored by the following operations: when the sunroof glass is fully closed, press and hold the sunroof closing switch for about 6~8s, the sunroof glass will move back and forth for less than 10mm. Release the sunroof switch for 5s and then press and hold the sunroof switch for 3s again, and the sunroof glass will automatically open completely first and then close for a round trip At this time, release the sunroof switch and the initialization of the sunroof is completed. At

this time, release the sunroof switch and the initialization of the sunroof is completed.

Remote sunroof closing function

1. If "Press briefly" is selected for the remote control window closing function on the multimedia display screen, the power sunroof will be closed automatically when the lock button on the smart button is pressed;

2. If "Press and hold" is selected for the remote control window closing function on the multimedia display screen, press the lock button of the smart button for more than 2 s and the power sunroof will close automatically.

△ Warning

- To prevent severe injuries, never extend your head or any other part of the body out of the sunroof while the sunroof is in motion.
- To avoid serious injuries, do not stretch head, hands or any bodily parts out of the sunroof when vehicle is running.
- Never leave children unattended in the vehicle, especially with the Start switch in the ON position, as they may play with the sunroof switch and cause serious accidents.

Steering wheel

Horn

The horn is located at the center of the steering wheel. Pressing it alerts you to dangerous situations and reduces the possibility of accidents. Proper use of the horn contributes to safer driving.

Steering wheel adjustment

Vertical adjustment of steering wheel

Adjust the steering wheel up and down to a proper position by adjusting the adjustment handle on the steering column. After adjustment, make sure that the adjustment handle is fully locked.

Four-way adjustment of steering wheel*

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

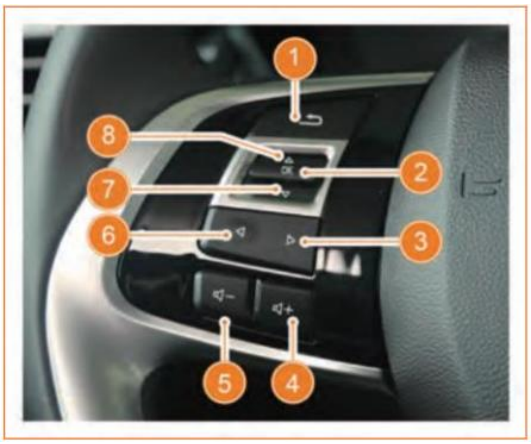
△ Warning

Adjusting the steering wheel position while driving may cause the vehicle out of control, and thereby cause injury to the driver. Please adjust the steering wheel only when the vehicle is parked stably.

Steering wheel button control

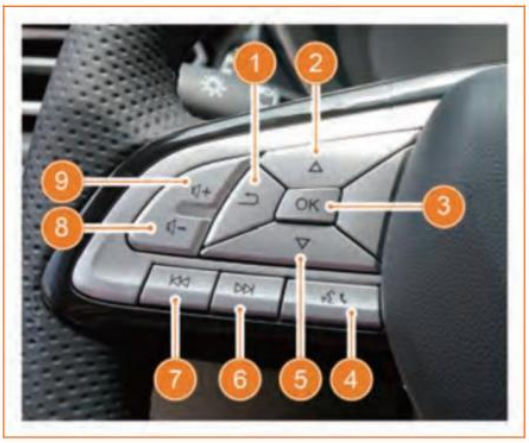
Steering wheel button（left）

Type I



1. Return button
2. OK button
3. Right button
4. Volume up button
5. Volume down button
6. Left button
7. Down button
8. Up button

Type II



1. Return button
2. Up button
3. OK button
4. Bluetooth voice button
5. Down button
6. Right button
7. Left button
8. Volume down button
9. Volume up button

Steering wheel button（right）

Type I

5.

7.
bu

Type II

Type III

1. ACC ON/OFF button
2. RES+: cruise resume/acceleration button
3. CAN: cruise control suspension switch
4. SET-: vehicle speed setting/deceleration button
5. Distance decrease button
6. Distance increase button
7. Bluetooth voice multiplex button

8. Camera button
9. Cruise control button
10. WeChat button

Type IV

1. RES+: cruise resume/acceleration button
2. CAN: cruise control suspension switch
3. Cruise control button
4. Mute button
5. WeChat button
6. SET-: vehicle speed setting/deceleration button

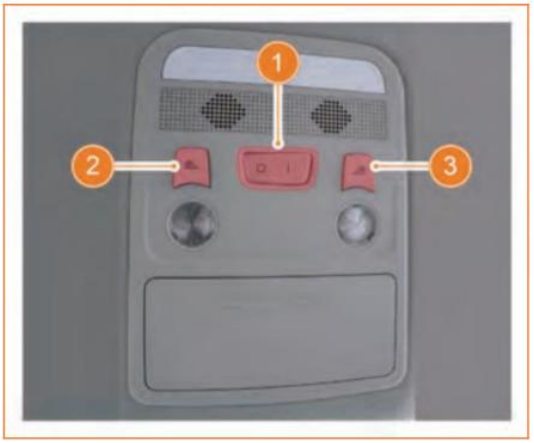
Interior light adjustment

The interior lights have the off-delay function.

Front interior light

Type I

Type II



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

Door control switch operation

When the door control switch is parallel to the panel, the reading light will light up/go out along with the opening/closing of the left rear door, right rear door and trunk lid.

When the door control switch "O" end is pressed, on or off of all reading lights are controlled by the reading light switch.

When the "I" end of the door control switch is pressed, all reading lights will light up.

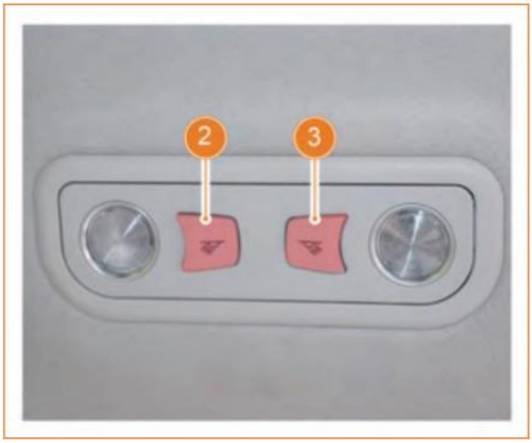
Reading light switch

When the door control switch is parallel to the panel or the "O" end is pressed, the reading lights are controlled by corresponding left/right reading light switches. The reading lights will light up when the switches are pressed down and go out when they pop up.

Rear interior light

Type I

Type II



1. Reading light switch
2. Left reading light switch
3. Right reading light switch

When the door control switch is at "COURTESY" or "O" position, the rear reading light will turn on/off under the control of the reading light switch.

Caution

If the interior lights stays on after turning off the engine, the battery may run out. Before leaving the vehicle, make sure that all interior lights are off.

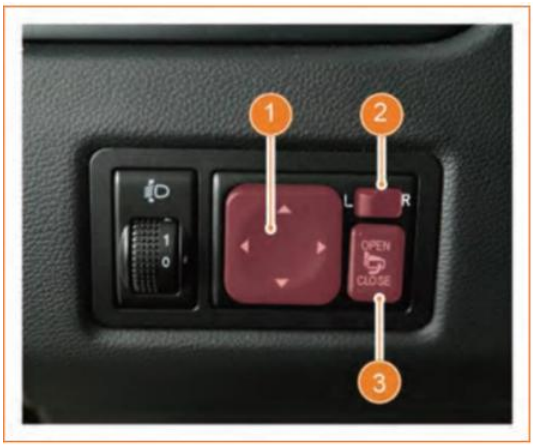
Rearview mirror adjustment

Please keep the interior and exterior rearview mirrors clean and adjust them to the best visual angle. Adjust the rearview mirror before driving.

Exterior rearview mirror

Electric adjustment of exterior rearview mirror

Type I



1. Mirror adjustment switch
2. Left/right changeover switch
3. Power folding mirror switch*

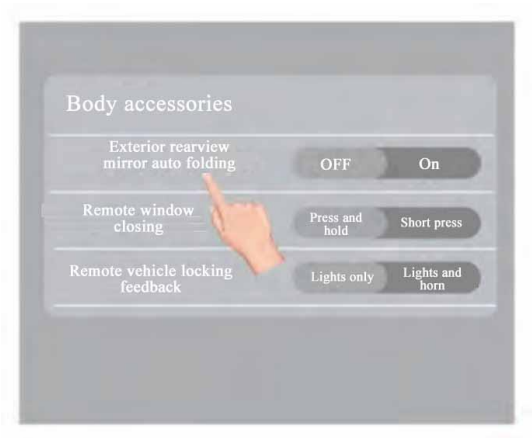
Type II

1. Mirror adjustment switch
2. Left/right changeover switch

Electric adjustment and folding of exterior rearview mirror*

The mirror adjustment switch can be used to adjust the exterior rearview mirrors to the best view angle. The left/right changeover switch can be used to select the corresponding side of the rearview mirror for mirror angle adjustment and control. The electric folding switch can be used to control the folding or unfolding of the exterior rearview mirrors.

Automatic folding of exterior rearview mirror after vehicle locking *



Tap "Settings" on the home page of the vehicle multimedia display screen. After the automatic folding function of exterior rearview mirrors is enabled in the accessories of the body, turn the Start switch to "OFF", close four doors and press the lock/unlock button on the intelligent button to realize automatic folding and unfolding of the rearview mirrors.

Heating & defrosting of exterior rearview

mirror*

The heating and defrosting function of exterior rearview mirrors allows removing fog, frost and thin ice on the exterior rearview mirrors. After starting the engine, press the rear windshield defrosting button on the A/C control panel to turn on or off the defroster. The button is on, indicating that the defroster is working.

Interior rearview mirror

The interior rearview mirror is fixed on the windshield. Hold the right side of the interior rearview mirror and adjust the mirror body up, down, left and right until the rear view can be seen clearly from the mirror surface to observe the road conditions behind the vehicle.

Mechanical Anti-dazzling Interior Rearview Mirror

Gently pull the tab at the bottom edge of the rearview mirror to adjust the mirror reflection state to prevent dazzling.

Automatic anti-dazzling interior rearview mirror*

When the vehicle is running at night, the interior rearview mirror will automatically adjust the lens reflectivity according to the difference between front and rear light intensities to realize anti-glare.

Seats

Head restraints

Headrest position

Adjustment of front seat headrest

Adjustment of second-row seat headrest

Adjustment of third-row seat headrest *

To raise or lower the headrest, press the adjustment switch on the side of the seat headrest, lift up or press down the headrest to the desired height, and then release the switch. Press down or lift the headrest slightly again until a click is heard to make sure the headrest is locked in place.

Driver's manual seat adjustment (six-way)

1. Seat forward-backward adjustment lever

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

2. Seat height adjustment handle

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

3. Backrest angle adjustment handle

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

Driver's power seat adjustment* (eight-way)

Type I

Type II

1. Seat forward/backward/height adjustment button

2. Backrest angle adjustment button

3. Backrest and lumbar support adjustment button

Seat design specifications: Seat Design Specifications: The seat can move 20 mm forward from the rear limit, allowing for a total forward adjustment of 220 mm and a backward adjustment of 20 mm. The backrest has a design angle of 23° and can be adjusted 20° forward and 60° backward. Please adjust the backrest to a proper position according to correct sitting posture, ensuring complete contact with your back.

Forward/backward adjustment of seats

Push the seat forward/backward/height adjustment button gently forward or backward to move the seat forward or backward.

Seat cushion height adjustment

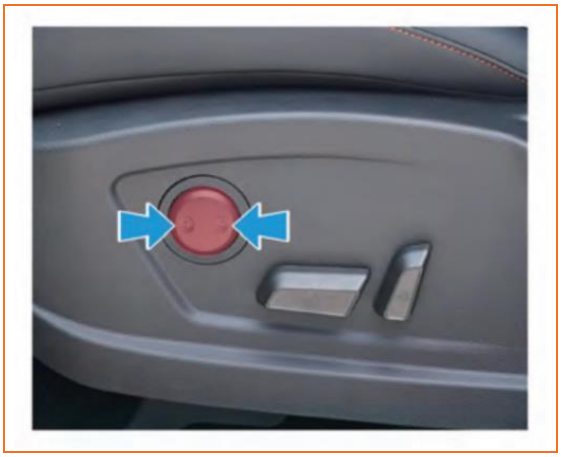
Push the seat forward/backward/height adjustment button upward or downward gently to raise or lower the seat as a whole.

Backrest angle adjustment button

Push the upper part of the backrest angle adjustment button forward or backward gently to adjust the seat backrest angle forward or backward.

Backrest lumbar support adjustment type I

Backrest lumbar support adjustment type II



Press gently on the front and rear concave planes of the backrest lumbar support adjustment button to adjust the seat lumbar support forward or backward.

Front passenger's manual seat adjustment (four-way)

1. Seat forward-backward adjustment lever

Lift the pull rod to adjust the seat to move forward and backward. After adjusting to the appropriate position, release the pull rod and

make sure that the seat does not move forward or backward.

2. Backrest angle adjustment handle

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

Front passenger's power seat adjustment (four-way)*

1. Forward-backward adjustment of the seat
2. Backrest angle adjustment handle

The adjustment method of the seat is consistent with that of the driver's power seat.

Adjustment of seats in the second row (four-way)*

Forward-backward adjustment of the seat

Seat design specifications: The seat can move 170 mm forward from the rear limit. The backrest has a design angle of 23° and can be adjusted 60° forward and 10° backward. Please adjust the backrest to a proper position according to correct sitting posture, ensuring complete contact with your back.

1. Second-row seat forward/backward adjustment lever

Pull up the lever under the front end of the seat cushion to unlock the slide rail and adjust the seat forward or backward. Release the lever to lock the seat.

After each adjustment, shake the seat backrest forward and backward to confirm that it has been locked in place.

Caution

The front-end travel is non-use travel, and the slide rail is not locked. Before use, shake the seat back and forth to check whether the seat is in the locking area.

Angle adjustment of seat backrest

1. Second-row seat backrest adjustment strap

When the seat backrest adjustment strap is pulled up, the angle adjuster will be unlocked and the backrest will naturally tilt forward. Therefore, when adjusting the backrest angle, make sure to position your body against the backrest or hold it securely with your hands. After each adjustment, shake the seat backrest forward and backward to confirm that it has been locked in place.

Seat convenience entry function

In order to make the rear seat area of the seven-seat vehicle more convenient for getting on and off, the left seat in the middle row can be folded forward. Place the second-row seat headrest to the lowest position, and pull up the lock catch. The seat can be folded forward with the assistance of the assist system and slide forward for a certain distance. Push the seat forward to further increase the space for getting on and off the vehicle. After getting on and off the vehicle, restore the seat. Press down and lock the seat, and slide the seat backward to the lockable area.

Caution

Do not pull up the lock catch when the vehicle is running, and make sure that the seats are locked.

Flat forward positioning of the second-row seats

1. Pull the seat cushion flip strap under the seat to lift and fold the seat cushion forward.

2. Then pull up the seat backrest adjustment strap to lay down the backrest.

Return of second-row seats to service status

1. Pull up the seat backrest adjustment strap, adjust the backrest to the service status and lock it

2. Lift the front end of the cushion to make its rear end close to the seat basin, as shown in the figure above. Gently press down the front end of the cushion to make it move backward and downward naturally until the rear end of the cushion is inserted under the backrest. Then press down the front end of the cushion to lock the cushion lock into the lock slot.

Adjustment of third-row seat *

Pull the rear unlocking strap of the rear seat backrest to unlock the backrest. At the same time, gently push the backrest forward to fold it flat

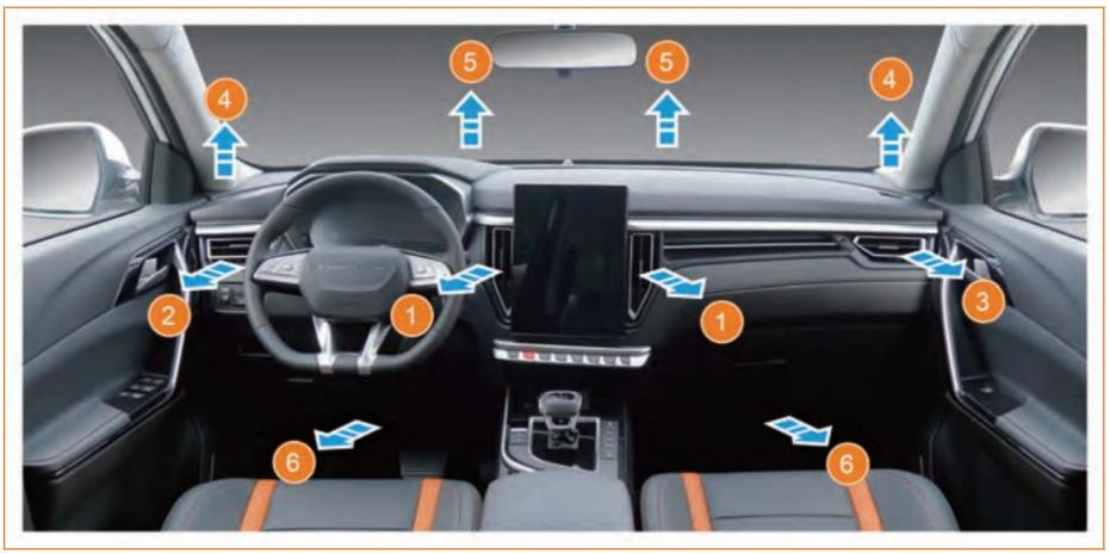
Caution

- Adjust the seat position before driving.
- When there is a child in the vehicle, make sure to have an adult adjust the seat. If the child adjusts the seat, an accident may occur. If there is an unfixed cushion or similar object on the seat in case of emergency braking or collision, it may cause the body to slide forward, thus causing accidental injury.
- Do not place a cushion or any other similar object between your back and the backrest during the driving. Otherwise, the headrest will be out of its protective role in an emergency.

A/C system

Air outlet

Front air outlet (Type I)



Front air outlet (Type II)

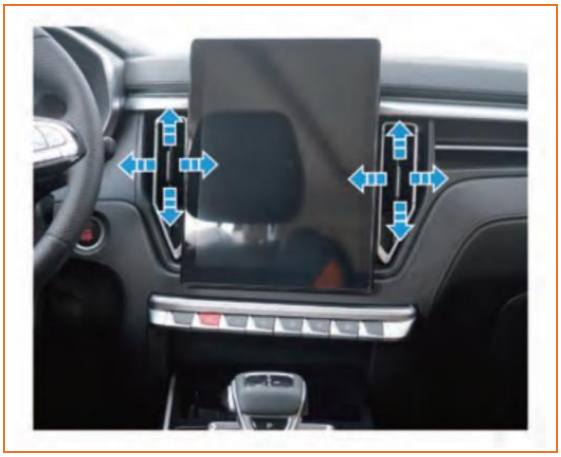
1. Central air outlet
2. Operator side vent
3. Front passenger side air outlet
4. Air outlet of side windshield defroster
5. Front windshield defroster air outlet
6. Front-row footwell air outlet

Air outlet of the second row（Type I）

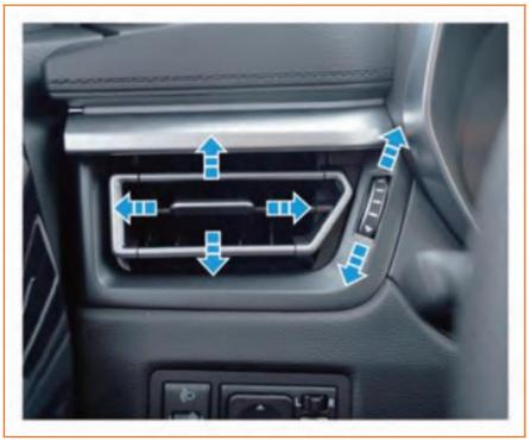
Air outlet of the second row（Type II）

1. Rear-row middle air vent

Adjustment of airflow and direction



The central air outlet can be adjusted by changing the direction of the air outlet grille up and down, left and right. At the same time, the air volume can also be adjusted by adjusting the blade opening.



The air outlet on the left and right sides can be adjusted up and down, as well as left and right, to direct the airflow. Turn the scroll wheel up and down to adjust the air volume, which decreases downward and increases upward. The wind direction can also be adjusted by adjusting the direction of the grille.

Automatic A/C Control *

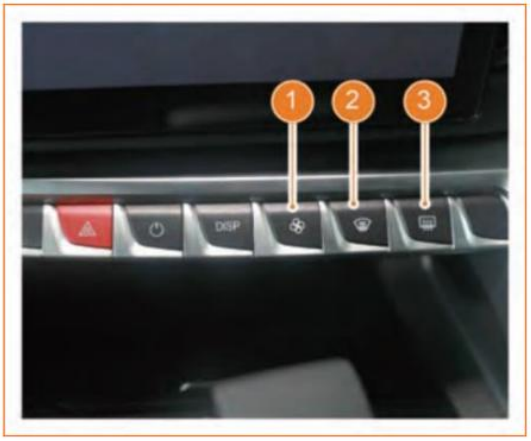
A/c for single-temperature area

1. Blowing mode adjustment switch
2. Seat heating
3. A/C automatic mode switch
4. Fresh air adjustment switch
5. Recirculation adjustment switch
6. A/C switch
7. Temperature switch

A/C for dual-temperature zone*

1. Left seat heating switch
2. A/C automatic mode switch
3. Left temperature adjustment switch
4. Fresh air adjustment switch
5. Air volume adjustment switch
6. Blowing mode adjustment switch
7. Dual-temperature zone control switch
8. Recirculation adjustment switch
9. Right temperature adjustment switch
10. Right seat heating switch
11. A/C switch
12. PM2.5 and air quality level display
13. Anion

A/C button on the central control panel



1. A/C system On/Off Switch
2. Front defrosting button
3. Rear defrosting button

A/C operation tips

Rapid cooling

Scroll down at the top of the multimedia display screen to bring up the dropdown function menu, then tap the rapid cooling/fast warming button to activate this feature. The temperature in the vehicle can be adjusted quickly to provide comfortable A/C experience for the owner with efficient and convenient one-touch temperature control.

Quick demisting

Press the button to activate maximum front defogging. After defogging, press the button again to restore the A/C to its previous setting.

Replacement of A/C filter element

Replace the A/C filter element regularly as specified in the regular maintenance table. It is recommended to shorten the replacement interval/mileage if the vehicle often drives in dusty places.

Electric A/C control

A/C button on the central control panel

1. Mode adjustment knob
2. Recirculation/fresh air adjustment switch
3. A/C switch
4. Air volume adjustment knob
5. Rear windshield defrosting button
6. Temperature adjustment knob

Description of A/C control system button

Mode adjustment knob

The airflow mode switches among five modes: air-to-face, air-to-face/air-to-footwell, air-to-footwell, air-to-footwell/defrosting, and defrosting. Additionally, air flows out from the corresponding air outlets.

Recirculation/fresh air adjustment switch

Press this button to manually switch between fresh air and recirculation modes.

Caution

Frequent use of the internal circulation mode might lead to condensation forming fog on the side windows and front windshield, causing discomfort from a lack of fresh air in the cabin. Therefore, generally, the A/C system should be set to external circulation mode. When driving through areas with high levels of smoke and dust, utilizing the fresh air mode can introduce smoke and dust inside the vehicle. It is recommended to switch to recirculation mode in such conditions.

A/C switch

Press this button to activate the A/C system and the button indicator will illuminate at the same time. Press the button again to deactivate the compressor and the button indicator will go out.

Air volume adjustment knob

This knob is used to adjust the air volume at the air outlet. Rotate the knob clockwise to increase air speed and air flow. Rotate the knob counterclockwise to decrease air speed and air flow.

Rear windshield defrosting button

Press this button to enable or disable the rear windshield defrosting and demisting function. When the rear windshield defrosting and demisting function is activated, the button indicator lights up. Press this button again to deactivate the rear defrosting and demisting function. The defrosting and demisting function will be turned off automatically after about twelve minutes. When the vehicle is shut down, the defrosting and demisting function will also be turned off. When the vehicle is started again, the defrosting and demisting function should be restarted.

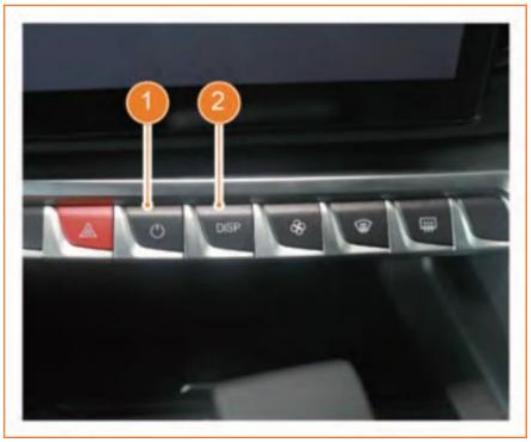
Temperature adjustment knob

The knob is used to adjust the air flow temperature at the air outlet. Rotate the knob clockwise, toward the red arc, to raise the air flow temperature. Rotate the knob counterclockwise, toward the blue arc, to decrease the air flow temperature. If you want to use the A/C ventilation function when the A/C compressor is off, please turn the temperature control knob to the leftmost end in blue color and set the air speed to the expected level.

Multimedia Control

Multimedia control panel

Type I



1. Power switch
2. Reversing image/panoramic view switch

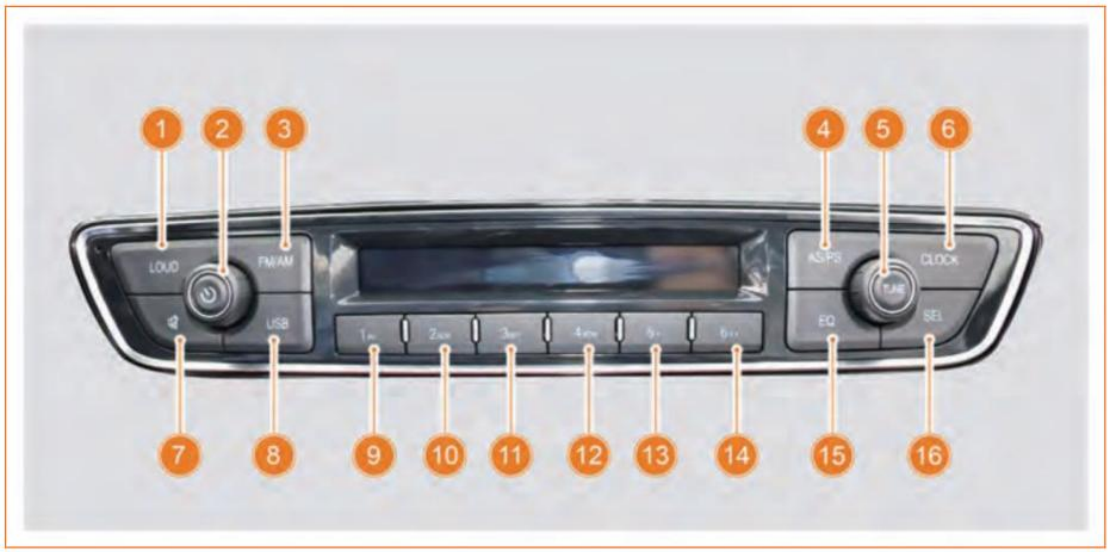
Power switch

Press this switch to turn on or off the multimedia display screen.

Reversing image/panoramic view switch

Press this switch to turn on or off the reversing image//panoramic view. For details, see ″Reversing Image″ in Chapter VII.

Type II



1. Sound effect and loudness control button
2. Power/volume control/clock knob
3. Band switch button (FM/AM)
4. Browse/search (radio) button
5. TUNE knob
6. Clock adjusting button
7. Mute
8. USB music function conversion button
9. Numeric button 1/ ⏯
10. Numeric button 2/SCN
11. Numeric button 3/RP
12. Numeric button 4/RDM
13. Numeric button 5/F+
14. Numeric button 6/F+
15. Sound effect control button
16. Setting button

Sound effect and loudness control button

Long press or short press. If the original loudness is on, press to turn it off; if the original loudness is off, press to turn it on.

Power/volume control/clock knob

Short press this button to turn on or off the device.

In the radio/playback state, turn the knob to increase or decrease the volume. In the setting (SEL) status, twist the knob to adjust treble and bass, balance, front-back balance and default volume settings.

Band switch button (FM/AM)

In the USB play mode, short press/long press this button to switch to the radio mode and continue to play the previous station.

In the radio mode, short press/long press this button to switch bands.

Browse/search (radio) button

In the radio mode, press this button once to scan saved stations. Each station will be scanned for about 5s; long press and keep holding this button to automatically search and save stations in AS. Select 6 stations with the strongest FM/AM band signals, it is stored in FM3/AM2. FM1, FM2 and AM1 can only be saved manually.（The 6 radio stations selected after AS execution cannot cover the saved radio stations of FM1，FM2 and AM1.）

In the playback mode, long press and short press this button but no response is given.

TUNE knob

In the radio status, short-turn the knob to search stations automatically. When a station is searched, it will be played automatically; long-turn the knob to enter the MANUAL manual search mode. If there is no action for 5s, the system will exit the manual search mode automatically.

In the playback status, short-turn and twist once to select songs up and down; long-turn and twist once to fast forward and reverse. Twist again to cancel the reverse or fast backward function.

Clock adjusting button

In the radio and playback state, short press is invalid. Long press to enter the clock adjustment mode, adjust the time through the power/volume control/clock knob. After entering the time adjustment mode, short press the clock adjustment button to switch between the hour and minute. After the adjustment, if there is no operation for 5s, save and exit, or

long press Save to exit.

Mute button

In radio and playback modes, a brief press mutes the sound; pressing it again will unmute and restore audio output.

USB music function switch button

Insert the USB with MP3 music into the USB socket in the correct direction, and the system will automatically read the MP3 music in the USB device and start playing from the first track.

In the radio mode, short press this button to switch to the USB play mode; press and hold this button to perform the same operation.

Numeric button 1/II

In the radio mode, short press to select and play the preset radio station 1 frequency point; press and hold to save the collected radio stations in the preset radio station 1. In the playback mode, short press to pause playback; press and hold to serve the same purpose.

Numeric button 2/SCN

In the radio mode, short press to select and play the preset radio station 2 frequency point; press and hold to save the collected radio stations in the preset radio station 2. In the playback mode, short press to switch among SCN, DIR, SCN ALL, and SCN OFF.

Numeric button 3/RPT

In the radio mode, short press to select and play the preset radio station 3 frequency point; press and hold to save the collected radio stations in the preset radio station 3. In the playback mode, repeat play with options to switch among single track repeat, folder repeat, and all repeat; press and hold to change repeat play modes.

Numeric button 4/RDM

In the radio mode, short press to select and play the preset radio station 4 frequency point; press and hold to save the collected radio stations in the preset radio station 4. In the playback mode, short press to switch between RDMDIR/ RDM ALL and RDM OFF respectively; press and hold to switch the random playback modes.

Numeric button 5/F+

In the radio mode, short press to select and play the preset radio station 5 frequency point; press and hold to save the collected radio stations in the preset radio station 5. In the playback mode, short press this button to play the previous file; if no folder exists, short press to play the first file.

Numeric button 6/F+

In the radio status, short press to select and play the preset station 6 frequency point; long press to save the collected stations in the preset station 6. In the playback state, short press this button to play the next file. If there is no folder, short press to play the last song. Long press for the same function.

Sound effect control button

In the radio/playback status, short press this button once to switch among EQ OFF, POP, CLASSIC, ROCK and JAZZ in turn. Long press the button to switch between LOUD ON and LOUD OFF.

Setting button

In the radio and playback status, short press to enter treble, bass, left/right front/rear sound channel balance, default volume, near/remote control and Bluetooth switch for adjustment with the power button. Long press for the same function.

IoV *

Notes to users

1. According to different models, special equipment and accessories are integrated. Your vehicle configuration may be slightly different from the description in these operating instructions. Please refer to the actual vehicle.

2. After the vehicle reaches a certain speed, some functions of the audio system may not appear on the screen. This is not a function failure, but to comply with the corresponding national or regional regulations.

3. The complex operation of the audio system will have a response time of several seconds. Please wait patiently. Disorderly operation will lead to slow processing in the background.

4. The driver must comply with relevant traffic regulations when using the audio system. Please park the vehicle in a safe place for operation, such as entering and changing the destination.

5. Before using the audio system, please read all relevant instructions carefully. Any damage caused by failure to follow the instructions will not be covered by the warranty.

6. To avoid short circuits, do not allow this device to come into contact with water. Do not place or leave any metal in the device.

7. Do not open the device for maintenance by yourself. If maintenance is needed, please contact the authorized service station of Dongfeng Forthing.

8. Do not use this entertainment system for a long time when the engine is closed, or the battery will run out.

9. Do not touch, rub or tap the screen with sharp object.

10. This multimedia display screen assembly uses a built-in navigation antenna and network. Do not attach metal film to the front windshield, as this will cause failure of navigation function positioning and network function.

11. In areas with weak network signals such as remote areas, mountainous areas, tunnels or underground parking lots, navigation and network functions may be affected, resulting in online applications and remote vehicle controller unavailable. After leaving these areas, the network signal will automatically recover.

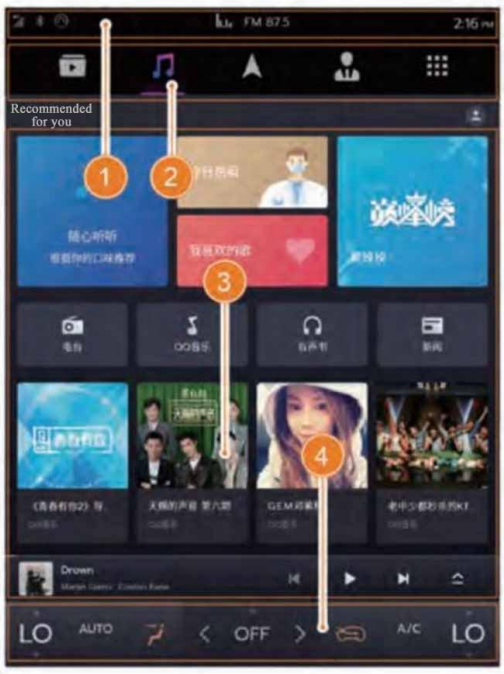
12. After the vehicle owner successfully registers for IoV, the system will automatically present basic data package and 4.8G experience data package (valid for six months). The complimentary basic data package function supports remote vehicle condition, vehicle control, online map, voice assistant (including knowledge bases such as weather, stock and flight query and smart home control), etc., which can be used for lifetime free of charge; the 4.8G mobile data package supports features such as QQ music playback, online radio, offline map downloads, an on-board Wi-Fi hotspot, and the capability to upload photos/videos from the vehicle's dashcam to your mobile phone. Once the complimentary mobile data package is exhausted or expires, you can purchase mobile data plans through the AI Forthing APP or the IVI mobile data mall, or use a mobile hotspot. TAI registration process: Please scan the QR code below and follow the prompts to complete the registration.

Multi-function display screen

The multimedia display screen is located at the center of the instrument panel.

Main interface

Main Interface Drop-down Function Menu



The main interface of the multimedia display screen is structured from top to bottom into a status bar, a TAB function bar, a content display area, and an A/C control bar.

1. The status display bar, display time, signal, etc.

2. The TAB function bar includes local media, online media, navigation, personal center and more apps from left to right.

3. The content display area presents information from various modules.

4. The A/C control bar enables users to manage A/C functions.

Scroll down at the top of the multimedia display screen to bring up the dropdown function menu.

1. The multimedia playback control section allows for playing, pausing, and switching to the previous or next track.

2. In the multimedia volume and screen brightness control area, tap/swipe leftward or rightward to adjust the multimedia volume and screen brightness.

3. In the quick control function area, tap each quick control button to realize quick control. The controllable items include: rapid cooling, one-touch mute, one-touch screen off and fast warming.

Navigation

Large-screen map

1. Tap the button to enter the setting interface. The vehicle owner can set the navigation, including voice broadcast, navigation route preferences, etc. At the same time, the owner can log in to WeChat to use the rally function.

2. Tap the button to enter the navigation search interface, where you can directly search for an address to start navigation.

3. For the current location of the vehicle, you can zoom in or out the map with gestures.

4. For map function button, you can tap it to zoom in/out the map and switch the display mode of navigation direction arrow.

Quick navigation

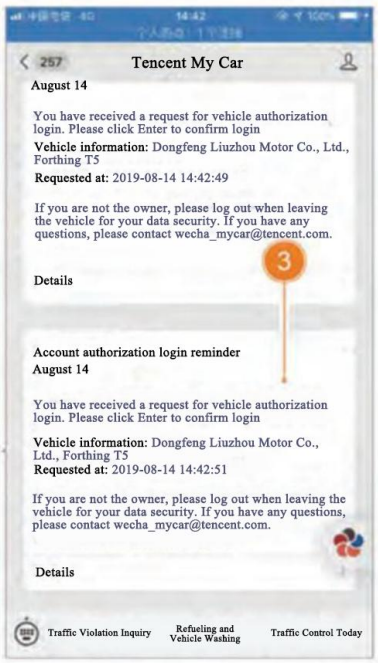
1. Tap the shortcut navigation button on the navigation search interface to directly navigate.

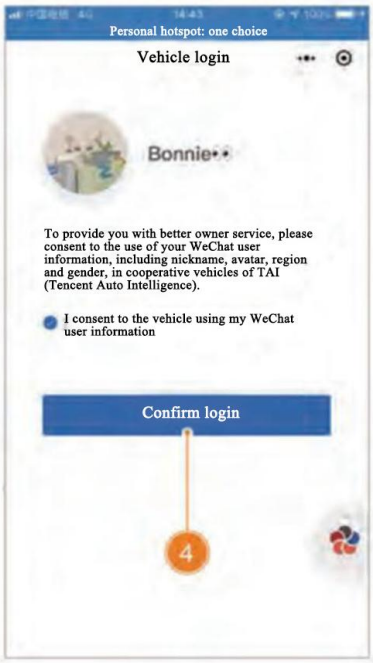
2. In the search history list, you can view historical navigation search records. Tap history record to directly navigate.

3. Support clearing history records.

4. The vehicle owner can select his/her desired destination via online navigation.

Personal information log-in





1. When the vehicle owner accesses personal information from the large-screen map, a prompt will appear to log in WeChat.

2. The user launches WeChat on their mobile phone and scans the QR code.

3. The user receives account authorization login details from "Tencent My Car".

4. Upon confirming login, the user successfully logs in the IVI system via WeChat.

The "Tencent My Car" function is introduced in AI Forthing. Through the

association and intercommunication between the car owner's account and WeChat account, users can conveniently realize the interaction between the WeChat and the on-board multimedia display screen, enjoying functions such as WeChat position push, music push, vehicle running track, team rally, Tencent intelligent unconscious parking service, etc. (Note: "Tencent Intelligent Unconscious Parking" is a convenient payment technology based on the intelligent management system of parking lots. The user only needs to bind the license plate and activate automatic payment function through the "Tencent Unconscious Payment" applet, enjoying the convenient payment experience without getting a card for entry or scanning a code for exit.)

Online entertainment

Online media homepage

1. In the recommended function menu, owners can choose to listen to "Casual Listening", "Today's News" and music "Top Ranking" according to their interests. Tap "My Favorite Songs" in the login status to enter the personal favorites interface to edit/play favorite songs.

2. For TAI personal account information of online entertainment, tap to view personal information details.

3. For online radio, QQ music, online audiobook and online news functions, the owner can choose the online entertainment content according to the preference.

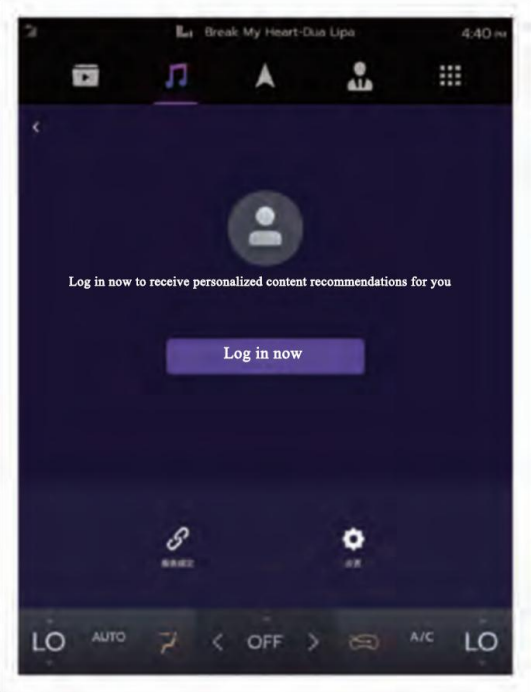
4. Personalized recommended content list. Tap to play it, or slide down to view more recommended columns.

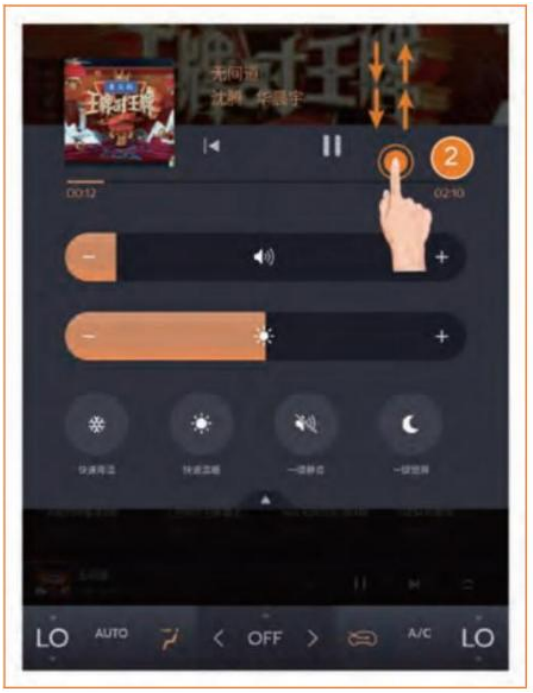
5. The currently playing content can be paused/played, switched to the previous/next song, and the playlist can be unfolded.

6. Slide leftward or rightward at the album picture on the upper part of the playlist interface to switch songs. At the same time, you can perform operations such as play/pause, previous/next song switching, save to favorites, list cycle/single cycle switching. Tap the fold button in the upper left corner to fold the playlist and return to the online media homepage.

7. Playlist

Personal login interface





For the TAI online entertainment account: if you are not logged in, tap the "Login Now" button and scan the displayed QR code with WeChat. Once logged in, you can link your QQ Music and WeChat Reading services to your account.

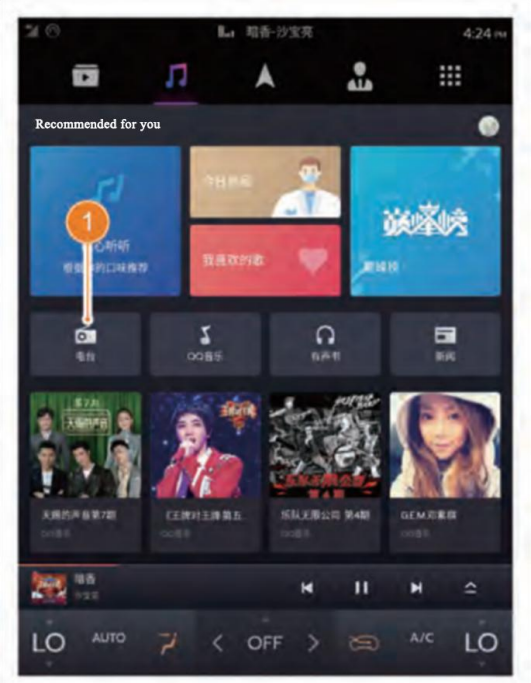
Once logged in, your profile picture and nickname will be visible; tap "Logout" to exit the current account.

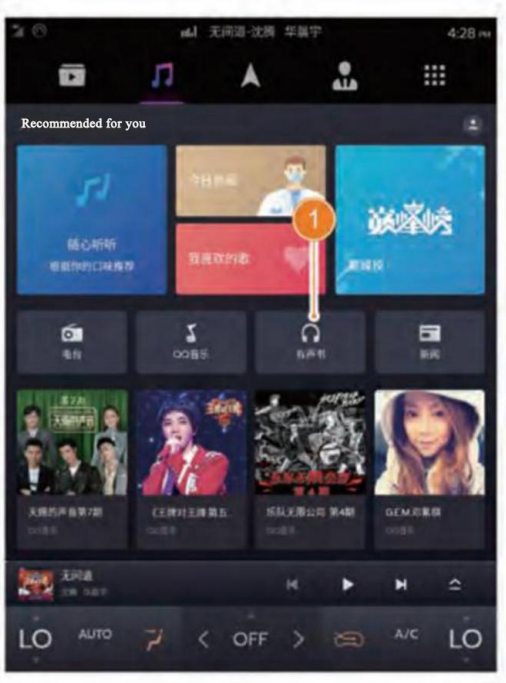
Tips for quick access to QQ Music

1. Tap the expand button below the multimedia display screen to access the playlist interface.

2. Scroll down at the top of the multimedia display screen to bring up the dropdown function menu, where you can find options to play/pause, skip to the previous/next track, and adjust the volume.

Radio





1. Tap the radio button to enter the online radio interface.

2. According to your personal preference, you can choose categories such as "Crosstalk", "Sketches", "Pingshu", "Humor", "Opera", "Children" and "Pocket Story" to listen to the radio.

3. Tap the online radio column corresponding to each category to play.

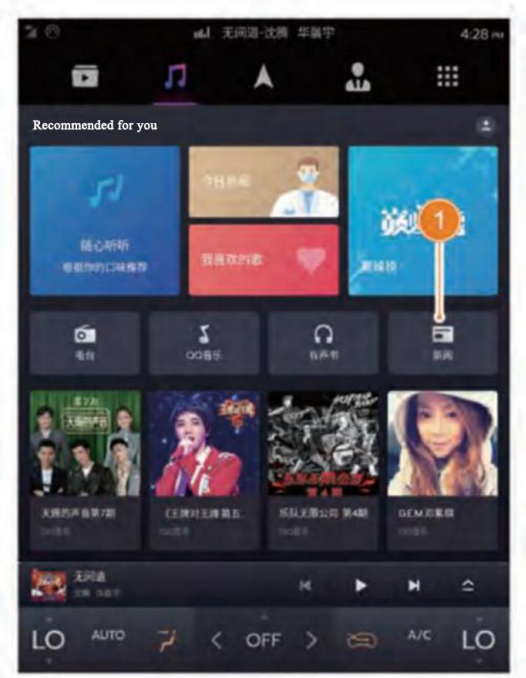
Audiobook

1. If the vehicle owner switches to audiobooks without being logged in TAI, a prompt will appear suggesting the owner to log in. If WeChat Reading is not linked, another prompt will recommend binding WeChat Reading for access.

2. After the account is bound to WeChat Reading, the owner can choose audiobook categories such as "My Bookshelf", "Recently Played", "Novels for Boys", "Novels for Girls", "Others" and "Youthful Romance" to listen.

3. Tap the audiobook corresponding to each category to play it.

News



1. The owner can tap the news button to enter the online news interface.

2. According to your personal preference, you can choose categories such as "Military", "Entertainment", "Sports", "Technology" and "Finance" to listen to news.

3. Specific range of news sections.

1. The owner can switch to check and use local radio, Bluetooth music, USB music or USB video.

2. Search and switch to FM/AM.

3. Previous channel.

4. Play/pause.

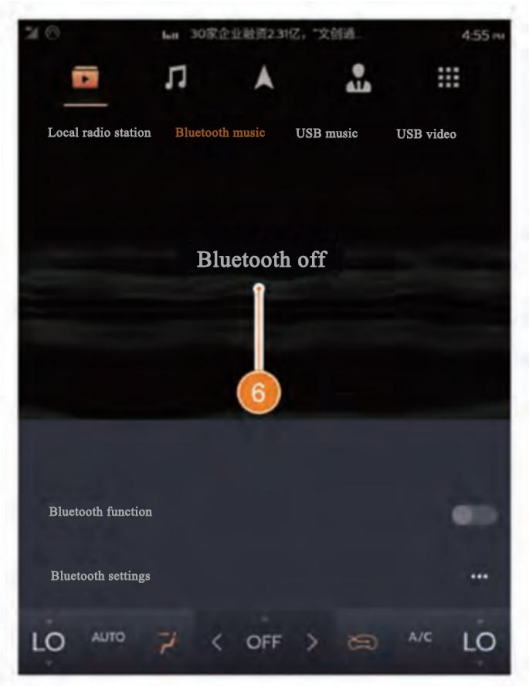
5. Adjust the channel manually.

6. Next channel.

7. In the list of favorite channels, tap to play an existing channel in your favorites. Long press is supported for deletion.

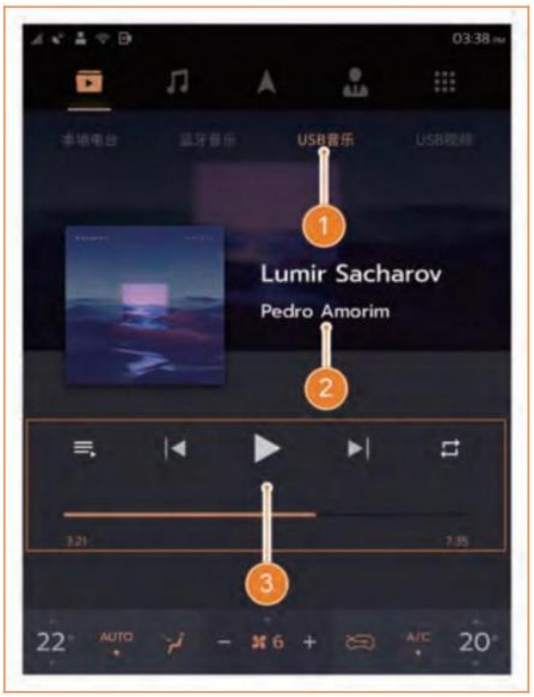
Local entertainment

Bluetooth music



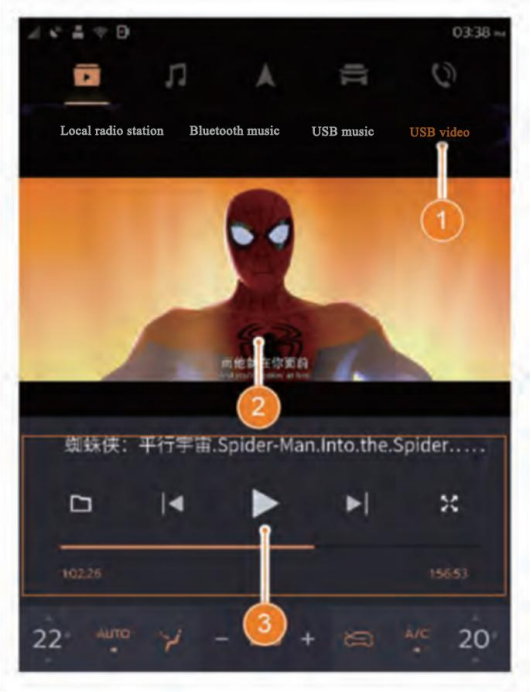
1. Bluetooth music
2. Display the name and singer of currently playing song.
3. Previous song
4. Play/pause.
5. Next song
6. When the Bluetooth switch is not turned on, the interface will display that Bluetooth has been turned off. Tap the Bluetooth function switch button to turn on the Bluetooth function switch, and tap the Bluetooth setting button to enter the Bluetooth setting interface for Bluetooth connection.

USB music



1. USB music
2. Display the name and singer of currently playing song.
3. Previous/next song, play/pause, cycle play/single cycle switch and other operations can be performed.

USB video



1. USB video

2. The currently playing video content.

3. Operations such as previous/next video, play/pause and full-screen play can be performed.

Personal center

Personal center main interface. You can perform vehicle detection, data purchase, maintenance reservation and other operations in the personal center.

1. QR code of the vehicle: Use the AI Forthing APP to log in.

2. Vehicle inspection: Tap to check the vehicle's condition.

3. Mobile data package: Tap to access the mobile data package interface to purchase mobile data.

4. Maintenance reservation: Tap to enter the maintenance reservation interface to schedule service reservation with the service station.

More applications

The main functions of More Applications interface include Bluetooth phone, dashcam (equipped on some models), beginner's guide, setting, Tencent video, WeChat, etc. Click the corresponding icon button to use the corresponding function.

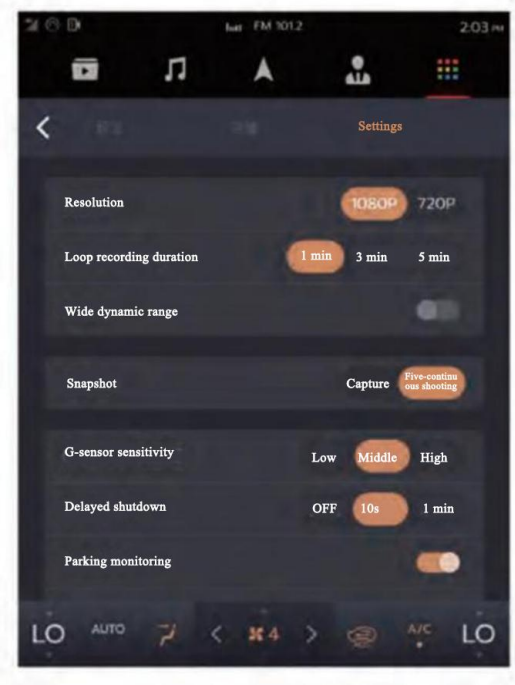
Dashcam *

1. Preview, store and set the function label of the vehicle travelling data recorder. Tap it to switch the display interface.

2. Vehicle travelling data recorder shooting preview interface.

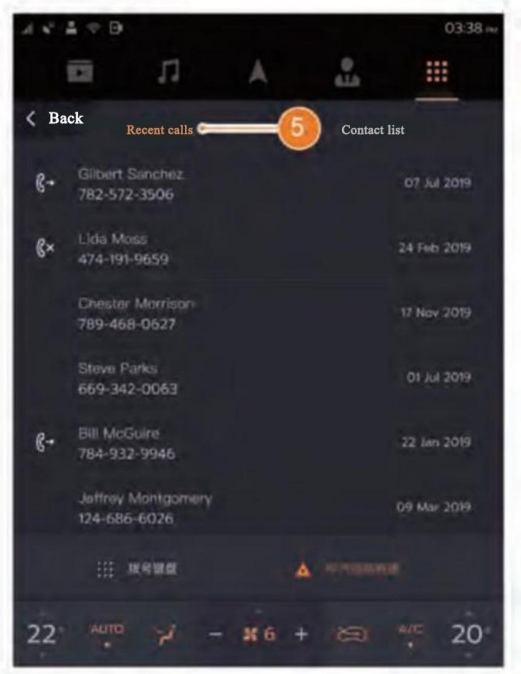
3. The function buttons of the vehicle travelling data recorder can be used for operations such as photographing, video recording and five-continuous shooting.

Tap to view the list of saved videos and photos from the dashcam . It supports functions such as uploading videos/photos to the cloud for storage and deletion.



These settings of dashcam allow you to adjust the recording resolution, default recording duration, and other parameters.

Bluetooth phone



1. Tap the back button in the upper left corner to return to the main interface of More Applications.

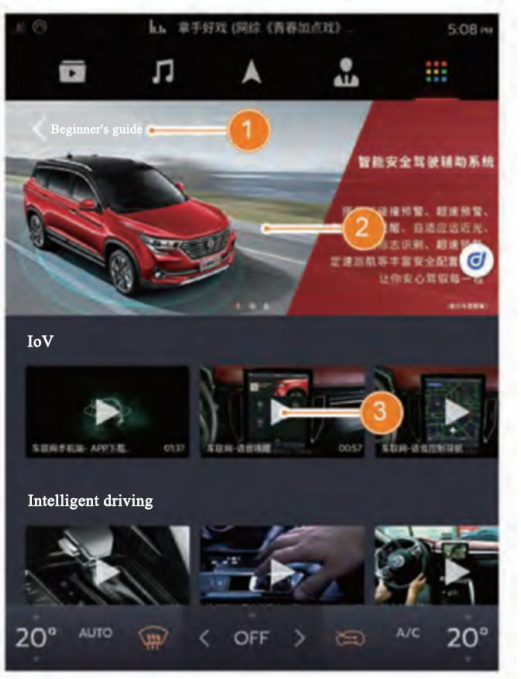
2. When the Bluetooth switch is not turned on, the Bluetooth phone interface will display Bluetooth Switch. Tap the switch to enable the Bluetooth function and prompt to connect the Bluetooth of the mobile phone. After successful connection, other operations can be performed.

3. Tap the dial keypad button below to call out the dial keypad.

4. Tap Dongfeng Forthing Roadside Assistance to directly call the roadside assistance number.

5. After Bluetooth is connected, the latest calls and address book will be displayed on each corresponding interface. You can choose whether to synchronize in the address book. Tap a contact in the Bluetooth phone interface to make a call directly.

Beginner's guide

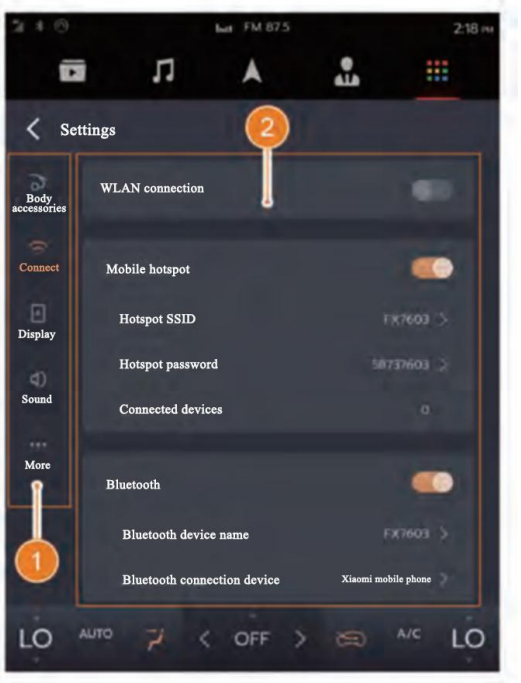


1. Tap the back button in the upper left corner to return to the main interface of More Applications.

2. The top banner can be swiped left or right for viewing.

3. If you need an introduction to the video list, tap on a video to play and view it. You can scroll down the list to see more videos.

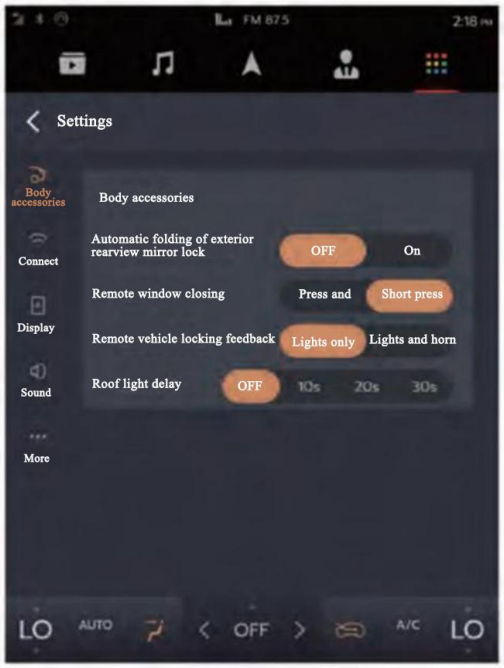
Settings



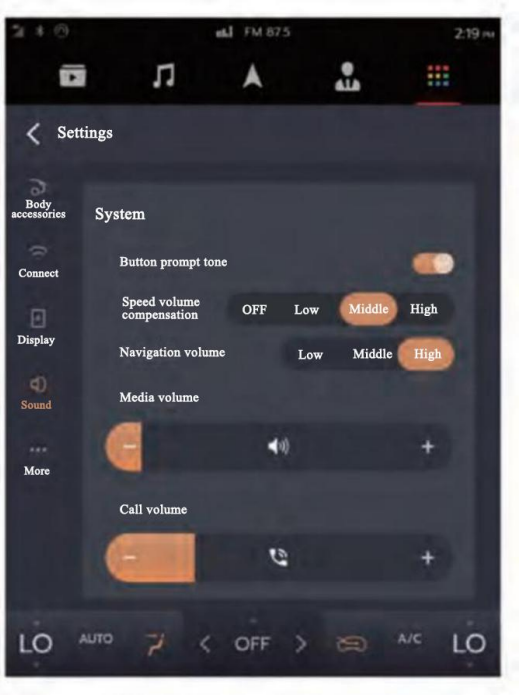
1. The system setting is divided into five modules: body accessories, connection settings,

display settings, sound settings and more.

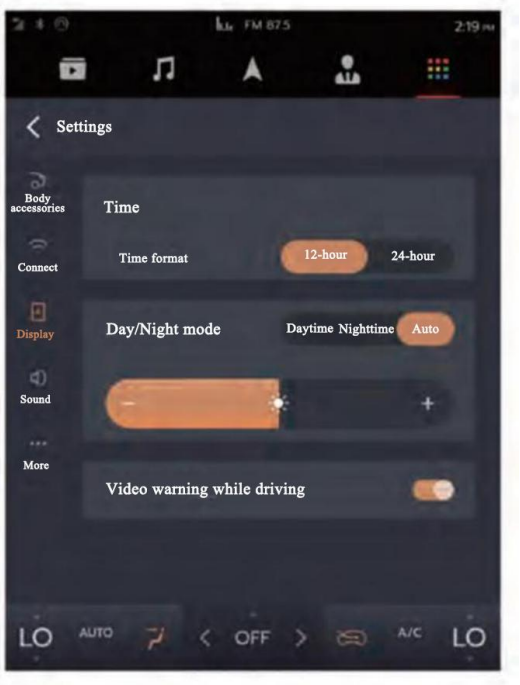
2. Connection settings can be used to set each connection point of the multimedia display screen on the IVI. The setting items include WLAN connection setting, mobile hotspot setting, Bluetooth setting and other functions.



The body accessories section allows the configuration of various vehicle body functions, such as the automatic folding switch of exterior rearview mirrors, remote window closure control mode switching, remote lock feedback, and roof light delay setting.



The sound setting allows you to set the sound effects of the IVI system on the multimedia display screen. You can scroll down for more settings, including button prompt tone switch, speed volume compensation switch, navigation audio mixing switch, media volume, Bluetooth phone volume, sound effect adjustment and sound field adjustment.



The more settings can be used for a series of operations related to the IVI system. Operable items include: system upgrade, viewing open font protocols, resetting factory settings and problem feedback.

Voice control function

Forthing T5 is equipped with an intelligent voice assistant, through which the owner can conveniently complete various operations, including multimedia control, A/C control, navigation, vehicle control, etc. Different from traditional button operation and touch screen operation, voice operation can further liberate the driver's hands to complete various operations, controls and adjustments while keeping driving sight, so as to ensure driving safety.

Methods to activate the voice assistant

Method I: Tap the wake-up mode I button on the steering wheel

Method I: Tap the wake-up mode II button on the steering wheel

Method II: Say "Forthing, Forthing" directly to activate

"Forthing Forthing" is the default wake-up word, and you can also change it. For example, directly say "Give you a name called Li Meimei", and then use Li Meimei to activate.

When the voice assistant is successfully activated, the word ″Listening″ will appear in the upper middle of the main interface.

Function example	Command example
Open all the windows completely	Open all windows
	All windows are opened
Close all windows completely	Close all windows
	All windows are closed
Ambient light color value adjustment (red, blue, etc.)	Ambient light is adjusted to blue
	Ambient light turns red
Activate seat heating	Turn on seat heating
	Please turn on the seat heating
Turn off seat heating	Disable seat heating
	Please turn off the seat heating
Endurance query	How many more miles can the car travel?
	How many kilometers are left?
Turn on the dashcam	Turn on the dashcam
	Turn on the dashcam
Turn on the A/C	Turn on the A/C
	Activate the A/C

Wake-up free function

The wake-up free function means that the voice assistant does not need to be woken up by "Forthing Forthing" and can execute corresponding functions by directly speaking command. Wake-up free is divided into global wake-up free and intra-application wake-up free. The main functions are shown in the following table.

Global wake-up free	Intra-application wake-up free
Turn on the A/C	Usually, wake-up free responses are provided for voice inquiries. And some pages allow direct voice control. For example: • When inquiring about the 3rd program, directly say "the 3rd"; • When inquiring about the route scheme, directly say "Scheme III" or "No Expressway"; • In the music playing interface, directly say "Single cycle" and "Favorites".
Turn on the music	
Turn on the radio	
Turn on the navigation	
Return to the home screen	
Navigate home/navigate company	
Volume control	
Previous/Next	
Zoom in/out the map	
2D/3D mode	

Wake-up free word		Effective page	Intra-application wake-up free
See the overview	View the whole journey	Map page in navigation	Usually, wake-up free responses are provided for voice inquiries. And some pages allow direct voice control. For example: • When inquiring about the 3rd program, directly say "the 3rd"; • When inquiring about the route scheme, directly say "Scheme III" or "No Expressway"; • In the music playing interface, directly say "Single cycle" and "Favorites".
Exit the current navigation trip and return to the main map	Turn off navigation	Map page in navigation	
	Exit navigation		
The route preference can be reset in navigation, and 4 types are supported: 1. Avoid congestion route 2. Avoid expressway route 3. Cost-effective route 4. Expressway priority route	Avoid congestion Avoid expressway Undercharged Expressway priority	Map page in navigation Navigation path planning page	
Map zooming	Zoom in map Mini map	Map page in navigation	
Mode switching	Daytime mode Night mode	Map page in navigation	
Start or cancel after path planning is completed	Start navigation Scheme I/Scheme II/Scheme III/few traffic lights (see the text on the screen) Initiate navigation	Navigation path planning page	
View switching	2D mode 3D mode North up Vehicle head up	Map page in navigation	
Traffic condition display	Enable traffic conditions Disenable road conditions	Map page in navigation	
Song and program favorites	Add to favorites	Radio and music applications	

Voice control navigation function

Primary functions	Voice controllable functions	Voice command examples
Voice control navigation	Activate navigation	Start navigation, navigation starts, initiate navigation, start navigation now, navigating for me.
	Navigation	ATMs on the way, gas stations along the way, go to the toilet first, find a park on the way, I need to go home first.
	Remaining mileage query	How far, how long, how long will it take to reach the destination, how long will it take to arrive, how long will it take for me to get there.
	See the overview	See the overview, view the whole journey, see overview map, overview mode and map overview mode.
	Retrieval along the way	Gas stations along the way, toilets along the way, searching for ATMs along the way, finding a repair shop on the way, looking for a toilet on the way.
	Set the address of home/company	Set the current location as company, set the warm community as home, save this location as my home, and the address of home is warm community.
	Avoid congestion route (Reset route preference in navigation)	Avoid congestion.
	Avoid expressway route (Reset route preference in navigation)	Avoid expressway.
	Cost-effective route (Reset route preference in navigation)	Avoid charging.
	Expressway priority route (Reset route preference in navigation)	Expressway priority.
	Location query	Where is Tencent Building, search for Carrefour in Sanli'an, search for the location of Sanli'an Carrefour, search for Shanghai Regent Grand Hotel, please help me find Yuhuan Grand Theater, search for Ruibo Garden in Liangyuan District, Shangqiu City, search for Nanshan Ode to Joy shopping center, search for People's Park, I want to search for Xinjiang Miaoergou, search for Liberation Monument.
	Locate the current position	Where am I now, where am I at now, what is my current location, where I am currently and my current location.
	Surrounding search (vehicle location)	Nearby gas station, nearby parking lot, nearby hotel, I'm going to Hua Xia Bank and looking for a hospital nearby.
	Map zooming	Zoom in the map, the map zoomed in, zoom out the navigation map, enlarge the map, and zoom out the map screen.
	Day/night mode switching	
	Start or cancel after path planning is completed	Cancel navigation, I want to cancel route, cancel current route, I want to stop navigation, navigation canceled.
Voice control navigation	2D mode	2D mode
	3D mode	3D mode
	North up	North up
	Vehicle head up	Vehicle head up
	Traffic conditions ahead	Is there a traffic jam ahead? Is it congested ahead? What are the traffic conditions ahead? How's the traffic ahead? Is the road ahead clear?
	Traffic condition query	Is there a traffic jam on Chang'an Avenue? Is the North Fourth Ring Road blocked? What's the traffic condition on Shennan Avenue?

Primary functions	Voice controllable functions	Voice command examples
		What about the traffic condition of Renmin Middle Road? Is there a traffic jam on the Beijing-Lhasa Expressway?
	Turn on/off the traffic condition	Turn on the traffic condition, turn off the traffic condition.

Voice control music function

Primary functions	Voice controllable functions	Voice command examples
Voice control navigation	On-demand by singer name	Play a song by Hua Chenyu, I want to listen to Jay Chou, I want to listen to a song by Huang Rong, play a song by Leslie Cheung for me to listen to, is there any music by Huo Zun and play some songs of him, play a song by Eason Chan, I want to listen to a song by Hebe Tien, I want to listen to a song by Faye Wong, play a song by Wang Feng, play a song by Jonathan Lee.
	On-demand by song name	I want to listen to the Twilight's Chapter Seven, play the song Fresh Touch of Love, song Female Consort Prince, I want to listen to Coffee Time, I want to listen to Fire, play a song Qing Qing, play a song Boundless Oceans, Vast Skies, I want to listen to Black Sweater, I want to listen to music Fantasy, listen to Soil of Spring.
	On-demand by singer name + song name	Play Jay Chou's Waiting For You, I want to listen to Stefanie Sun's green light, play Sister's Farewell.
	On-demand by album	I'd like to listen to album Common Jasmine Orange and play Fantasy album.
	On-demand by list	I'd like to listen to hit songs and play the latest songs.
	Previous song	Previous song, last song, previous one, last one, previous track.
	Next song	Next song, following song, next one, following one, next track.
	Favorite music	Favorite this song, favorite songs, favorite.
	Play	I want to keep playing, keep playing, I want to continue.
	Pause	Pause, pause playing, pause for a moment, pause for a second, I want to pause.
	Switch play mode	Switch to random cycle, all cycle and single cycle.

Voice control radio program function

Local broadcast

Primary functions	Voice controllable functions	Voice command examples
Voice control program	Listen to # Radio station name #	I want to listen to Tianjin Life Radio, listen to Zhejiang Traffic Radio, listen to Fujian Traffic Radio, play the Beijing's radio program, listen to the Voice of Economy, play the Voice of China, play the Voice of Economy for me, listen to Beijing People's Broadcasting Station Traffic Radio, and I want to listen to Tianjin Traffic Radio, and listen to CNR MusicRadio.
	Tune in # FM #	Radio 94.2 MHz, I want to listen to FM 927, play 101.1, radio FM 88.00, turn on radio 106.1, listen to FM90.4, play FM90.1, switch to FM90.7, change the station to FM90.0, and play FM90.0.
	Tune in # AM #	I want to listen to AM1017, I want to listen to AM x0xx, play AM 45.2 for me, turn on AM83.9, I want to listen to AM83.9, listen to AM 45.2, play AM83.9 for me, AM 45.2, play AM83.9, AM 810.
	Tune in # Numbers #	Turn on the radio 911, turn on the radio to listen to 911, play 1039, play 900, I want to listen to 1058, I want to listen to radio 1011, and listen to 957.

Online radio

Primary functions	Voice controllable functions	Voice command examples
Voice control radio	Listen to # Album name #	Play Chinese Classical Literature, Storytelling Club, listen to the Power Trio, please play Gao Xiaosong's Northern Compass, listen to New CSL Talk Show, listen to Sports World, play Roast Sports, I want to listen to Talks by Xiaosong 2017, listen to Super Soldier King, listen to Football Matters, I want to listen to A Basket of Embarrassing Stories, I want to listen to review of Yin-Yang Agent: The Fate Changer, I want to listen to Nine Death into God.
	Listen to # Anchor name #	Shan Tianfang's storytelling, give me a piece of Guo Degang's crosstalk, listen to Luo Zhenyu's program, play Yue Yunpeng's crosstalk, I want to listen to Yue Yunpeng's crosstalk, listen to Kaishu for an inspirational story, let's have a short story about Uncle Qiumu, Zhao Benshan's program, and Ma Weidu's program.
	Listen to # Album category #	I want to listen to children's stories, I want to listen to classic fairy tales, listen to Luo Zhenyu's talk show, please tell me a story, play crosstalk, I want to listen to crosstalk for a while, play novels that travel through time and space, play the most popular talk show, I want to listen to the hottest crosstalk, play novels for me.
	Listen to # Album subcategory #	I'd like to play constellation radio programs, recommend leisure radio programs, listen to audio programs about emotional life, listen to military radio programs, listen to radio stations that recommend new songs, listen to audio programs about celebrity gossip, play a time-travel/alternate history novel for me, listen to funny stories, randomly play a technology-related program, play a car-related program, and I want to listen to a radio program about health preservation.
Voice control radio	Tell jokes	Tell me a funny joke, tell me a joke, tell me a dry joke, tell me a good joke, I want to hear a joke, please tell a joke, I want to hear something funny, I'd like to hear a joke, tell a joke so that I can have some fun, are there any new jokes, please tell me a joke, tell a joke.

Voice control A/C function

Primary functions	Voice controllable functions	Voice command examples

Voice A/C	Turn on the A/C	Turn on the A/C, turn the A/C on.
	Turn off the A/C	Turn off the A/C, disable the A/C, turn the A/C off.
	Adjust the wind direction	Adjust the wind direction, adjust the blowing mode and switch the blowing mode.
	Air-to-footwell	Adjust the A/C to air-to-footwell mode, and adjust the blowing mode to air-to-footwell mode.
	Defrosting and air-to-footwell	Switch the A/C to air-to-footwell and defrosting mode, or try another A/C for air-to-footwell and defrosting.
	Air-to-face and air-to-footwell	Switch the A/C to air-to-face and air-to-footwell mode, or try the A/C for air-to-face and air-to-footwell mode.
	Air-to-face	Try to change the A/C into air-to-face mode, or change to air-to-face for a try.
	Front defroster	Turn on the A/C front defroster, or turn the front A/C front defroster on.
	Maximum front defroster	Turn on the maximum front defroster, or activate the maximum front defroster
	AUTO mode	Turn on the AUTO mode.
	Rear defroster	Turn on the A/C rear defroster, turn the A/C rear defroster on, or please activate the A/C rear defroster.
	Lowest wind speed	Adjust the air volume to the maximum, try the maximum air volume, Maximum air volume, adjust the air volume to Level VII, or set the air volume to the highest.
	Highest wind speed	Adjust the air volume to the minimum, try the minimum air volume, adjust the air volume to the lowest, adjust the air volume to Level I, or air volume to the lowest.
	Increase the air volume by X levels	Increase the air volume by 3 levels, increase the air volume by 2 levels, rise 2 levels of air volume, add the air volume by 3 levels, and increase 3 levels of air volume.
	Decrease the air volume by X levels	Decrease the air volume by 3 levels, decrease the air volume by 2 levels, lower 2 levels of air volume, reduce the air volume by 3 levels, and decrease 3 levels of air volume.
	Set the driver's seat to **°C (18°C - 32°C)	Adjust the temperature for driver's seat to 27°C, set the driver's side temperature to 26°C.
	Increase the driver's seat temperature	It is so cold and increase the temperature of the driver's seat, or raise the driver's seat temperature.
	Lower the driver's seat temperature	It is so hot and lower the temperature of the driver's seat, or reduce the driver's seat temperature.
	Set the front passenger's seat to **°C (18°C-32°C)	Adjust the front passenger's seat temperature to 27°C, set the and front passenger's seat temperature to 26°C.
	Increase the front passenger's seat temperature	It is so cold and increase the temperature of the front passenger seat, raise the front passenger's seat temperature
	Lower the front passenger seat temperature	It is so hot and lower the temperature of the front passenger's seat, reduce the front passenger's seat temperature.
	Highest temperature	Adjust to the highest temperature, try the highest temperature, adjust the temperature to highest, set to the highest temperature, and adjust to the maximum temperature.
	Lowest temperature	Adjust to the lowest temperature, adjust temperature to the lowest, temperature to the minimum, set to the lowest temperature, and adjust to the minimum temperature.
Voice A/C	Internal circulation	A/C internal circulation, change to A/C internal circulation.
	External circulation	A/C external circulation, turn the A/C to external circulation.
	Turn on the AUTO mode	Turn on the A/C AUTO mode, enable the A/C AUTO mode, activate the A/C AUTO mode, and turn the A/C AUTO mode on.
	Turn off the AUTO mode	Turn off the A/C AUTO mode, please turn off the A/C AUTO mode, please disable the A/C AUTO mode, turn the A/C AUTO mode off, deactivate the A/C AUTO mode.
	Turn on refrigeration	Turn on refrigeration, activate refrigeration and enable refrigeration.
	Turn off refrigeration	Turn off refrigeration, disable refrigeration.

Voice control telephone function

Primary functions	Voice controllable functions	Voice command examples
Voice control telephone	Make a call to the contact	Call Xiaota, connect me to Xiaota, I'm going to dial Xiaota's number, Xiaota's phone number, I'm going to call Xiaota, please dial Xiaota's phone number, please call Xiaota
	Make a call to the Yellow Pages	Call Jingdong customer service, call China Merchants Bank credit card, call China Unicom, I want to call the police.
	Call records query	Open call records, view call records, and view dialed calls.
	Inquiry number	Please help me check the phone number of Xiaota, find the phone number for the contact Xiaota, what is Xiaota's phone number.
	Open the phone book	Check the phone book, open my contacts, open contacts and open address book, phone directory, search phone book and search contact list.

Voice vehicle control

Primary functions	Voice controllable functions	Functional description	Voice command examples
Voice vehicle control	Window control	Open all the windows completely	Open all windows, all windows are opened.
		Close all windows completely	Close all windows, all windows are closed.
	Ambient light control	Color value adjustment (red, blue, etc.)	Ambient light is adjusted to blue.
		Change the color	Change the color of ambient light, turn the ambient light to a different color, next ambient light color, ambient light color change, previous ambient light color.
Voice vehicle control	Ambient light control	Brightness adjustment	Adjust the display to the darkest, raise the screen a little bit, increase the screen to the maximum, turn the screen to the brightest, lower the screen brightness somewhat, adjust the display to daytime, slightly lower the screen brightness, help me set the screen brightness to night mode, adjust the screen brightness to the brightest, set the screen brightness to daytime mode, help me turn down the screen brightness by 2 levels, set the screen brightness to Level 5, and dim the backlight brightness, can you make the screen backlight brighter, can you adjust the brightness of the screen to twenty percent, and can you dim it for me? Screen backlight brightness, now, immediately adjust the screen backlight brightness to the brightest, reduce the backlight brightness, increase the brightness by 2 levels, and adjust the backlight to Level 2. Increase the brightness by 2 levels, and adjust the backlight to Level 2.
	Seat heating	Activate seat heating	Turn on the seat heating, please turn the seat heating on.
		Turn off seat heating	Turn off the seat heating, please turn the seat heating off.
	Remaining mileage query	Endurance query	How far the car can go and how many kilometers are left.
	System command	Turn on voice settings	Turn on the voice setting and voice setting.
		Switching voice roles	Summon Daji, summon Li Bai, switch to Daji, and switch to Li Bai.
		Return to the main interface	Open the home screen and return to the home screen.

	Sunshade	Close the sunshade	Close the sunshade, turn off the sunshade, please close the sunshade.
		Open the sunshade	Open the sunshade, turn on the sunshade, open the sunshade for me.
	Window system	Open all windows	Open all windows, lower the windows, and all windows are opened.
		Close all windows	Close all windows, raise all windows, and all windows are closed.
		Open the rear right window	Open the rear right window, lower the rear right window, and the rear right is opened.
		Close the rear right window	Close the rear right window, lower the rear right window, and the rear right window is closed.
		Open the front right window	Open the front right window, lower the front right window, the front right window is opened, and I want to open the front passenger side window.
		Close the front right window	Close the front right window, raise the front right window, the front right window is closed, and close the front right window for me.
Voice vehicle control	Window system	Open the rear left window	Open the rear left window, lower the rear left window, and the rear left window is opened.
		Close the rear left window	Close the rear left window, raise the rear left window, the rear left window is closed, and help me close the rear left window.
	Vehicle traveling data recorder	Turn on the dashcam	Turn on the dashcam and activate the dashcam.
		Turn off the dashcam	Turn off the dashcam and deactivate the dashcam
		Take photos	Take photos.
		Five-continuous shooting	Continuous shooting.

Voice control system function

Primary functions	Voice controllable functions	Voice command examples
Voice control system	Open the application	Turn on the radio function, turn on navigation, turn on video, turn on music, please help me turn on GPS navigation, turn the navigation on, open the navigation, turn off music and switch to AM.
	Close the application	Turn off Kugou, turn off music, turn off navigation, turn the music off, turn off Bluetooth music, please help me to turn off music.
	Turn off the screen	Turn off the screen, turn the screen off, switch off the screen.
	Mute	Turn on mute mode, enable mute mode, activate mute mode, mute the volume, mute it, please help me to turn on the mute mode, set to mute, mute.
	Volume adjustment	Turn up the music volume, the song is too low to be heard, turn the music up, turn off the radio volume, can you lower the volume of voice broadcast, and turn on the radio.
	Custom wake-up word	I'll name you Feng Xiaoxing.

Caution

In addition to the above-mentioned standard voice commands, Forthing Voice Assistant will continuously upgrade and expand new voice commands according to your use. You can try different voice interaction vocabularies.

Intelligent service knowledge base for voice control

Primary functions	Voice controllable functions	Voice command examples
Voice invocation,	Weather: Inquire about weather, temperature, activity and air quality	How cold it will be tonight, how hot it will be in Beijing tomorrow, is it suitable for car washing today, is it suitable

intelligent services and knowledge base		for climbing the mountain tomorrow, and is it suitable for fishing the day after tomorrow?
	Translation	How to express "Dragon Boat Festival" in English?
Voice invocation, intelligent services and knowledge base	News	What's the big news today, what's the hot news today, what's the news today, listen to the latest hot topics, let's hear a piece of news, what's the recent major news, what's the great news today, what's happening recently, today's focus, and what happened in the world today?
	Scientific query: Unit conversion, calculator	How many meters are in a kilometer, how many kilograms are in 3.01 tons, what is the distance of a light-year, what is 3+5 equal to, what is 15 plus 3 equal to, and 9533 minus 254?
	Geographical location query: Check the capital	Where is the capital of China and where is the capital of the United States?
	Number inquiry: Check the postal code, telephone number and yellow pages	What is the postal code for Shanghai and what is the telephone number for the post office in Shanghai?
	Ancient poetry: Search the full text and author of ancient poems, inquire about the dynasties of ancient poems, search for ancient poems by labels, and inquire about continuous lines (previous sentence - next sentence)	Who wrote the Thoughts in the Silent Night?
	Time and date: time, date, number of days holiday arrangement, gregorian calendar to lunar calendar conversion, week, festival and constellation matchmaking	What time is it in New York, what's the current time, what's the date of today, I want to know when the Spring Festival in 2018 will be, how many days are there before the Dragon Boat Festival, what's the date on the lunar calendar today, what day is the Spring Equinox on the lunar calendar, what day of the week is it today, what day of the week is Tomb-Sweeping Day this year, what date is the Double Seventh Festival, and what festival is it on the ninth day of the ninth lunar month?
	Stock inquiry: Inquire the individual stock quotation, stock price, trading volume, transaction amount, turnover rate, P/E ratio, market capitalization, market index quotation,	What is the market quotation of Wanda Group?
	Flight information query	Flight number: MU3194
	Total assistance	What can you do, talk about your functions, I want to learn about your functions, how many functions do you have, what are your capabilities, introduce all your functions and what are your functions?
	Assistance in different fields	How to use the navigation device, navigation voice assistance, open navigation assistance, what is the method of playing music, how to turn off music, how to listen to radio, how to tune channel, how to switch radio stations, telephone voice assistance, how to turn up the sound of songs, how to play with Bluetooth, could you please tell me where the A/C switch is.
	Vehicle manual	Open the vehicle manual, open the user manual, where is the user manual, please help me open the vehicle manual, where is the vehicle manual, How can I open the vehicle manual?

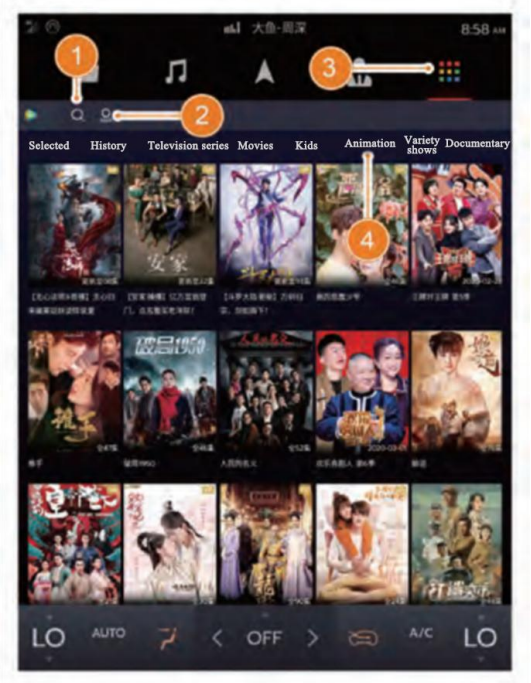
Instruction of Tencent Video

Enter Tencent Video

1. Tap the icon on the upper function bar to enter More Applications.

2. Tap the icon of Tencent Video to open and use it.

Utilize Tencent Video



1. Tencent Video search function, tap to search for videos and watch them.

2. Personal center function, tap to enter Tencent Video personal center. Users can log in and switch accounts. The VIP information of Tencent Video account is consistent with that of PC terminals and mobile terminals.

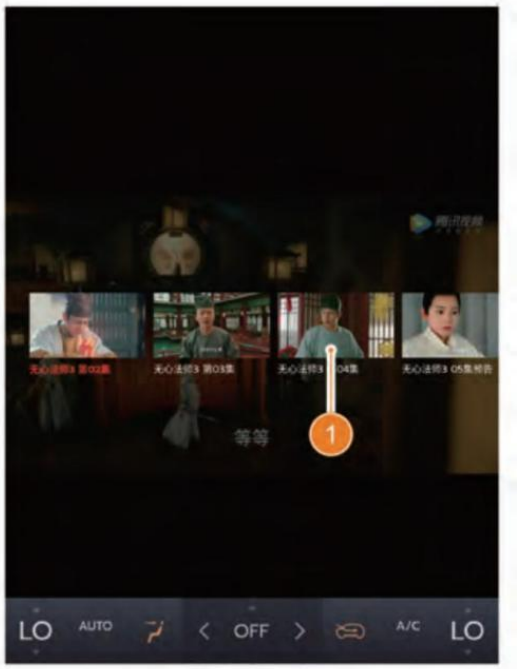
3. Tap any button on the function bar at the top to exit Tencent Video and return to the specified interface.

4. The category tags on Tencent Video can be swiped to view, and tap the tag to enter the corresponding category for video watching.

1. Tap to exit the currently playing video and return to the main interface of Tencent Video.

2. Tap any position in the play area to wake up the play control. In the central control area, you can perform operations such as rewinding 10s, pausing/playing, and fast-forwarding 10s.

3. Tap any position in the play area to wake up the play control. In the bottom control area, you can select episodes, drag to adjust the progress bar, choose video clarity, select playback speed, and perform other operations.



1. On the selection interface, tap to play the selected collection.

Instruction of WeChat

Open WeChat

Opening method I

1. Tap the icon on the upper function bar to enter More Applications.

2. Tap the WeChat icon and scan the QR code to log in.

Opening method II

Use the voice command "Open WeChat" and scan the QR code to log in.

Use WeChat

Send WeChat message

Messages that can be sent by on-board WeChat are voice messages, which are sent through voice commands. The user just needs to record and speak according to the prompts.

Relevant voice commands: "Send WeChat message to XXX", "Send message to XXX by WeChat"---------"XXX" is the name/nickname/remarks of WeChat contact.

Receive WeChat messages

When there is a WeChat message received, the Voice Assistant will prompt "XXX has sent a message", and you can receive relevant information through voice broadcast by voice command "Broadcast WeChat Message".

When receiving messages, the on-board WeChat will convert text information into voice information for broadcasting.

Log out of WeChat

The current WeChat login status can be exited through the voice command "Exit WeChat".

Interior layout

Sun visor

Turn over the sun visor downward to block the glare ahead. To block strong light from the side, first detach the left side support rod from the clip, and then rotate the sun visor to the side.

Vanity mirror

To use the vanity mirror, turn down the sun visor and open the vanity mirror cover.

Glasses case*

Press the glasses case upwards to open it. If you need to close it, just close it.

Storage Compartment

Pull the storage box cover handle leftward to open it, and fasten the handle upward to close the storage box.

Door storage boxes

Storage boxes are designed on the interior trim panels of front and rear doors, which can hold some small items.

Front-row storage box

Type I

Type II

Type III

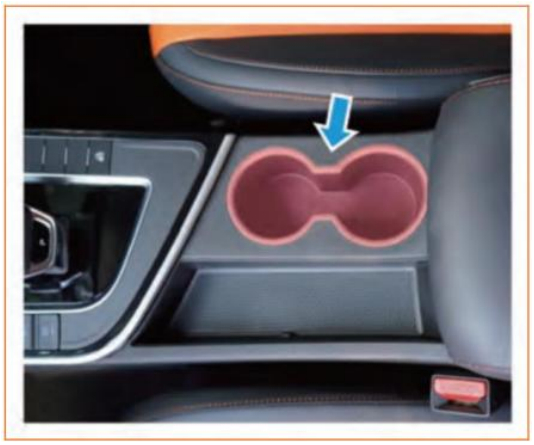
A storage box is designed at the lower part of the console for placing some small items, such as mobile phone.

Central Storage Box

To open the central storage box, turn up its cover.

Front-row cup holder

Type I



A cup holder is set in front of the central storage box for placing teacups, beverages and other articles.

Type II

There is a cup holder in the central storage box for placing items such as teacups and beverages. If necessary, the cup holder bracket on one side can be removed to place larger objects.

Second-row cup holder

A cup holder is designed on the central armrest of the second row. Pull the strap downward to turn out the cup holder.

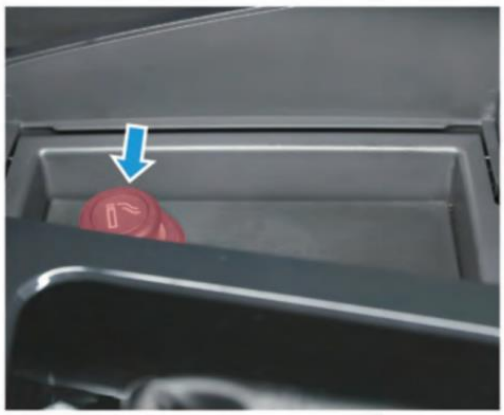
Third-row storage sink

A storage box is designed beside the rear seats for placing some small items, such as mobile phone.

Spare tire storage box

After opening the lower cover plate of the trunk, there is a spare tire storage shelf for placing some tools and articles.

Cigarette lighter *



The cigarette lighter is located in the front storage box of auxiliary instrument panel. The cigarette lighter can work only when the Start switch is in the "ACC" or "ON" position. To heat the cigarette lighter, push it in; when it's heated and ready for use, the cigarette lighter will automatically pop out with a "click" sound. Avoid holding down the cigarette lighter during heating to prevent it from overheating.

Caution

- Please do not take out the cigarette lighter from the socket at ordinary times, so as to avoid short circuit due to blockage of the socket by foreign matters.
- Do not plug the cigarette lighter with foreign matter to prevent a fire.
- Do not allow children to use or play with the cigarette lighter, so as to avoid fire.
- Do not insert cigarette lighters removed from other vehicles. This is to prevent the cigarette lighter from overheating and causing a fire.

USB interface

The USB interface can work only when the Start/Stop switch is at ″ON″ or ″ACC″ position. This interface can be used for mobile phone charging. When using it, open the cover, insert the USB flash disk, and adjust the multimedia display to USB flash dick play mode.

Front USB interface of auxiliary dashboard

Type I

The USB charging port is located at the rear of the gearshift lever.

Type II

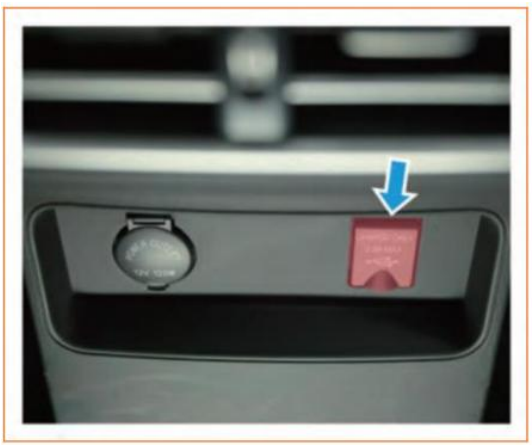
The USB charging port is located in the front storage sink.

Type III

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

Rear USB interface of console

Type I



Type II

The rear USB port is located below the rear air outlet of auxiliary dashboard. This USB port only has the charging function.

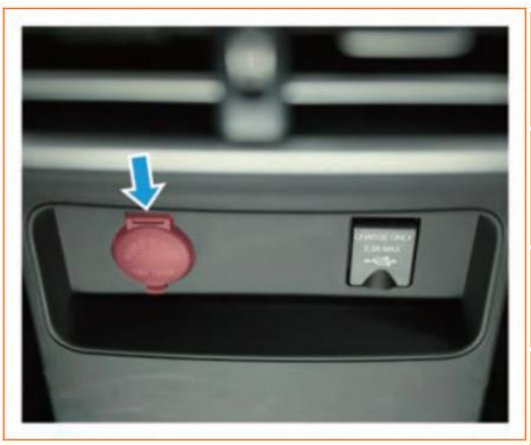
Caution

- Please cover the USB port when it is not in use, so as to prevent dust or water from entering the USB port and disabling its function.
- The USB power interface only provides charging function, and the maximum charging current is 2.3 A. Do not insert high-current electrical appliances to avoid fire.
- Do not insert metal foreign objects into the interface to avoid fire caused by short circuit.

12V On-board power supply

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

Type I

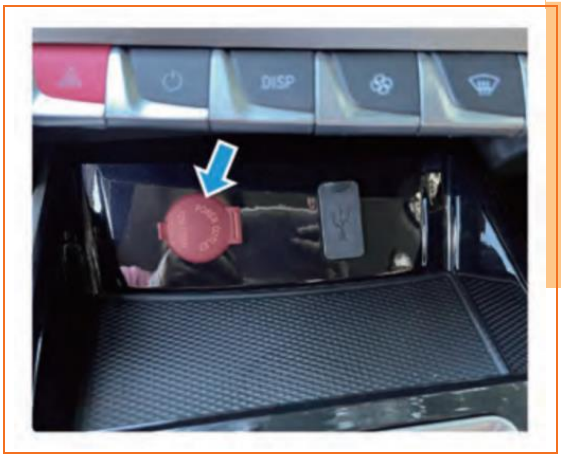


The 12V on-board power supply is located below the rear air outlet of the auxiliary dashboard.

Type II

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

Type III



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

Caution

- When the 12V on-board power supply is not

used, cover the dust cap tightly.

- The maximum output power of the 12V on-board power supply assembly is 120W. Do not connect any high-power electrical appliance to avoid fire.
- Do not allow children to use or touch the 12V on-board power supply, and do not insert metal foreign matters into the power interface to avoid short circuit and fire.
- The 12V on-board power supply is only used for power supply. Do not insert the cigarette lighter into the 12V on-board power socket to avoid fire caused by short circuit.

Wireless charging*

The wireless charging device is installed in the central storage box. The wireless charging equipment can work only when the Start switch is not at "OFF" position.

The charging mode is set on the equipment to be charged. For models equipped with keyless entry, the charging function may be interrupted when a door is opened or the Start switch is turned off.

During charging, moving the device being charged may interrupt the charging function.

Charge

Before charging, make sure that there is no other article in the charging area. When the Start switch is not at OFF position, place the equipment to be charged in the middle of the charging area. At this time, you will hear a "beep" sound, indicating that the charging function is enabled.

After the equipment finishes charging, it will automatically stop. If it is necessary to stop charging midway, remove the charging device from the surface of the wireless charging device.

This device can only support charging of one device at a time.

Forgotten device reminder function

The wireless charging device has a forgotten device reminder function. Triggering conditions include:

1. Place the equipment to be charged on the surface of the wireless charging device.
2. The Start switch is at OFF position.
3. The driver' s door is opened.

If the above conditions are met at the same time, the instrument cluster will display "Forgot Mobile Phone" and buzz for 30s. During this period, if the conditions change, the reminder function will be turned off.

Caution

- During wireless charging, do not place metal objects (such as coins and keys) in the charging area. Otherwise, there may be risks such as system overheating or interference with charging.
- During wireless charging, do not place the smart key above the equipment being charged as much as possible to prevent it from failing due to electromagnetic influence.
- When the vehicle is powered OFF, some charging icons of portable charging devices may indicate the charging status. This is because wireless charging detects that the portable device emits a weak electric field and activates the charging icon, but it does not actually charge the portable device.

Dashcam *

1. Dash cam memory card

The dashcam is located above the windshield inside the vehicle. Position 1 is the TF card plug-in interface, which is convenient for operating the TF card. When the Start/Stop switch is turned from "OFF" to "ACC" position,

the vehicle travelling data recorder starts to work and enters the video recording status.

△ Warning

In order to ensure the personal and property safety of the driver, it is strongly recommended that this vehicle travelling data recorder should not be operated during driving, so as to avoid personal injury and property damage. Please properly set relevant items before driving.

Interior handle

The vehicle is equipped with interior handles on the front passenger side and both sides of the rear seat for passengers to use under special circumstances. The interior of the door handle is equipped with a spring mechanism, which automatically returns to its original position when released.

Coat and hat hook

The interior handles in the middle and on both sides of the rear row are designed with coat hooks for passengers to use.

Magazine back of seat back

The magazine bag is located on the back of the front and second row seats (some models), which is used to place small items such as plastic bags and tissues.

Trunk light

After the trunk is opened, the trunk light will automatically light up to facilitate storage of items.

Retractable parcel shelf

The trunk is provided with a retractable parcel shelf. Unfolding operation steps are as follows:

1. Pull and hold the handle, turn it upwards, and remove the clamping pins at both ends from the outer metal tube. Pull open the curtain, and fit the clamping pins on both sides into corresponding slots of the side wall.

2. Retractable parcel shelf recovery steps are in reverse order of unfolding steps.

For the seven-seat model, when it is necessary to use the rear seats, please stow the retractable parcel shelf under the carpet and fit it into the corresponding fixing grooves on both sides before unfolding the rear seats.

Caution

The retractable parcel shelf is a decorative part, which can cover the luggage compartment. Placing heavy objects for a long time may cause damage to the parts. Light articles such as tissues, pillows and clothes and hats can be placed on it, but the total weight shall not exceed 2 kg.

Safety

Seat Belt

Driving precautions

Before driving, please be sure to read the contents of this chapter, which will ensure that you are familiar with the correct operation methods and precautions of the vehicle, so as to facilitate safe driving.

Why should you wear a seat belt properly

Each passenger must wear their seat belt correctly while in the vehicle.

The SRS can only provide protection when you wear your seat belt, ensuring maximum safety for passengers in the event of unexpected accidents.

In case of an emergency braking under unexpected circumstances during driving, the driver and passengers can be restrained to the seat with the seat belts to avoid personnel rushing forward, thus protecting them from secondary collision injury.

△ Warning

- Do not cross the seat belt across your lower abdomen. Otherwise, in the event of an accident, it may press forcefully against the lower abdomen, increasing the risk of injury.
- Adjust the shoulder part of the seat belt to the most suitable position and tighten it as much as possible to eliminate any twisted status; otherwise, the function of the seat belt will be reduced, increasing the risk of injury.
- When a child rides in the vehicle, be sure to use a suitable protective device and do not let the child sit on the front seat.
- Each passenger is allowed to use only one seat belt. Do not hold a baby or child in your arms and fasten the seat belt around them, as this could result in serious danger during an accident.

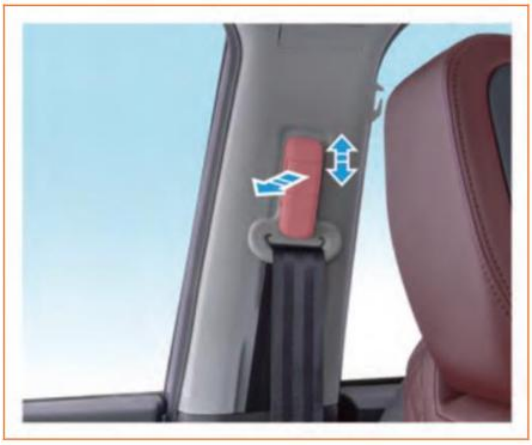
How to correctly wear a seat belt

The hip belt shall be as low as possible and close to the hip, just touching the thigh. The shoulder belt should go over the shoulder and across the chest. In case of emergency braking or collision, the shoulder belt will be locked.

Three-point seat belt

All seating positions in the vehicle are equipped with three-point seat belts. To fasten the seat belt, pull the belt from the retractor and insert the tongue into the buckle until you hear a "click", which indicates that the seat belt is locked. To unfasten the seat belt, simply press the button on the buckle.

Shoulder belt height adjuster*



Pull out the adjustment button to adjust the height adjuster up and down. The height adjuster can be moved up by pushing the sliding block trim panel upwards.

Seat belt retractor

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

△ Warning

Do not repair, adjust, remove or install the seat belt and the retractor by yourself. If the seat belt and the retractor need repairing or replacement, contact the authorized service station of Dongfeng Forthing.

Airbag

Brief introduction

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

Airbag Position

Front airbag

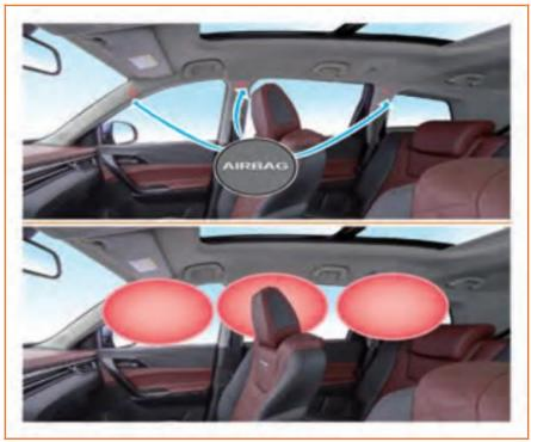
1. Driver seat airbag
2. Front passenger airbag

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

Front side airbag*

The side airbags are installed in the backrests of both the driver's seat and the front passenger's seat; the backrests are marked with the sign “SRSAIRBAG”. In case of a violent collision, the sensor will be triggered to deploy the airbag between the occupant and the door trim panel, so as to protect the safety of occupants.

Side curtain airbag *



The side curtain airbags are mounted above the vehicle doors on the left and the right sides, where the signs of “SRSAIRBAG” are marked.

In case of side collision and/or frontal collision, the side curtain airbags will deploy to protect the heads of the driver and other passengers from hitting the inner wall of the vehicle.

Warning

As the side airbags and curtain airbags deploy with considerable speed and force, it is forbidden to keep your head close to the deployment areas of the side airbags and curtain airbags when the vehicle is running.

How airbags work

Deployment of front airbag

In case of a severe collision, the airbag control unit monitors the deceleration caused by the collision and determines whether the airbag deploys. If the conditions for airbag deployment are met, the airbag will quickly deploy, providing additional protection for the heads and chests of the driver and passengers, alongside the seat belts, to reduce injuries.

Deployment of front airbag

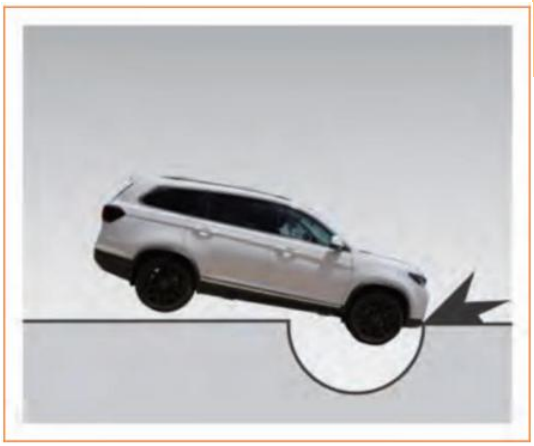
The front airbag deploys in case of a frontal collision with a solid wall at a speed of 25 km/h or more.

The front airbag deploys in case of a severe impact within the included angle of ±30° from the front of the vehicle.

Undeployment condition of front airbag

- Vehicles that do not start.
- The vehicle collides with easily deformable objects such as trees

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



• The vehicle suddenly falls into a deep pit or trench.

• The vehicle hits the rear end of (runs under) a truck.

• The vehicle collides with a stationary vehicle of the same weight.

• The impact direction and impact point deviate from the center of the vehicle by more than 30°;

• Rollover.

• Side collision, rear collision, slight frontal collision.

• The airbag system is faulty.

• Other special circumstances.

Undeployment condition of front side airbags and side curtain airbags

• Frontal collision or nearly frontal collision.

Rear collision.

• Rollover.

• Slight side collision ("slight" is in terms

of what is sensed by the airbag control unit or collision sensor and has nothing to do with the vehicle damage degree).

- The airbag system is faulty.
- Other special circumstances.

How airbag indicator works

Before driving, put the Start switch to "ON" position. The SRS will perform self-inspection and the airbag MIL will illuminate and then go out a few seconds later.

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

- When the Start switch is turned to "ON" position, the airbag indicator does not illuminate.
- After the engine is started, the airbag indicator remains on.
- The airbag indicator illuminates or flashes when the vehicle is running.

Dangers of airbags to children

There is an airbag warning label on the front passenger sun visor. Do not place a backward-facing child seat on a seat protected by the airbag (activated). In a collision, the inflated front airbag will impact the child with great force and cause serious injury.

Precautions for use of airbag

The airbag may rapidly inflate in case of a severe frontal impact, and it may also deploy in response to other types of impacts similar to a severe frontal collision. In some frontal collisions, the airbag might not deploy. The extent of vehicle damage (or no obvious damage) is not an indicator of whether the front airbags have deployed.

After the airbag is deployed, it reaches high temperatures. Do not touch it. The inflation process is noisy and may potentially impact hearing. Smoke is released during deployment; please rinse any exposed skin with warm water and soap afterwards to prevent irritation.

Event data recorder (EDR)

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

S/N	Parameter name	Meaning	Unit
1	Longitudinal delta-V	Change in longitudinal vehicle speed	km/h
2	Maximum recorded longitudinal delta-V	Maximum cumulative change in longitudinal vehicle speed	km/h
3	Maximum recorded longitudinal delta-V time	The time when the maximum cumulative change in longitudinal vehicle speed is reached	ms
4	Clipping sign	It indicates the time point when the EDR acquisition acceleration (horizontal and longitudinal) reaches the sensor range for the first time	ms
5	Vehicle speed	Wheel linear speed	km/h
6	Service brake, on or off	Used to detect whether the driver has depressed the brake pedal	/
7	Status of driver seat belt	Status of driver seat belt buckle switch	/
8	Percentage of accelerator pedal position to Percentage of fully depressed position Ratio	The percentage of the actual position of the accelerator pedal to the fully depressed position by the driver	/
9	Revolutions per minute	Revolutions per minute of main crankshaft of the vehicle's engine	r/min

10	Cycle when the Start switch is set to ACC/ON position during the event	Number of power cycles of the ECU for recording EDR data from the first service time of the ECU to the event occurrence time.	Cycle
11	Read the cycle when the Start switch is at ACC/ON position	Number of power cycles of the ECU for recording EDR data from the first service time of the ECU to the data reading time.	Cycle
12	Completeness status of event data record	Whether the event is completely recorded	/
13	Time interval between current event and previous event	Time interval between two events	s
14	Vehicle identification number	VIN	/
15	Hardware number of ECU for recording the EDR data	Hardware number of the EDR device	/
16	Serial number of ECU for recording EDR data	Product serial number of the EDR device	/
17	Hardware number of ECU Software number of ECU	Software number of the EDR device	/

- The vehicle's Event Data Recorder (EDR) is integrated into the airbag controller. Data can be extracted using special diagnostic equipment at authorized service stations of Dongfeng Forthing. For detailed extraction procedures, refer to the vehicle's specific SRS maintenance manual.
- The vehicle speed data recorded by the vehicle's Event Data Recorder System (EDR) is derived from the wheel speed provided by the vehicle's Anti-lock Braking System (ABS).
- The data recorded by the vehicle's Event Data Recorder System (EDR) is categorized into unlocked and locked event data. The former is the data recorded when EDR recording conditions are met but SRS deployment conditions are not met. The latter is the data recorded when the SRS system deployment conditions are met. The unlocked event data overwrites the previous unlocked event data in chronological order; the locked event data cannot be overwritten by the data of subsequent events, and a total of three event data can be recorded.

Children protection measures

Safety instructions for children

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

This chapter provides essential overviews and detailed guidance on the safety of infants, young children, and older children.

To ensure optimal child protection, safety devices should always be installed when infants, young children, or older children are passengers.

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

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

Utilize the child safety lock and never leave children unattended in the vehicle.

Protective measures for infants

The neck of infants under one year old is very fragile. If they sit facing forward, it is easy to cause neck injury in case of a frontal collision. Therefore, it is recommended to use a backward-facing child restraint system.

Protective measures for young children

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

Protective measures for older children

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

Child restraint system

In addition to three-point seat belts for children protection, the middle-row seats also provide child restraint system with two standard "ISOFIX" interfaces, and appropriate child restraint system can be selected as required.

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

Mass group	Seating position				
	Front passengers	Middle row left	Middle row right	Middle row middle	Rear row
Group 0 (less than 10 kg)	X	U	U	X	X
Group 0+ (less than 13 kg)	X	U	U	X	X
Group I (9 KG to 18 KG)	X	U	U	X	X
Group II (15 KG to 25 KG)	X	U	U	X	X
Group III (22 G to 36 KG)	X	U	U	X	X

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

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

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

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

Mass group	Size category	Fixing module	ISOFIX position on vehicle				
			Front passengers	Middle row left	Middle row right	Middle row middle	Rear row
Carrycot	F	ISO/L1	X	IL	IL	X	X
	G	ISO/L2	X	IL	IL	X	X
		(1)	X	IL	IL	X	X
Group 0	E	ISO/R1	X	IL	IL	X	X
		(1)	X	IL	IL	X	X
Group 0+, less than 13 KG	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 to 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		(1)	X	IL	IL	X	X
Group III		(1)	X	IL	IL	X	X

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

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

IL: Applicable to special ISOFIX child restraint system. Such restraint systems may be for special, restricted or semi-general vehicles.

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

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

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

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

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

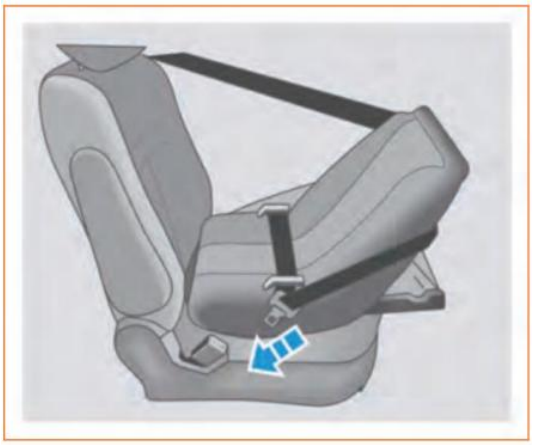
D—ISO/R2: Reduced-height rearward-facing toddler CRS.

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

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

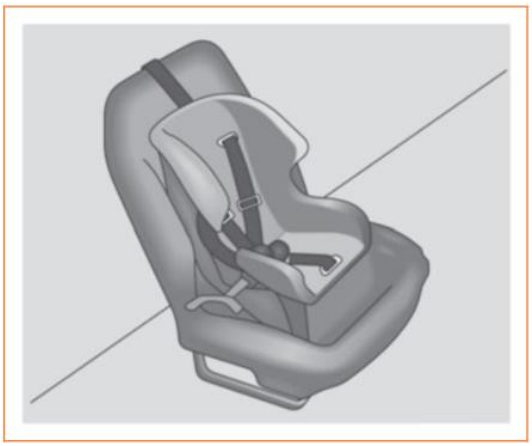
G—ISO/L2: Right-side facing child restraint system (carrycot).

Installation of infant restraint system



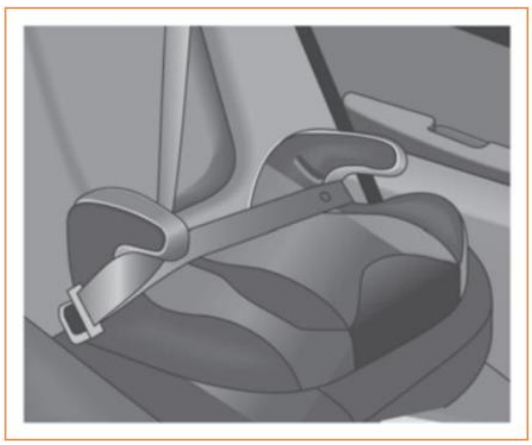
Pass the three-point seat belt through or around the infant seat, insert the tongue into the buckle, and make sure that the tongue and the buckle are locked firmly. Do not twist the seat belt. Keep the leg belt tight.

Installation of young children restraint system



Pass the leg belt and shoulder belt through or around the child safety device, and insert the tongue into the buckle. Do not twist the seat belt and tighten the leg belt.

Installation of older children restraint system



If the child does not meet the requirements for using a forward-facing restraint, install an auxiliary cushion on the rear seat and ensure the child is seated on the cushion to guarantee their safety.

Child safety rear door lock

The child safety rear door lock is designed to prevent the accidental opening of rear doors, especially when children are present in the vehicle. When the shift lever is in the locking position ①, the child safety rear door lock is engaged, allowing the rear door to be opened only via the exterior door handle. To disengage the child safety rear door lock, move the shift lever to the unlocking position ②.

ISOFIX interface

This vehicle not only utilizes a three-point seat belt to provide protection for children but also features a child restraint system with an ISOFIX interface in the middle row seats. Child safety devices conforming to ISO standards are secured by the ISOFIX interface without the need for additional seat belts.

Safety warning mark

Battery warning mark

The battery warning mark is stuck to the surface of the battery. The battery shall be kept away from heat sources and open flames, and ventilation shall be maintained during charging and use to prevent accidents.

Radiator warning label

Type I

Type II

The radiator warning label is stuck to the surface of the upper beam of the radiator. Do not touch the radiator, especially when the vehicle is just shut down, because the temperature of the radiator at this time is very high and it is easy to scald your skin.

Risk of carbon monoxide poisoning

Carbon monoxide gas is toxic, and inhalation of the gas will seriously threaten human life.

If vehicle has been correctly maintained, during normal driving, carbon monoxide from the vehicle exhaust will not enter your vehicle.

Check the exhaust system for leakage under the following conditions:

- The vehicle has been lifted due to replacement of engine oil or other reasons.
- The exhaust sound is abnormal.
- The underside of the vehicle was damaged in an accident.

When the boot lid is opened, the airflow may bring the exhaust gas into the vehicle, creating a dangerous environment. If you need to start the vehicle with the trunk lid open, open all windows and turn on the A/C for ventilation.

Driving

Start and Stop

Start switch

1. Start switch

Press the Start switch without depressing the brake pedal. The start switch can be switched between OFF, ACC and ON cyclically:

OFF position: The instrument cluster lights off. The multimedia system is deactivated, and the Start switch indicator goes out.

ON position: The instrument cluster lights on, and the Start switch indicator is yellow.

ACC position: The instrument cluster goes out, but the audio is turned on. At this moment, the Start switch indicator is yellow.

START: Only used to start the engine. After the vehicle is started, the Start switch indicator goes out.

Starting the engine

Normal start-up

Models with automatic transmission: Shift to P/N gear, depress the brake pedal and press the Start switch.

Models with manual transmission: At any gear position, depress the clutch pedal (fully depressed), and then the Start switch indicator turns green. Finally, press the Start switch to start the engine.

Emergency start-up

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

Forced start-up

When there is no braking signal, shift to neutral gear and set the Start switch to the ACC system position. At this point, pressing the Start switch again for more than 15s will start the engine.

Emergency start-up

When the engine ECU fails, the engine MIL  lights up and the engine cannot be started normally, please take the following operations:

2. Engage the neutral gear (P gear is also available for models with automatic transmission), press the Start switch once or twice without depressing the brake pedal, and light up the instrument cluster.

3. Press the start switch once to turn off the instrument cluster.

4. Press the start switch twice to light up the instrument cluster.

5. Depress the brake pedal for 5s (the Start switch indicator will turn green), and press the Start switch after 5s until the vehicle starts successfully, and then release the brake pedal.

Low battery start

When the battery of the smart key is too low or runs out, you can use the mechanical key inside the smart key to open the door, then put the smart key close to the Start switch and press the Start switch.

Failure of engine start

The cause of engine start failure can be determined based on the sound heard when the Start switch is turned to START position. It can be roughly divided into two types:

1. If no or almost no sound can be heard, the starter of the engine cannot rotate or rotates too slowly.

2. The sound of starter running normally or the sound of the starter running faster than normal is heard, but the engine does not start or run.

The starter cannot rotate or the speed is too slow

1. Check whether the battery terminal is tightened and clean.

2. If there is no problem with the battery terminal, please turn on the interior light. When the engine is started, if the interior lights

do not light up, become dim or turn off, the battery power has been used up. Try to start by jumper connection. If the lighting is normal but the engine cannot be started, please contact an authorized service station of Dongfeng Forthing.

Precautions for engine start

- At an altitude higher than 2400 m, it will be more difficult to start due to thin air.
- When it is cold or the vehicle has been parked for a long time, the engine may be difficult to start. Please preheat the engine for a few minutes before driving.

How to stop the engine

After the engine ran under a small load, it is recommended to make the engine to carry out idle running for 1-3 min and then stop the engine. This practice allows the engine to fully cool down, extending its service life.

Engine automatic start-stop system

When the vehicle is stopped (not parked), such as waiting for traffic lights or in case of a traffic jam, the automatic engine Start/Stop system will automatically stop and restart the engine without operating the Start switch to reduce gas emission and fuel consumption.

Enabling/disabling the automatic engine start-stop system

Press the engine Start/Stop switch on the instrument panel switch set, and the Start/Stop system indicator on the instrument cluster will light up in white, indicating that the engine Start/Stop function is activated. At the same time, a message of "Start/Stop system on" is displayed on the multimedia display screen. Press the engine Start/Stop switch again, and then the indicator A of Start/Stop system goes out. The engine Start/Stop function is deactivated, and "Start/Stop system off" is displayed on the multimedia display screen.

Caution

- If it is necessary to park the vehicle for a long time or if the driver needs to leave an unattended vehicle, please shut down the engine.
- Even if the vehicle is equipped with the automatic Start/Stop system, the parking brake must be applied when the vehicle is parked on a slope to prevent it from slipping.

Caution

- If the vehicle is parked for a long time in extremely cold outdoor weather, the engine shall run for a long time to raise the internal temperature of the battery to the temperature required for the automatic start–stop system to work normally.
- If the vehicle runs for a long time in an environment with poor heat dissipation, the battery temperature may be higher than the normal temperature range of the automatic start–stop system, and the automatic start–stop system will not work.
- ● For Forthing T5 Comfort model powered by C15TDR, it is recommended to manually deactivate the Start/Stop function to ensure effective refrigeration when the A/C is turned on.
- When the vehicle is wading, be sure to manually turn off the automatic start-stop system.

Automatic Start-Stop system display information

Status	Instrument display	Indicator color
Automatic start–stop system turned on		White
Automatic Start-Stop system in operation		Green
Automatic Start-Stop system fault		Red

Conditions for prohibiting shutdown

1. There is no relevant diagnostic fault for disabling the Start/Stop function (if any, the Start/Stop system MIL will flash. Please contact the authorized service station of Dongfeng Forthing).

2. There is no diagnostic fault related to the engine electronic control system (if any, the Start-Stop system indicator A on the instrument cluster turns red from white, indicating that there is a fault in the current

Start-Stop system. At the same time, the engine emission fault indicator will light up. Please contact the Dongfeng Forthing authorized service station).

3. Altitude exceeds 2600m.

4. The engine running time is less than 70s.

5. The airbag deploys and functions.

6. TCU sends a request to prohibit automatic shutdown.

7. The driver is not in the seat or the seat belt is not fastened.

8. The battery system is prohibited due to low power or operating temperature.

9. Brake vacuum degree is too low.

10. Turn on the A/C/heater (for some models).

11. The starter is overheated or in need of protection after frequent starting.

12. The vehicle is on a road with a slope of more than 7%.

13. The steering wheel angle is greater than 85° at the moment when the vehicle triggers automatic stop.

14. The front defroster switch of the vehicle is turned on.

15. The engine coolant temperature is lower than 40°C or higher than 110°C.

16. The recorded maximum speed of the vehicle after starting does not meet the requirement of being less than 10 km/h.

Automatically stop the engine

Vehicles equipped with manual transmission

- Depress the brake pedal to slow down the vehicle.
- Fully depress the clutch pedal/engage neutral gear in advance until the vehicle stops.
- Engage the neutral gear after the vehicle stops or release the clutch pedal completely after the vehicle stops, and the engine will automatically shut down. The Start/Stop system indicator A on the instrument cluster turns from white to green, and a message of "Start/Stop Working" is displayed on the screen.

Vehicles equipped with automatic transmission

- Depress the brake pedal to slow down the vehicle until it stops.
- When the gearshift lever is kept at D position, the engine will automatically shut down, and Start/Stop system indicator A on the instrument cluster turns from white to green, and a message of "Start/Stop Working" is displayed on the screen.

Vehicles equipped with automatic transmission

When the start/stop working indicator A on the instrument cluster illuminates, depress the brake pedal to decelerate the vehicle to 3 km/h and the following conditions are met:

- The accelerator pedal is released completely.
- Brake pedal is depressed.
- The engine stops running.

Maintained automatic shutdown

After the vehicle stops automatically with brake in D gear, AUTO HOLD is on or the EPB control lever is pulled up. The vehicle remains stationary even after releasing the brake pedal.

After the vehicle stops automatically with brake in D gear, shift to P/N gear with the brake pedal depressed, and the vehicle continues to be stopped. At this time:

- If the gearshift lever is kept at P/N gear, turn on AUTO HOLD or pull up the EPB. The vehicle remains stationary even after releasing the brake pedal.
- If the gearshift lever is kept in P gear, no matter whether AUTO HOLD is activated or EPB is pulled up, the vehicle remains stationary even after releasing the brake pedal.

Automatically start the engine

Vehicles equipped with manual transmission

- Depress the clutch pedal when the control lever is in N (neutral) position.
- When the Start-Stop working indicator on the instrument panel turns white from green, the engine will restart automatically.
- Vehicles equipped with automatic transmission
- When the engine stops automatically and the gearshift lever is kept in D position, release

your foot from the brake pedal or shift to any other position from D position.

- When the Start-Stop working indicator on the instrument panel turns white from green, the engine will restart automatically.

Vehicles equipped with automatic transmission

In the automatic stop status, performing the following operations will automatically start the engine.

- For the automatic stop status in D gear with the EBP not released, automatic start will be triggered by releasing the brake pedal.
- For the automatic stop status in D gear with the EBP not released, automatic start will be triggered by shifting to the non-P gear.
- In any automatic stop status, switch to R gear to trigger automatic start.
- For automatic stop when the brake pedal is released, depress the accelerator pedal to trigger automatic start.
- For automatic stop status with the gearshift lever at P/N gear, depress the brake pedal to trigger automatic start.
- Automatic start will be triggered if the steering wheel angle change is greater than 10° after automatic shutdown.
- Automatic start is triggered when any of the conditions for releasing the seat belt/opening the door are met.
- The front defroster switch of the vehicle is turned on, triggering automatic start.
- The A/C is turned on, triggering automatic start.
- When the battery cell temperature rises to 80°C, automatic start will be triggered.
- When the engine coolant temperature rises to 110°C, automatic start will be triggered
- When the engine is shut down, do not perform any starting operation and it will start automatically after 2 min.
- Turn off the main Start/Stop switch to trigger automatic start.

Non-human operation status change of automatic start and automatic stop

Engine shutdown after automatic start

For vehicles equipped with manual transmission, if the driver does not apply any pedal or gearshift lever after successful automatic start, the vehicle will stop automatically again a short time later.

Engine restart after automatic stop (non-subjective operation)

1. The battery power of the vehicle drops seriously.
2. The vehicle battery temperature is too high.
3. Continuous braking after automatic stop results in insufficient vacuum in the braking system.

Power steering

EPS *

The EPS can provide power during driving, so as to operate the steering wheel easily.

When parking or driving at an extremely low speed, if the steering wheel is operated repeatedly or continuously, the power will be reduced. This can prevent the EPS system from overheating. After the temperature of EPS system drops, the power level returns to normal. Avoid operating the steering wheel repeatedly; otherwise, the power of EPS will be reduced due to overheating.

When the steering wheel is turned quickly, friction sound may be heard, which is not a fault. If the EPS warning light illuminates when the engine is running, the steering wheel power will be weakened or lost, and more force is required to operate the steering wheel at this time.

Hydraulic power assisted *

The hydraulic power steering system assists you in turning the vehicle, allowing for easier steering wheel operation.

When the steering wheel reaches its limit, you may hear a sound from the power steering pump as it releases pressure, which is normal. Avoid holding the steering wheel at its limit for more than 5 seconds to prevent damage to the power steering pump and hydraulic lines.

In extremely cold conditions, due to the sluggish movement of steering fluid, it is normal for the power steering pump to make noise for a while after a cold engine start. The noise should subside once the engine warms up.

Automatic Transmission

Type I

1. Gear lock button

Type II

1. Unlock button
2. P gear button

Dual clutch transmission（7DCT）*

Type I

The 7DCT has 7 gears. Move the gearshift lever to D position, and then move it rightward to enter the Sport mode (S). Pull it forward or backward to enter the Manual mode and shift up or down the gears.

Type II

The 7DCT has 7 gears. Move the gearshift lever to D position, and then move it leftward to enter the Sport mode (S). Pull it forward or backward to enter the Manual mode (M) and shift up or down the gears.

Continuously variable transmission（CVT）*

The CVT has 8 gears. Move the gearshift lever to D position, and then move it rightward to enter the Sport mode (S). Pull it forward or backward to enter the Manual mode and shift up or down the gears.

Gearshift operation type I

Gear description

This transmission is provided with 6 gear modes, i.e. "P, R, N, D, S, + and -". The snowflake button refers to the snow mode switch. P refers to parking gear; R refers to reverse gear; N refers to neutral gear; D refers to forward economic operation mode; S refers to forward sport mode; + and-refer to upshift and downshift in manual mode. When the virtual 7-speed manual transmission（DCT）or 8-speed manual transmission（CVT）is set, press the snowflake button to enter the snow mode.

Operation methods

Shift out of P position: When the Start switch is at ON position, first depress the brake pedal and then press the lock button on the shift lever for gearshift.

Shift from R to P and from N to R: Press the lock button on the gearshift lever simultaneously. For operation of other gears, you can directly engage a gear without pressing the lock button on the shift lever.

Gearshift operation type II

Gear description

P gear（Parking gear）

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

D gear（Driving gear）

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

R gear（Reverse gear）

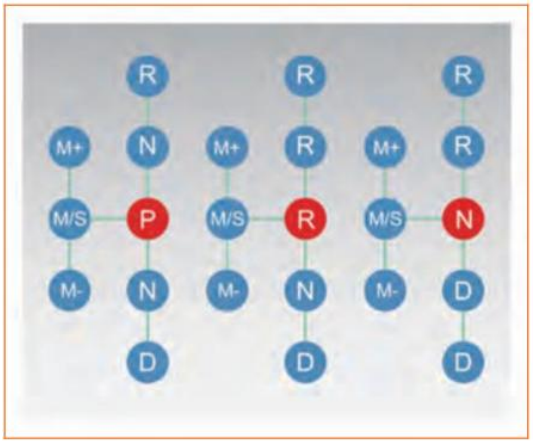
The R gear can only be engaged when the vehicle is started. Please reverse using this gear. Be sure to stop the vehicle completely before shifting to the R gear.

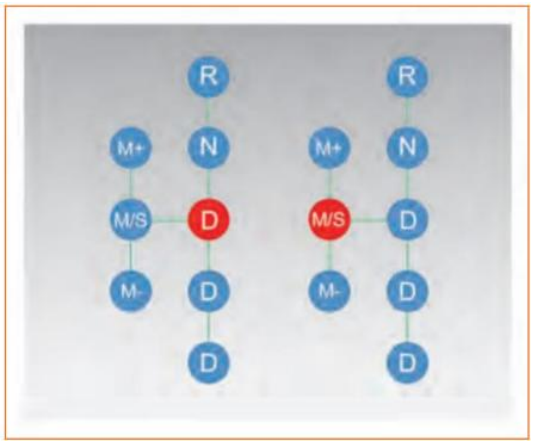
N gear（Neutral gear）

The Start switch can be used to set the gear at N position or shift to N position when the vehicle is started. When the vehicle is in this gear position, the transmission cannot output power. In this gear, the vehicle is ready to be driven.

Operation methods

The electronic gear shifter features a dual-stable design with three gears and five positions. The shift lever will return to the middle position after each gearshift. The gears are arranged from front to rear in the order of R-N-D. Pull the gearshift lever leftward from D position to enter Sport mode, and then pull the gearshift handball forward to enter M+ mode and pull it backward to enter M- mode. The M/S mode can be activated only when the vehicle is in D gear. When the vehicle is started, the detailed gear shifting sequence is as shown in the figure below. The middle position is the actual gear of the current vehicle.





Description of gear shifting conditions

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

2. To disengage from P gear, press the unlock button and depress the brake pedal at the same time.

3. To shift to R gear, press the unlock button and depress the brake pedal at the same time.

4. When the gearshift lever is in P, R or N position and the M/S/M+/M- gear request is made, the vehicle will not respond and keep at the original gear.

5. There are no restrictions on left or right switching between D gear and M/S mode.

6. When the vehicle speed is greater than 3 km/h, it is impossible to directly switch between R gear and D gear.

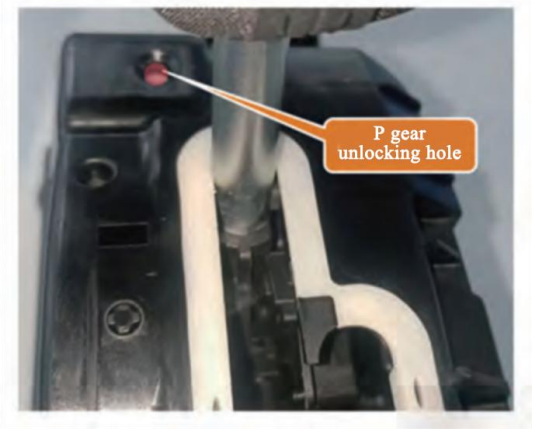
Driving mode switch

The driving mode can be switched to by moving the gearshift knob leftwards when the vehicle is in D gear. When the vehicle starts/the Start switch is at ACC/ON position, it defaults to Normal mode. When the vehicle is in D gear, move the gearshift knob leftward to M/S position, and the vehicle enters Sport mode; then move the knob forward or backward to M+/M− position, and the vehicle enters Manual mode and executes corresponding manual shift up/down request; When the knob is moved back to D position on the right, the vehicle exits Sport mode or Manual mode correspondingly. When the vehicle is in P/R/N gear, move the gearshift knob to the left M/S position for Sport mode /M/M+/M- gear request. The vehicle will not respond and keep the original gear.

Handling of P gear lock failure

1. Use a straight screwdriver or other tools to remove the shift panel and shift trim strip of the transmission gearshift control mechanism from the auxiliary instrument panel.

2. Insert a straight screwdriver or other tool into the releasing hole of P gear, press it until it cannot move any more, and manually unlock the P gear lock.



Caution

If the P gear lock fails, contact an authorized service station of Dongfeng Forthing even if the P gear lock is successfully unlocked.

Manual Transmission

Type I

Type II

The manual transmission includes a reverse gear protection lock to prevent shifting directly from the top gear (sixth or fifth gear) to reverse.

When the upshift or downshift is required, be sure to depress the clutch pedal to the floor. After shifting gears, slowly release the clutch pedal. Don't put your foot on the clutch pedal when not shifting gears, as it may accelerate the wear of the clutch.

Only when the vehicle is parked steadily can you shift to reverse gear. It is advisable to fully depress the clutch pedal and wait for a few seconds before engaging the reverse gear to ensure smooth gearshift. Shifting to reverse gear while the vehicle is in motion can cause damage to the transmission.

During deceleration, additional braking force can be obtained from the engine by downshifting. This additional braking force helps to maintain a safe speed and reduce the load of the brake when the vehicle goes downhill, so as to prevent overheating of the brake.

Caution

Avoid allowing the engine's tachometer to reach the red zone when using the engine for braking, as this may cause engine damage.

Warning

Driving on slippery surfaces can lead to loss of vehicle control during rapid acceleration or sudden deceleration. In the event of a collision, serious injury may occur. Extra caution should be exercised when driving on slippery roads.

Recommended gearshift points

Within a specific speed range, using the appropriate shifting points can ensure the engine operates smoothly and accelerates effectively. This approach not only minimizes fuel consumption but also effectively controls exhaust emissions.

For six-gear vehicles, we recommend the following gearshift points:

Gear Range	Vehicle speed (Km/h)
Gear 1 to Gear 2	15-20
Gear 2 to Gear 3	30-35
Gear 3 to Gear 4	45-50
Gear 4 to Gear 5	60-65
Gear 5 to Gear 6	70-80

Caution

- If the gear is set improperly or not switched in time (mainly manifested as driving at low speed and high gear), after the engine RPM is forced to drop below 600 rpm, the operation of the engine will be extremely unstable, with shaking or even flameout. Continuous operation of the engine under these conditions may cause damage to its transmission components and reduce engine service life. Additionally, if the brake pedal is continuously pressed at this time, there may be insufficient vacuum output from the engine, leading to dangerous situations such as the brake pedal becoming heavy and hard to press. When the engine speed is lower than 600 rpm, timely step on the clutch, engage the neutral gear or depress the accelerator pedal to accelerate. Try to avoid long-time running of the engine in this status
- When using the A/C, if the vehicle speed is below 20 km/h, the gear should be set to lower

than Gear 3.

Add Fuel

Fuel filler cap release handle

Pull the fuel filler cap release handle under the left instrument panel to open the fuel filler cap.

Filling of fuel

Rotate the fuel filler cap counterclockwise, slowly open it and insert the fuel nozzle. When the fuel nozzle can be stably hung on the filler, start adding fuel. After refueling, rotate the fuel filler cap clockwise until a "click" sound is heard, and then close the fuel filler cap.

△ Warning

After the fuel nozzle is automatically closed for the first time, refueling shall be stopped. A certain space is reserved in the fuel tank for fuel expansion when temperature changes. If you continue to refuel after the fuel nozzle is automatically closed for the first time, the fuel tank will be filled up. In a hot environment, fuel expansion will cause fuel leakage. In order to prevent fuel leakage, refueling shall be stopped after the fuel nozzle is automatically closed for the first time.

Vehicle Running-in

Notes

In the first 1000 km, pay special attention to the driving mode, which helps ensure the reliability of the vehicle and prolong its service life. Observe the following precautions in this stage:

1. Avoid operating the engine under full load; do not overload the vehicle.

2. Avoid depressing the brake pedal suddenly in the first 300 km.

3. Do not replace the engine oil before regular maintenance.

4. Do not tow the vehicle for the first 800 km.

5. Do not drive the vehicle at one speed for a long time, whether the speed is fast or slow.

6. Shift gears reasonably and avoid driving at low speed in high gear.

Maximum vehicle speed during running-in period

Vehicle running-in will play a vital role in the service life, safety and fuel efficiency of vehicle. During the running-in period, be sure to control the driving speed which shall not be too high. The following is the limit speed of each gear of the vehicle.

Gear	Maximum speed (km/h)
1th gear	20
2nd gear	40
3rd gear	60
4th gear	80
5th gear	100
6th gear	120
7th gear	120

After an overhaul of the vehicle, replacement of the engine or brake pads, the above speed recommendations should also be followed while driving.

Brake system

Brake assist (BA)

In the process of emergency braking, BA system will increase the driver's braking force and shorten the braking distance. Most drivers can brake in time under dangerous conditions, but the force to depress the brake pedal is insufficient. In this case, the maximum braking force is not generated, resulting in increased braking stroke. When the vehicle is running,

depressing the brake pedal quickly will activate the hydraulic assist braking system. At this time, BA will generate a brake pressure greater than that during normal braking, thus shortening the braking distance.

Electronic brakeforce distribution（EBD）

ABS is equipped with EBD electronic braking force distribution function. In order to have good braking performance under different load conditions, EBD system will automatically distribute the braking force between front and rear wheels.

Brake priority

The brake priority system can automatically switch the engine to idling status when detecting that the driver fails to apply braking, so as to avoid collision.

Anti-lock brake system（ABS）

Working principle

ABS controls the vehicle brake to prevent the wheels from being locked during emergency braking or braking on slippery roads. The brake fluid pressure is adjusted by detecting the speed of each wheel to prevent wheels from locking and sideslipping. During vehicle braking, the steering wheel can still be used for steering to avoid collision.

System self-inspection

The ABS has a built-in diagnostic function. When the engine is started and the vehicle moves forward or backward at low speed, the system will conduct a test. If a fault is detected, the diagnostic function will disable the ABS system and illuminate the ABS MIL on the instrument cluster.  . At this time, the braking system can still work normally, but the anti-lock braking assistance does not work. If the ABS MIL illuminates during self-inspection or while driving,  please contact an authorized service station of Dongfeng Forthing.

Normal work

The ABS activates automatically when the vehicle speed exceeds 5 km/h. When the ABS detects that one or more wheels are approaching the locked state, the actuator acts quickly to release and restore the braking fluid pressure. When the actuator is working, you may feel slight vibration of the brake pedal and hear vibrating sounds from the actuator under the engine hood. This is a normal phenomenon, indicating that the ABS system is functioning properly.

Caution

- ABS cannot shorten the time and distance required for parking.
- ABS cannot prevent the decrease of stability. When the brake pedal is suddenly depressed, steering should be moderate.

Electronic stability program (ESP)

The ESP system can improve the stability of driving the vehicle. When the computer detects that there is a deviation between the expected driving state and the actual body state, the ESP system will start to work. The ESP system will selectively apply brake pressure on the vehicle brakes to improve the driving stability of the vehicle.

ESP switch (type I)

ESP switch (type II)

Press the ESP switch to restart the system. When the ESP system is enabled, the indicator OFF on the instrument cluster will go out.

Press the ESP switch again, and then the ESP system will be disabled and the indicator

on the instrument cluster will illuminate.

Vacuum booster braking

The vacuum booster is suitable for engine vacuum assisted braking. If the engine stops and the vacuum is depleted in the vacuum chamber of the booster, the auxiliary braking ability will be lost. You will need to depress the brake pedal hard to bring the vehicle to a stop, and the braking distance will also increase.

Application of brakes

Do not rest your foot on the brake pedal when driving. Otherwise, the brake will be overheated, accelerating the wear of brake disc and brake pad, and increasing fuel consumption.

When driving down a long slope, reduce speed and shift to a lower gear. Try to avoid frequent braking, so as not to overheat the brake, reduce the braking performance and cause the vehicle out of control.

When driving on a smooth pavement, be careful about braking, accelerating or downshifting. Sudden braking or acceleration will cause wheel slipping, leading to accidents.

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

Driving Uphill

Apply the parking brake to stop the vehicle. When you are about to start, slowly release the parking brake while depressing the accelerator pedal and releasing the clutch pedal.

Hill hold control（HHC）

When the vehicle starts on a steep or smooth slope and the driver switches from the brake pedal to the accelerator pedal, the vehicle may slide backward, resulting in difficulty in starting. To prevent this from happening, Hill Hold Control will temporarily (up to about 2s) apply brake force on four wheels to prevent the vehicle from sliding backward.

△ Warning

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

The HHC system will work automatically under the following conditions:

1. The gear is shifted to D or R position and the vehicle goes uphill.

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

The HHC system will not work under the following conditions:

1. The automatic transmission is shifted to N (neutral) or P (parking) gear, or the vehicle is on a level road.

2. The ESP system MIL  on the instrument cluster illuminates.

Hill descent control (HDC) system*

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

Type I

Type II

Press the HDC switch, and the hill descent control indicator  on the instrument cluster will light up, indicating that the hill descent control function is activated. When the HDC switch is pressed again or the vehicle

speed exceeds 60 km/h, the hill descent control indicator goes out and the hill descent control system is turned off.

Hill descent control system braking

When the vehicle goes downhill with the HDC system on, the HDC system will automatically brake to keep the speed within 8 km/h ~ 35 km/h. The driver can depress the accelerator or brake pedal to adjust the downhill speed to be maintained by using the HDC function within this speed range.

When the hill descent control function is activated for active braking, the hill descent control indicator on the instrument cluster will flash and the vehicle brake light will illuminate. At the same time, the vehicle brake will make a sound, which is normal.

△ Warning

- Before using the hill descent control function, the driver needs to confirm that the system is activated.
- The HDC function only controls the downhill speed of the vehicle by actively operating the brake pedal. The driver should always pay attention to controlling the vehicle to ensure driving safety.

Brake booster

When the force applied to the brake pedal exceeds a certain threshold, the brake assist will activate. At this point, even a gentle press on the brake pedal will generate a braking force greater than that of the vacuum booster, facilitating easier driving of the vehicle.

Parking

Electrical parking brake (EPB)

Type I

Type II

The driver can use EPB to park the vehicle reliably. The EPB can be applied and released manually or automatically.

EPB manual parking and releasing

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

Manual release: Depress the brake pedal and press the EPB switch at the same time. The electronic parking brake is released, and the parking indicator will go out.

EPB automatic parking and releasing

Automatic parking: After the vehicle comes to a standstill and the engine is shut down, the system automatically activates the EPB, and the parking indicator will light up.

Automatic release: When the vehicle is started uphill or due to a traffic jam, depressing the accelerator pedal can automatically release the EPB and the parking indicator will go out.

Manual transmission: Fully depress the clutch pedal, engage forward gear or reverse gear, depress the accelerator pedal and release the clutch pedal to automatically release the parking brake.

Automatic transmission: Engage gear D or R, and depress the accelerator pedal to automatically release the parking brake.

Emergency brake function

This function is used when the foot brake pedal fails or is blocked. Keep pulling up the EPB switch to apply the parking brake in case of emergency. As soon as the EPB switch is released or the accelerator pedal is depressed

for acceleration, the emergency braking can be exited.

△ Warning

- Avoid using the emergency brake function as much as possible, and use it only in an emergency when the brake pedal fails or is blocked.
- When the emergency brake function is activated, it can provide the same maximum braking force as the brake pedal. On roads with large bends, poor road conditions or in winter, the maximum braking force may cause drift and sideslip of the vehicle.

Automatic hold function (AUTO HOLD)

Type I

Type II

The AUTO HOLD function can help the driver to start more comfortably on a slope. This function can be turned on or off by pressing the AUTO HOLD switch. After the AUTO HOLD function is turned on, if the driver releases the brake pedal when starting on a hill, the system will continue to keep braking, so that the driver has enough time to depress the accelerator pedal to start and reduce the impact of slipping.

Preconditions for AUTO HOLD function to keep the vehicle parked:

1. Engine start
2. The driver has fastened the seat belt.
3. The driver door is closed.

When the vehicle is parked, if any precondition of AUTO HOLD function is changed, the EPB will automatically hold to ensure parking safety. The AUTO HOLD function is automatically deactivated, and the function indicator goes out.

Turn on AUTO HOLD function

- Press the AUT HOLD switch on the center console, and the function indicator lights up.
- When the engine is running, if the vehicle keeps stationary for a long time, such as on a slope, at red light or when driving and stopping frequently, AUTO HOLD function provides support to the driver and takes over the parking task of the vehicle. After the driver depresses the brake pedal to stop the vehicle, the green indicator (P) in the instrument cluster will illuminate and the driver can release the brake pedal.
- When starting, no matter on flat road or uphill and downhill, it is necessary to depress the accelerator pedal for automatic parking release; otherwise, the vehicle may not be able to start, and manual transmission may even cause engine flameout.

Turn off AUTO HOLD function

- Press the AUTO HOLD switch in the console, and the function indicator will go out. The green indicator of the instrument cluster turns red.
- If the driver's door is opened, the driver's seat belt is released or the engine is shut down, EPB will hold the vehicle automatically and the AUTO HOLD function will be deactivated to ensure parking safety.

Traction control system (TCS)

The function of traction control system (TCS) is to reduce wheel slip in their rotation direction by controlling the engine and properly braking the driving wheels during driving.

When the drive wheels of the vehicle start to slip, the ESP actively manages the engine's power output torque (the vehicle does not respond to the driver's request for power torque when the accelerator pedal is depressed). This

reduces the drive wheels' output torque, allowing them to regain stability and stop slipping. At this time, the ESP indicator on the instrument cluster flashes, indicating that the ESP system is working normally. It feels like the vehicle has lost power, which is a normal phenomenon.

Electronic stability control (ESC)

When the vehicle makes a turn, ESC computer detects the steering angle input by the vehicle and the actual steering angle generated by the vehicle. In case of understeer (although the steering input increases, the vehicle tends not to follow the steering path) or oversteer (the vehicle sideslips, and the actual steering angle is greater than the input steering angle), ESC will actively brake the corresponding wheel of the vehicle so that the vehicle turns in the direction in which the driver turns the steering wheel. At this time, the ESC indicator on the instrument cluster flashes. You will hear operating noise or vibration of the ESC system and feel that the vehicle brakes actively. This is a normal phenomenon, indicating that the ESC system is working normally.

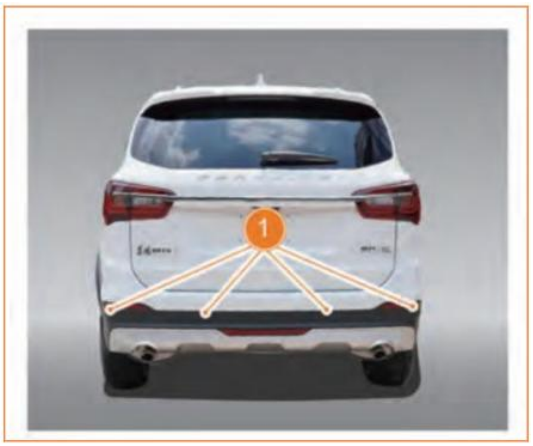
Parking assist system*

Function description

The reversing radar detects the surroundings of the vehicle and gives warning when the vehicle approaches an obstacle to assist the driver in avoiding collision.

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

Type I: 4 rear reversing radar sensors are provided.



Type II: Equipped with 6 parking radar sensors in the front and 6 reversing radar sensors in the rear.

1. Front parking radar sensor

2. Rear reverse radar sensor

When the parking assist system is started, it will automatically check whether its function is normal. If the system is normal, it emits a single beep lasting 0.5 seconds. If the system buzzes once for 3 s, it indicates that the system is faulty. Please contact an authorized service station of Dongfeng Forthing.

Detection range

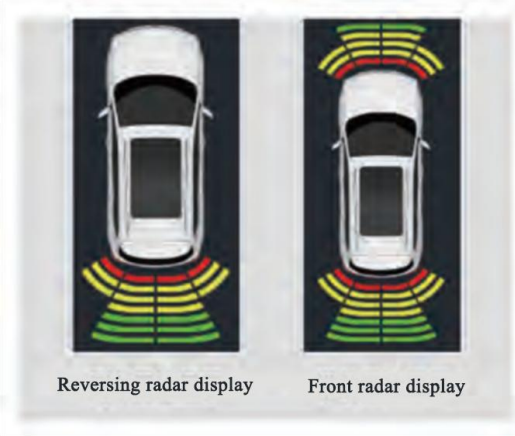
Sensor position	Maximum detection distance
Both rear sides	60±10cm
Rear middle	150±10cm
Both front sides	60±10cm
Front middle	120±10cm

Alarm type

The parking assist system sends out intermittent alarm sound or long alarm sound on instrument cluster according to the distance between the radar sensor and the obstacle. The shorter the distance is, the shorter the interval time of alarm sound will be.

The multimedia display screen will show corresponding color according to the obstacle

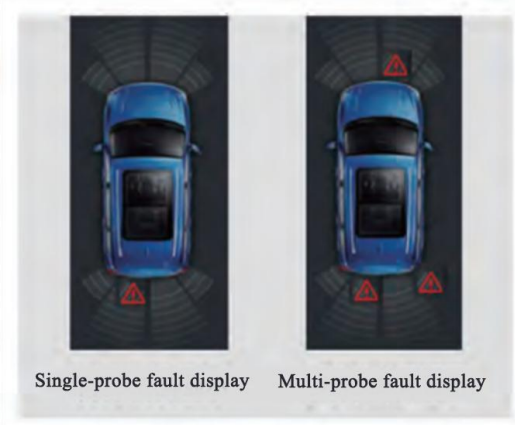
distance information, as shown in the figure below:



The specific correspondence is as follows:

Obstacle Distance	Instrument cluster alarm sound	Audio alarm display
0-40cm	Long beep	Red
41-100cm	4 Hz rapid intermittent tone	Yellow
101-150cm	2 Hz intermittent tone	Green

If a single probe or multiple probes fail, the corresponding probe will display . As shown in the following figure, other sensors can still give alarms normally, but the system is no longer reliable at this time. Please contact an authorized service station of Dongfeng Forthing in time.



Turning on/off method of reversing radar

When the gearshift lever is shifted to R (reverse gear), the reversing radar will be activated automatically, and the system will be enabled automatically after disengaging from R gear (reverse gear).

How the front parking radar works *

The front parking radar can only be activated when the vehicle speed is less than 20 km/h.

Activation and deactivation

Front parking radar on

With the Start switch at "ON" position, the front parking sensor function can be activated by the following operations:

1. Press the front parking sensor switch, and the vehicle speed is always lower than 20 km/h.

2. If the vehicle speed is higher than 20 km/h, the front parking radar function can be activated again only when the vehicle speed is reduced to 10 km/h.

Front parking radar off

When the Start switch is at ″ON″ position, the front parking sensor function defaults to be on initially. The front parking radar function can be disabled by the following operations:

1. Press the front parking sensor switch.

2. The vehicle speed exceeds 20 km/h.

Caution

- Due to the characteristics of objects, such as their position, angle, size, material, or the presence of complex backgrounds, the system may not operate or function abnormally.
- The radar detection distance may vary from actual measurements and is for reference only. Please do not rely on it as the sole basis for reversing.
- When one or more sensors are faulty, the system's detection display distance is no longer reliable. The driver is responsible for continuously monitoring the environment during driving and taking timely maintenance actions. The manufacturer is not liable for any accidents that occur due to the driver's negligence.

Caution

The following locations or obstacles may cause detection failures or poor detection performance:

a) Wire mesh, steel ropes and other objects.
b) Driving in grass or on rough roads.
c) Cotton or acoustic material.
d) Foreign matters are attached to the sensor surface.
e) Ultrasonic noise, metal sound and high-voltage gas emission sound at the same frequency.
f) The non-standard wireless communication devices installed in the vehicle may also affect the function of this system during use.

△ Warning

- The parking assist system is only used as an auxiliary warning for obstacles in front of and behind the vehicle during parking and reversing, and cannot replace the driver's observation of the surrounding environment.
- The parking assist system does not display images of the area behind the vehicle and has blind spots. Therefore, do not rely on it as the sole measure for reversing safety. The driver is responsible for driving safety.

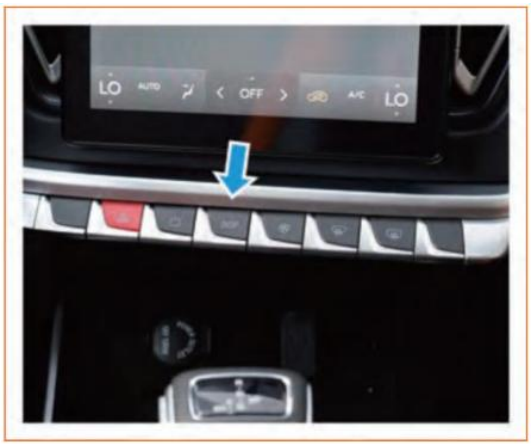
Reversing Image*

Function description

The rearview camera provides a real-time display of the area behind the vehicle to assist the driver in reversing safely.

Reversing image on

Prerequisites for activating the reversing image: Turn the Start switch to \"ON\" position.



Turning on/off method of reversing image:

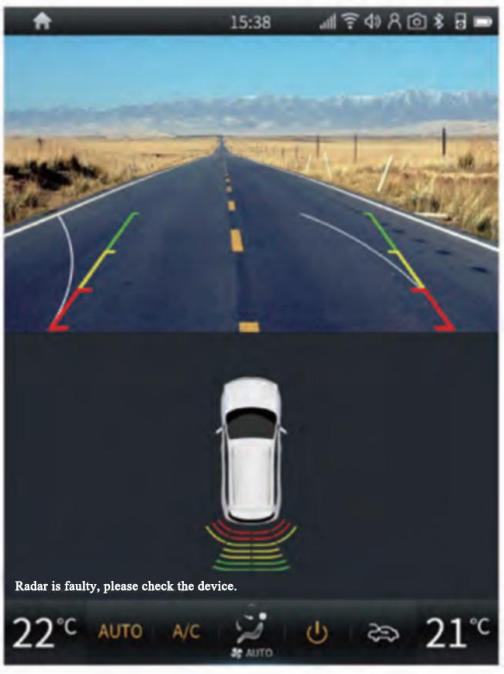
- Press the "DISP" button on the audio control panel to manually enable the reversing image, and press the button again to disable the reversing image.
- When the R gear is engaged, the reversing image will be turned on automatically; when the R gear is disengaged, the system will be turned off automatically.

Position of the reversing camera

1. Position of the reversing camera

The reversing camera is located above the rear license plate. The working range of the camera is very limited and it cannot capture objects near the corner or under the bumper. The displayed image may vary due to vehicle direction or road condition, and the distances shown on the screen may differ from the actual distances.

Spoke lines



Explanation of spoke line:

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

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

Green: It indicates the distance of about 3 m behind the vehicle.

Spoke lines width: Represents the Vehicle Width +20 cm.\n

The dynamic guide lines can assist the driver in judging the reversing trajectory, which will be activated only after the steering wheel is turned by a certain angle.

Caution

- The reversing camera cannot substitute for the driver's vision. Avoid relying solely on the reversing camera for backing up.
- There are certain blind spots in the reversing camera, so exercise extra caution while reversing.
- Caution the safety of the surroundings when reversing, especially watching out for children and animals.
- A dirty camera will affect system functionality. Please clean it up in time.
- Adverse weather conditions such as haze, heavy rain, and darkness can affect reversing.

Panoramic view *

By installing 4 wide-angle cameras around the vehicle that can cover all sight ranges around, multi-channel video images collected at the same time are processed into a 360° top view of the vehicle body around the vehicle and finally displayed on the multimedia display screen. It enables the driver to monitor the front, rear, left and right video pictures outside the vehicle in real time to avoid accidents.

Caution

The camera has functions similar to those of the human eye, and has a limited ability to capture objects in conditions such as dusk, night, dawn, snow, rain, and fog. This product is mainly used for driving assistance, and the driver is always responsible for keeping a distance from any obstacle.

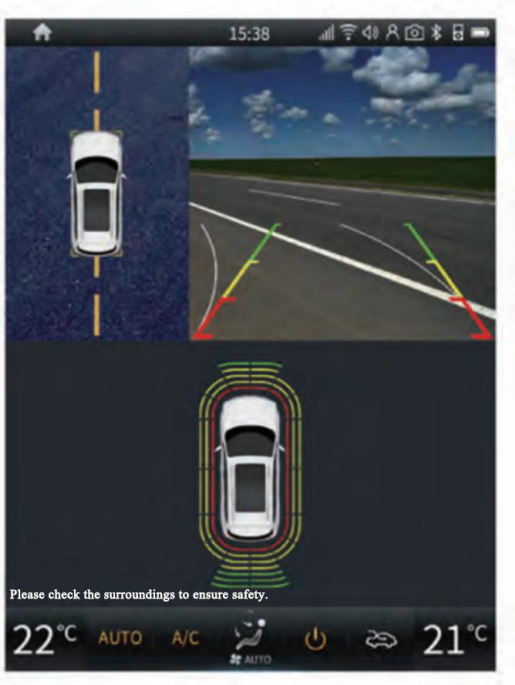
Panoramic view ON

Preconditions for panoramic view monitor turning on:

With the Start switch at ON position, the rear view camera can be activated when the vehicle speed is less than or equal to 15 km/h and automatically deactivated when the vehicle speed is greater than 20 km/h.

Opening mode of panoramic view monitor:

- Press DISP button on the audio control panel to enable or disable the panoramic view.
- When the R gear is engaged, the panoramic view will be turned on automatically.



Caution

Activation priority: R gear > DISP button. When the high-priority condition is triggered, the corresponding screen will switch automatically.

Setting of panoramic view monitor function

The user can set the functions of panoramic view monitor system through the setting options (Vehicle → Driving Assist → Panoramic Parking) of audio system.

Description of panoramic view monitor system function

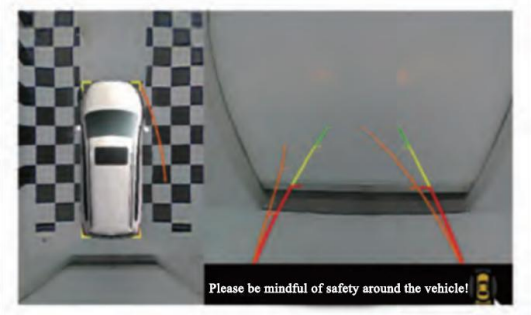
panoramic view monitor

When pressing the DISP button or shifting to R gear, you will enter this view. Under this view:

1. The user can tap the area around the vehicle model to switch the images of four cameras.

2. The user can switch to the wide-angle image of corresponding camera by tapping on the single channel view area on the right.

Spoke lines



The function and warning distance of panoramic view static spoke line and dynamic spoke line are consistent with those of reversing image, and the width of spoke line is the width of vehicle body.

△ Warning

The spoke lines are for reference only. Please refer to the actual environment.

Semi-automatic parking system *

The semi-automatic parking assist system utilizes 6 parking radar sensors in the front bumper and 6 reversing radar sensors in the rear bumper to monitor conditions around the vehicle and assists in parking. The semi-automatic parking system plans the route for the driver to park. Once a parking space is located, the driver no longer needs to control the steering wheel but must continuously observe the surrounding environment, shift gears, and depress the brake pedal according to the prompts on the audio multimedia display screen. The semi-automatic parking system can realize horizontal parking-in, vertical parking-in and horizontal parking-out.

When the semi-automatic parking system is activated, it automatically checks whether its functions are operating normally. If the system is normal, it emits a single beep lasting 0.5s. If the system buzzes once for 3 s, it indicates that the system is faulty. Please contact an authorized service station of Dongfeng Forthing.

ON

- When the vehicle is in D gear and the speed is less than 30 km/h, and there are no faults in its own systems and surrounding systems, press the semi-auto parking hardware switch beside the gearshift lever to activate the parking function;
- When the vehicle is in P gear and there are no faults in its own systems and surrounding systems, press the semi-auto parking hardware switch beside the gearshift lever to activate the parking-out function.

OFF

- When the hardware switch is pressed continuously for three times, the semi-automatic parking function will be disabled;
- When the vehicle speed is greater than 30 km/h during searching for a parking space, the semi-automatic parking function will be

deactivated after a period of time;

• During parking, if the driver intervenes in steering wheel, semi-automatic parking function will be deactivated.

△ Warning

- The semi-automatic parking assist system is merely an auxiliary tool. By scanning the parking space with radar, it can identify areas that are unsuitable for parking , such as no-parking zones and lanes.
- Do not fully rely on the semi-auto parking assist system. This system only assists parking and you still need to carefully observe the surrounding environment. Over-reliance could lead to injury for yourself and others. When parking and moving a vehicle, you should always pay attention to the surrounding environment and be responsible for the safety of the vehicle

Detectable parking scenarios:

1. Parallel to direction of vehicle travel.

2. The width of vertical parking space shall be at least: vehicle width +1m

3. The length of horizontal parking space shall be at least: vehicle length +1m

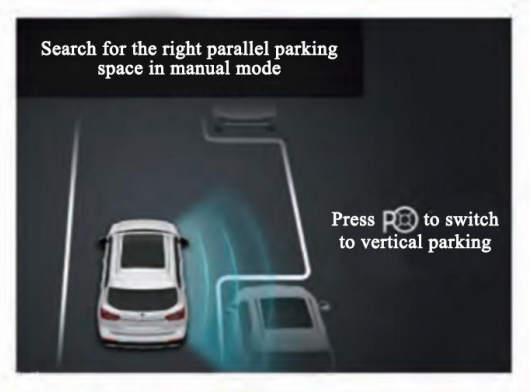
Caution

- The physical detection performance of ultrasonic radar may result in some error in the detected size of parking spaces. There is also a possibility that the parking space may be detected, but parking could fail if the space size is within the range of the vehicle width +0.8 m or the vehicle length +0.8 m.
- The semi-automatic parking assist system can detect and park in a space with one or two valid obstacles, whether square or round, with a minimum length or diameter of 0.7 m. Scenarios where the width or diameter of an obstacle is less than 0.7 m are not applicable for automatic parking.

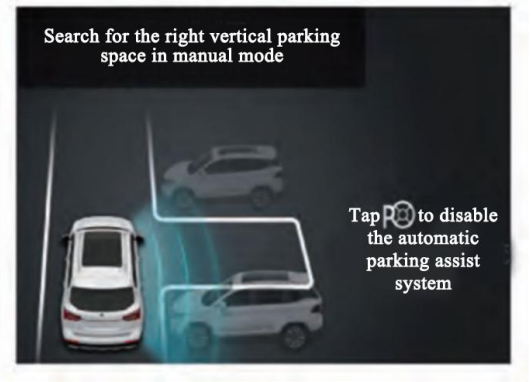
When the vehicle passes through a parking area, if the semi-auto parking system successfully detects this area, the parking space will be displayed on the audio multimedia display screen until you find the next parking space after leaving this parking space or you are about 15m away from this parking space.

Parking-in process

1. When the vehicle is in D gear and the speed is below 30 km/h, press the semi-auto parking hardware switch , and then the system will search for a suitable right parallel parking space in manual mode. To locate a left parallel parking space, turn on the left turn signal.



2. Press the hardware switch again, and the system will skip to the manual mode to search for right vertical parking space; turn on the left turn signal to switch to search for left parking space.



3. If the semi-automatic parking hardware switch is pressed again at this time, the semi-automatic parking function will be deactivated.

4. Once a parking space is successfully detected by the semi-auto parking system, a prompt image indicating the found parking space will appear on the multimedia display screen, accompanied by a prompt tone from the instrument cluster.

5. After seeing this prompt, if the driver wants to park in the parking space, he/she needs to depress the brake pedal and then engage the R gear and release the steering wheel.

Caution

During parking, the driver must always observe the surroundings of the vehicle and operate according to the prompt on the multimedia display screen. The driver does not need to control the steering wheel, but only needs to depress the brake pedal and shift gears according to the prompt. If there is a slope during parking and the vehicle cannot move, do not use the semi-auto parking function at this time; otherwise, there will be a risk of scratching the vehicle due to sudden acceleration.

Horizontal parking-out procedure

1. When the vehicle is in P gear, press the semi-auto parking hardware switch, then the system will activate the function of parking-out, and the multimedia display screen displays the following prompt:

2. Turn on the turn signal to select the parking-out direction. After selection, engage the R gear and release the steering wheel. The semi-auto parking system will then initiate the horizontal parking-out function.

3. In the process of parking-out, it is necessary to follow the prompt on the multimedia display screen to depress the brake pedal and shift gears. The driver must always observe the surrounding conditions of the vehicle.

4. After parking out of the parking space, the driver shall control the steering wheel in time.

Semi-auto parking fault alarm

- The automated parking system is not available.
- The automatic parking system has an internal fault.
- The automatic parking system has an external fault.

△ Warning

- On narrow roads, drive as close to the parking area as possible
- Parking areas that are cluttered, overgrown or partially occupied by trailer tow bars may not be easily identified correctly
- Snow or heavy rain may make it impossible to accurately measure the parking area
- During parking, please observe the surroundings of the vehicle and the warning information of the semi-auto parking system.
- When the load to be transported is higher than the vehicle, do not use the semi-auto parking system.
- Do not use the semi-automatic parking system when the vehicle is equipped with tire chains or emergency spare tires.
- After parking, the position of the vehicle in the parking area depends on various factors, including the positions and shapes of vehicles parked before and after this vehicle and conditions around the parking position. In some cases, the semi-automatic parking system may guide the vehicle to a position too far away or not far enough in the parking area. Sometimes, it may also cause you to drive across or press on the curb. If necessary, please turn off the semi-auto parking system.

Cruise control system

Function enabled

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

Type I

Type II

1. CAN: ACC suspension button
2. Cruise control button
3. SET-: vehicle speed setting/deceleration button
4. RES+: cruise resume/acceleration button

Introduction to buttons

1. CAN: ACC suspension button

When this button is pressed, the vehicle will suspend its cruise mode. At this moment, press \"RES+\" to enter the cruise mode again.

2. Cruise control button

Press this button to turn on or off the cruise control system.

3. SET-: vehicle speed setting/deceleration button

Push the adjustment button downward to set the vehicle speed or deceleration.

4. RES+: cruise resume/acceleration button

Pull the adjustment button upward to restore to the originally set speed or accelerate.

Caution

When the vehicle moves up or down a slope, the cruise control cannot maintain the pre-set speed. When the vehicle speed increases while going downhill, the brakes can be applied to reduce speed, which will suspend the cruise control function. Press the "RES+" button to restore the originally set speed.

Enabling conditions of cruise control

1. Press the button .
2. The vehicle speed is between 40 and 185 km/h.
3. Press the "SET-" button.
4. Depress the brake pedal
5. The clutch pedal is not depressed.
6. The minimum gear is 3rd gear, and the automatic gear is D.
7. The system is not subjected to any failures.

Suspension conditions for ACC

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

1. Gently press the brake pedal or clutch pedal.
2. Shift to P, N or R gear.
3. Press the "CAN" button.
4. The button is pressed again.
5. The system is subjected to some failures.

The cruise mode is only suspended in methods 1, 2, and 3, and can be resumed by pressing "RES+" button when conditions are met. Cruise mode will exit completely in methods 4 and 5.

Restore cruise control function

When the cruise control function is suspended, restore it by first increasing the vehicle speed above 40 km/h, then pressing the "RES+" button again to re-enter cruising mode. The vehicle will resume at the previously set cruising speed.

When the button is pressed to disable the cruise function, the cruise control system will be deactivated completely and the previous cruising speed will be canceled.

Change the set vehicle speed

Any one of the following methods can be

used to change the pre-set cruise speed:

1. Operate the RES+ or SET- button to increase/decrease the vehicle speed.

2. Depress the accelerator pedal; when the vehicle speed is increased to the desired value, release the pedal and press the "RES+" button.

3. Depress the brake pedal, release the pedal when the vehicle speed is reduced to the desired state, and press the "SET-" button.

Caution

Even if the cruise control function is activated, the accelerator pedal can still be used to accelerate and overtake. After overtaking, remove the foot from the accelerator pedal. If the cruise conditions are still met, the vehicle will return to the preset cruising speed.

Adaptive cruise control system (ACC system) *

With the adaptive cruise control system (hereinafter referred to as ACC system), the vehicle can run at any speed within the range of 30~120 km/h. Depending on whether there is a vehicle ahead, the system can also automatically switch between speed control and following distance control.

Critical factors to note

During driving, the ACC system is restricted by system conditions. In some cases, the driver needs to actively control the vehicle speed and the distance between the vehicle and other vehicles. When necessary, the system will remind the driver to take over the vehicle through an audible and visual alarm. See "Driver Takeover Required" and "Functional Limits" for details.

△ Warning

- The ACC system is a comfort feature. Therefore, during its *activation,* the driver must always observe road conditions, continuously monitor the vehicle, and assume full responsibility for safe driving.
- The ACC system is suitable for expressways and roads in good condition, but not for urban or mountainous roads.
- For the sake of safety, please use ACC system carefully, pay close attention to the surrounding environment and be ready to take over the vehicle at any time when driving in urban areas, under traffic congestion or on winding roads.
- Do not use the ACC system on hill roads, slippery roads (prone to hydroplaning), poor road conditions (such as slippery roads, waterlogged roads, gravel roads and roads under construction), severe weather with low visibility (foggy, rainy or snowy days, etc.), or when sensors are blocked by dust, as there is a risk of accident.
- The ACC system can only adjust the distance from the vehicle running ahead. Generally, it cannot detect vehicles on other lanes or on other sides of the vehicle (except the rear), children, pedestrians, animals or other objects and apply the brakes.
- If there is an oncoming vehicle in the same lane, ACC system will not respond.
- The ACC system shall be temporarily turned off when the vehicle is running on a curved lane, an expressway exit or a road section under construction.
- ACC system can assist the driver but cannot replace the driver in driving. Even if the ACC system is activated, the driver must drive carefully, be ready to take over the vehicle at any time and obey the speed limit rules.
- The driver should set the cruise speed and following distance reasonably according to the current road, traffic and weather conditions. The set speed shall not be too high to avoid accidents.
- In some cases (excessive relative speed, sudden deceleration, parking, quick lane changing or small safety distance of the vehicle ahead), ACC system may have no time to decelerate to avoid collision with the vehicle ahead. The driver must remain attentive while driving and be prepared to take over the vehicle at all times.

△ Warning

- The ACC system cannot detect the objects protruding from the side, rear end or roof of the target vehicle. If the vehicle ahead is equipped with the above-mentioned special loads or special equipment, be sure to turn off the ACC system when overtaking such a vehicle. The driver shall actively apply the brake as appropriate.
- Towing a trailer during driving will compromise the dynamic characteristics of the ACC system.
- Do not habitually press the accelerator pedal. Depressing the accelerator pedal will prevent the system from applying the brakes automatically, which may result in a collision with the vehicle ahead.
- If ACC system has already stopped the vehicle and ACC system has been released, turned off, or canceled, the vehicle will no longer remain stationary and may move. When the vehicle is stopped by ACC system, be sure to prepare for manually applying brake.
- When the vehicle is stopped by ACC system, be sure to set the vehicle in P (parking) gear and turn off the Start switch before leaving the vehicle.
- If an accident occurs during the use of this function, the driver shall deactivate the current

system in time and take over the vehicle.

Caution

- For the sake of safety, turning off the Start switch will delete the stored speed.
- If the instrument cluster prompts "ACC system exits automatically" and the ACC system cannot be activated again, it indicates that the vehicle has an abnormal situation during this engine operation, and the engine needs to be restarted.
- The driver can depress the accelerator pedal at any time to increase the vehicle speed. After the accelerator pedal is released, this device will adjust the vehicle speed back to the previously saved speed.
- When TCS or ESC is activated, ACC may be automatically deactivated if the ACC is controlling vehicle speed.
- If TCS or ESC is off, ACC will not be activated.

Caution

- When the road conditions allow safe use of the ACC system, it can be manually restored and turned on.
- After replacement of the front-view camera and front windshield, four-wheel alignment, body and chassis modification or other operations that affect the camera position, the system needs to be recalibrated; otherwise, the system performance will be reduced or the system cannot work normally.
- In order not to affect the performance of the camera, the detecting part of the camera shall not be blocked by foreign matters (such as labels and additional parts).
- The camera sensor on the front windshield in front of the interior rearview mirror may be blocked by snow, ice, dust or mud. This area shall be cleaned for proper operation of the ACC system.
- The operation of the system may also be restricted in case of snow, heavy rain, heavy fog or accumulated water on the road.
- Structural tuning of the vehicle may deteriorate the ACC system functions.
- If the camera is not cleaned in time, ACC system function may be affected.

When the camera requires cleaning, the instrument cluster will display a prompt, as shown in the figure below:

Operation method of ACC system

When the ACC system is started, the ACC working indicator illuminates and turns green. At the same time, the display screen will show the saved cruising speed and ACC system state.

Conditions for turning on ACC system

1. Press the button to enable the ACC system.
2. The engine is running.
3. The gearshift lever is in D position.
4. The four doors, trunk lid and engine hood are all closed.
5. Brake pedal is not depressed.
6. The vehicle speed is lower than 30 km/h.
7. ESP is free of fault.
8. EPB is not pulled up.
9. The transmission is free of fault.
10. The engine is free of fault.

Button , and the instrument cluster shows that the ACC system is in standby state. When the standby mode of the ACC system is normal and the vehicle speed is greater than 30 km/h, push down the steering wheel button to SET- to start the ACC system. See "Driver Information" for the corresponding instrument cluster display.

ACC system exit conditions

1. Press the ACC button when the ACC system is enabled.
2. Press the CAN button when the ACC system is enabled.
3. The brake pedal is pressed.

Description of buttons

1. : ACC ON/OFF button

2. RES+: cruise resume/acceleration button

Restore the ACC system function and increase the cruising speed.

3. SET-: vehicle speed setting/deceleration button

Activate the ACC system function and reduce the cruising speed.

4. : Distance increase button

5. : Distance decrease button

6. Cruise pause button

Temporarily disable the ACC system function.

Button operations

1. : Press this button to *enable* or disable the system.

2. RES+:

• If the ACC system is in standby mode and a cruising speed is saved, pulling the button in this direction will activate the saved speed, allowing the ACC system to control the vehicle accordingly.

• If the ACC system is activated, pulling the button in this direction will increase the speed by 5 km/h. The new set speed will be stored in the system. If the set speed is not a multiple of 5, it will be rounded to the nearest multiple of 5. Press and hold the button to continuously increase the saved speed in increments of 10 km/h.

3. CAN: Press this button or depress the brake pedal to temporarily disable the ACC system function.

4. SET-: Pull the button once in this direction to save the current speed as cruising speed.

5. If the ACC system is activated, pulling the button in this direction will decrease the speed by 5 km/h. The new set speed will be stored in the system. If the set speed is not a multiple of 5, it will be rounded to the nearest multiple of 5. Press and hold the button to continuously decrease the saved speed in increments of 10 km/h.

6. Press to reduce the distance.

7. Press to increase the distance.

Memory function on and off

Cruising speed setting: When the ACC system is not disabled, the cruising speed set by the driver can be saved. After the ACC system is disabled, the cruising speed will not be saved and needs to be reset. When the ACC system is temporarily deactivated, press the RES+ button to readjust the saved speed.

Automatic following start and following stop

On a congested urban road section, ACC system can control the vehicle to follow the vehicle ahead to decelerate until it stops. If the vehicle ahead leaves within 3s, ACC system will control the vehicle to automatically follow. If the vehicle ahead stops for a long time, press RES+ button or gently depress the accelerator pedal to restart ACC system.

Caution

Please use the ACC system cautiously when driving on congested urban roads. If necessary, the driver should intervene and take over the vehicle.

Driver information

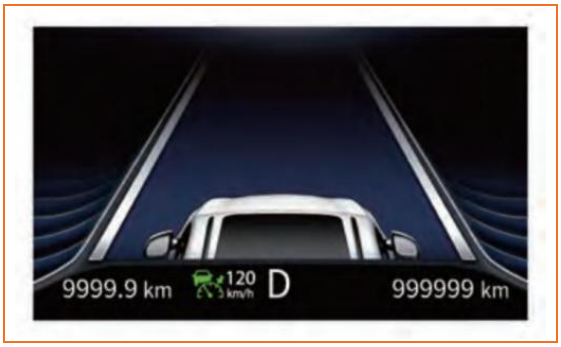
1. Schematic Diagram of Vehicle Following

2. Following distance

3. ACC system state and cruise speed

1. Schematic Diagram of Vehicle Following

Using the vehicle schematic diagram, you can determine whether the distance adjustment is currently aimed at the vehicle ahead.



If no vehicle ahead is detected, the main interface of the instrument cluster will not display the icon for the vehicle ahead.

If a vehicle ahead is detected, the main interface of the instrument cluster will display the icon for the vehicle ahead.

△ Warning

The vehicle ahead symbol is only displayed when a vehicle running in the same lane and direction is detected.

2. Following distance

The driver can identify the distance from the vehicle ahead based on the color and scale.

The following distance is set to short.

The following distance is set to medium.

The following distance is set to long.

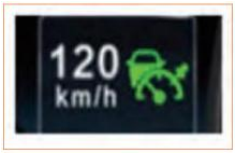
The following distance is set to ultra-long.

When the driver depresses the accelerator pedal beyond the preset value, the following distance is displayed in gray.

3. ACC system state and cruise speed

The driver can determine the current operating state of the ACC system and the cruise speed based on the symbol color and the

vehicle speed value.

Schematic diagram of display items	Description of display items
	State icon on the display interface remains white: the ACC system is enabled, but its operating conditions are not met.
	State icon on the display interface remains green: the ACC system is enabled and is functioning.
	Green flashing of the state icon on the display interface indicates that an external fault has caused the ACC system to exit; however, the current action will still be completed.
	No set speed on the display interface at present: If the set speed exceeds the limit range of cruising speed of the system, it will be considered as an invalid value.
	Current speed on the display interface: When the driver adjusts the vehicle speed, the currently set cruising speed will be displayed on the display interface according to the driver's operations.

4. Other prompts on the instrument cluster

Under some working conditions, text messages and symbols other than those mentioned above will appear on the display screen. The driver should pay close attention to them.

Schematic diagram of display items	Description of display items
	The ACC system cannot be activated if the working conditions are not met.
	The vehicle ahead starts, reminding the driver to restore ACC system.

△ Warning

If the instrument cluster display interface is inconsistent with the actual situation observed by the driver, the driver shall take over control and drive the vehicle according to the actual situation.

In the following cases, the ACC system may be deactivated automatically and the driver needs to apply the brake manually to reduce the vehicle speed:

1. The sensor is blocked.

2. The TCS or ESC system is activated or deactivated.

3. No vehicles or other objects are detected.

4. The system is subjected to some failures.

Driver required to take over the vehicle

The driver is required to take measures by himself/herself to adjust the driving mode, and be responsible for handling the situation.

As the ACC system can only provide 40% of the maximum braking force of the vehicle, under certain driving conditions, its deceleration capability is not enough to keep a sufficient distance from the vehicle ahead. In these emergencies, it is required to apply the brake in time as a driver.

If the driver needs to take measures by himself/herself, ACC system will give visual and audible instructions to the driver:

1. A red steering wheel mark will appear on the instrument cluster, as shown in the figure above.

2. A prompt stating "ACC system exits automatically, please take over the vehicle" will appear above the red steering wheel icon.

3. An acoustic signal (buzzer)

sounds.

Caution

- If a vehicle ahead suddenly brakes (emergency stop), the ACC system may fail to respond or react quickly enough, creating a risk of not braking in time. In this case, the driver will not receive a takeover request.
- If the instrument cluster reminds the driver to take over the vehicle, the driver must control the distance from the vehicle ahead.
- After the system requires the driver to take over the vehicle, if the vehicle continues to move, the driver must depress the brake pedal to apply braking force on the vehicle.

Caution

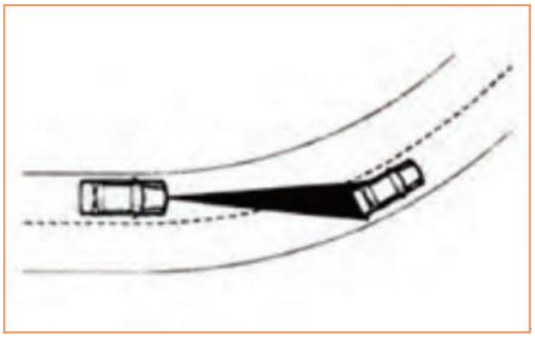
- If the vehicle speed exceeds the set value by depressing the accelerator pedal, the driver will not receive a takeover request.

When the vehicle is in a curve, the ACC system may not be able to detect vehicles ahead on the same lane and the driver may lose control of the vehicle or have an accident. Please pay close attention and be ready to take over at any time.

Caution

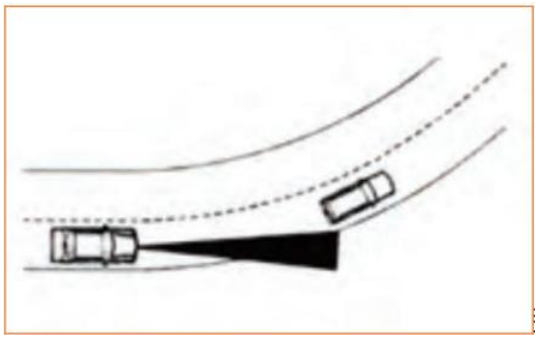
- In a curve, the ACC system may not be able to detect the vehicle ahead and accelerate to the set speed. When this happens, the symbol of the vehicle ahead will not be displayed on the instrument cluster.

1. Vehicle entering/exiting a curve



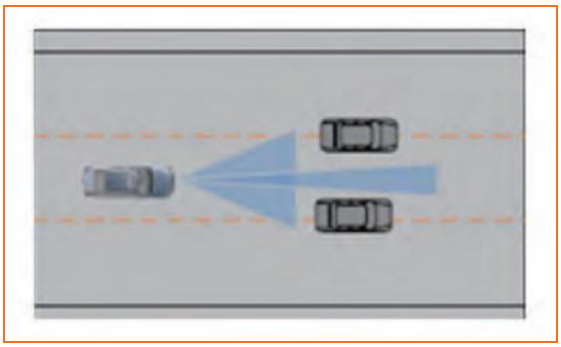
The ACC system cannot accurately determine the width of the lane ahead. When you feel the vehicle cannot pass normally, please immediately release the ACC system by depressing the brake pedal and control the vehicle by yourself.

2. Vehicle in curve



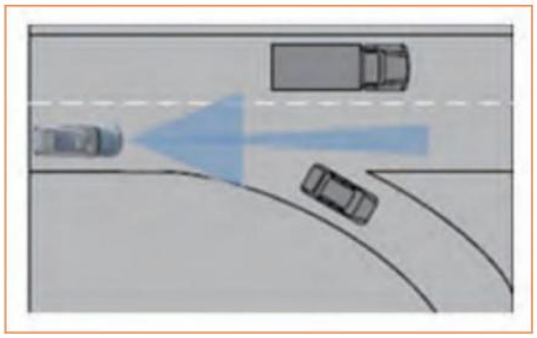
- When the followed target vehicle leaves the expressway or turns, the ACC system will lose the target and may accelerate automatically.
- For a vehicle traveling on an expressway ramp, the system may lose the target due to an excessive curve and will automatically accelerate.
- In view of the above situations, if you feel uncomfortable, you can release the ACC system at any time by depressing the brake pedal or pressing the cruise control lever.

3. Vehicle traveling in narrow lane



The ACC system cannot detect pedestrians. Once the driver finds that there is a pedestrian passing through in front of the vehicle, he/she must actively intervene the vehicle.

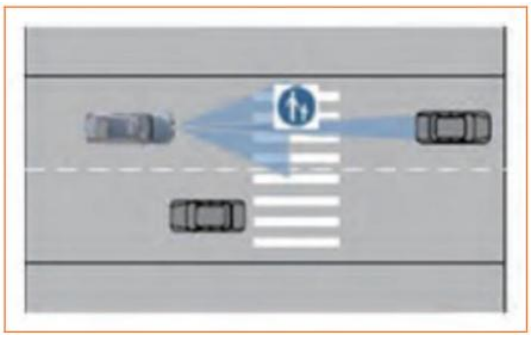
4. Vehicle traveling on the expressway ramp



The ACC system cannot guarantee the detection of all types of vehicles on the driving

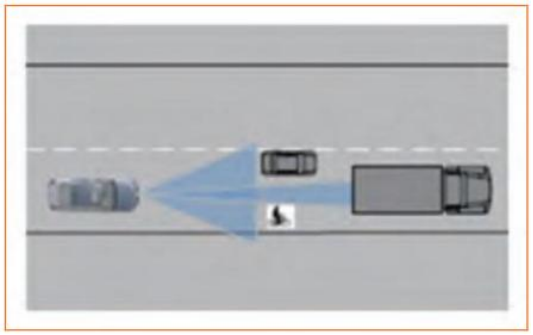
path, especially narrow vehicles such as electric vehicles, bicycles and motorcycles, or vehicles with high chassis and loads exceeding the body. The driver shall pay close attention to the surrounding environment of the vehicle when driving.

5. Pedestrian ahead of subject vehicle



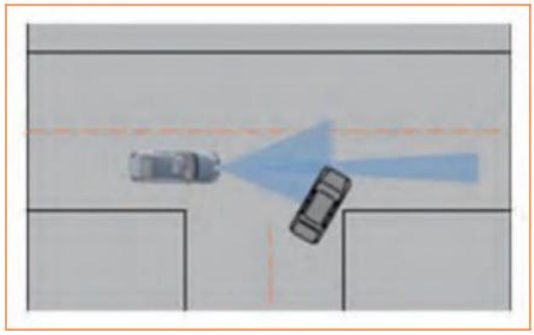
When another vehicle is suddenly cutting in laterally in front of the vehicle, ACC system may not be able to control the vehicle quickly or apply emergency braking. In this case, the driver shall pay attention to the traffic conditions ahead.

6. Vehicle difficult to identify (motorcycle, bicycle, etc.)



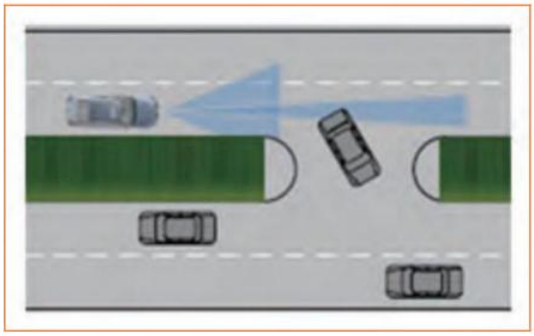
When the target vehicle followed by the subject vehicle makes a U-turn or right-angle turn, the sensor will lose the target and the system may accelerate automatically. The driver shall continuously pay attention to the surrounding environment and be ready to take over at any time.

7. Vehicle cutting in laterally



When the target vehicle followed by the subject vehicle passes through an intersection, the driver shall pay attention to the change of traffic lights and take over the vehicle when necessary to avoid violating traffic rules.

8. When the target vehicle makes a U-turn or right-angle turn

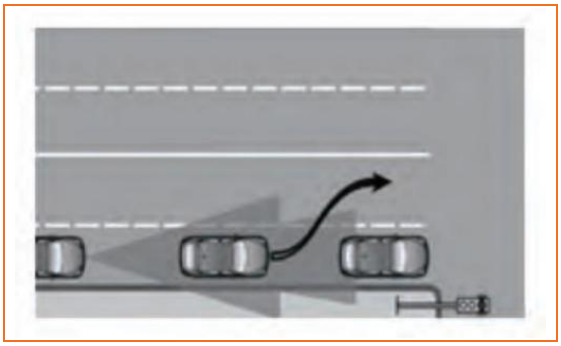


If the vehicle ahead, which is behind a stopped vehicle, suddenly changes to another lane, the system may not have enough time to brake and the driver shall take control of the vehicle if necessary.

9. Traffic light change at intersections

When the target vehicle followed by the subject vehicle passes through an intersection, the driver shall pay attention to the change of traffic lights and take over the vehicle when necessary to avoid violating traffic rules.

10. Stationary vehicles



If the vehicle ahead, which is behind a stopped vehicle, suddenly changes to another lane, the system may not have enough time to brake and the driver shall take control of the vehicle if necessary.

Blind spot detection system (BSD) *

The BSD system utilizes 6 parking radar sensors in the front bumper and 6 reversing radar sensors in the rear bumper to monitor conditions around the vehicle.

Self-checking function

When the Start switch is put to "ON" position, the BSD indicator Bn on the instrument Bn cluster illuminates in red, and the rearview mirror BSD indicator also illuminates.

If the BSD system is normal, the indicator on the instrument cluster will turn green and the left/right rearview mirror BSD indicator will flash for 1s before going out. If the system is abnormal, the indicator on the instrument cluster will turn red and display "BSD System Fault." The BSD indicators in the left/right rearview mirrors will flash for 6s before going out.

Function activation and deactivation

When the Start switch is put to "ON" position, the BSD function is activated by default. If the user disables SVA function through switch setting, the BSD system will be completely deactivated.

The BSD system can be disabled both in the activated and deactivated states (e.g., gear position, steering angle, vehicle speed conditions are not met). The BSD system determines the ON/OFF state of the function based on the switch setting and does not save the state after a power failure.

When the BSD system is activated, the speed range shall be about 30 km/h~120 km/h, and the steering angle shall change within ±100°. The system will not send a warning alarm to the driver beyond this speed or steering angle range.

BSD alarm

The BSD indicator is installed on the rearview mirror. If a vehicle is detected in the blind spot, the indicator will stay on.

If the BSD system is normal, the indicator on the instrument cluster will turn green and the left/right rearview mirror BSD indicator will flash for 1s before going out. If the system is abnormal, the indicator on the instrument cluster will turn red and display "BSD System Fault." The BSD indicators in the left and right rearview mirrors will flash for 6s before going out.

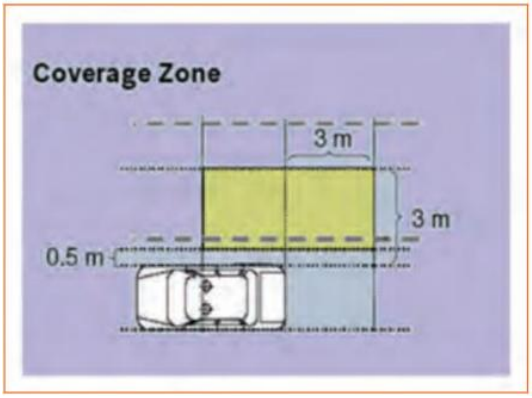
Alarm levels are divided into 2 categories:

Level I alarm: It will give out visual warning when a target vehicle is detected in the blind spot.

Level II alarm: If the turn signal is turned on and there is a vehicle in the blind spot, the alarm indicator will start to flash at a frequency of 5 Hz. In addition, the instrument cluster will give an alarm sound.

Alarm level	Working state of BSD warning light
No alarm	LED off
Level 1	LED light on
Level 2	LED flashing at 5 Hz

Blind spot detection range



The BSD system can detect an area of about 3 m×3 m on the left and right sides behind the vehicle.

△ Warning

- The BSD system is only used as a warning assistance for vehicles in the 3 m×3 m area on both sides behind the vehicle during lane change, and cannot replace the driver's observation of the surrounding environment.
- Please do not rely on the ultrasonic probe system as evidence of lane change safety due to its physical performance limitations and working blind spots. The driver is responsible for ensuring safe driving.

Caution

The following factors may impair the BSD system's capability to detect or may lead to poor detection:

a) Noise value and wet road surface.
b) High relative speed between the vehicle and a vehicle in the adjacent lane. For example, the vehicle accelerates and decelerates rapidly.
c) Noise may be generated when air flows around the corners of the vehicle body or through the funnel-shaped bracket of the sensor. Increased air pressure on the sensor's surface can diminish the sensor's wave transmission and receiving characteristics.
d) Waterlogged road.
e) Poor road conditions, sandy and dusty roads, and grassy roads.
f) Motorcycle.
g) Interference from other ultrasonic noise sources (e.g. other vehicles with the ultrasonic system on).

Forward collision warning system (FCW) *

The FCW system detects the vehicle's distance and speed relative to the vehicle and pedestrians ahead through the front-view camera, and prompts the driver to take corresponding measures when there is a risk of collision. The working speed range of FCW system is 8~200 km/h. FCW system can reduce the incidence of rear-end collision and pedestrian collision, and remind the driver to respond before collision to mitigate accident damage.

Warning

- The FCW system will not control the vehicle, and the driver must always maintain control of the vehicle and be responsible for the vehicle.
- In case of an emergency, the driver shall exercise independent judgment and apply the brakes without relying too heavily on the alarm.

Description of system control capability limitation

The FCW system may not send an alarm prompt in time due to its limited response capability. For example, when a vehicle ahead forcibly enters the driving lane under extreme working conditions or a pedestrian suddenly enters the driving lane, it may not be able to give an alarm in time.

Description of system detection capability limitation

1. The FCW system is usually working in the background and cannot be noticed by the driver, so relevant target vehicles or pedestrians will not be displayed to the driver when they are detected.

2. FCW system can only detect regular vehicles that have obtained license plates and are legally driving on the road.

3. FCW system obtains vehicle information by detecting the rear of the vehicle, so the system will not give an alarm prompt for vehicles coming from the opposite direction and crossing ahead.

4. The FCW system is an alarm system, but it cannot detect vehicles in all cases. For example, the rear of the vehicle is seriously blocked, the shape of the vehicle is strange (such as an overloaded vehicle transporting trees), and the rear of the vehicle is seriously damaged.

5. The FCW system can identify unobstructed adults with a height of 1.5~2.3 m and children with a height of more than 0.8 m.

6. To give full play to the best detection performance of FCW system, the camera shall receive clear and unmistakable information about body shape as much as possible. This means that the head, torso, arms and legs can be identified based on standard human movement.

7. The FCW system requires sufficient contrast between the pedestrian and the environmental background. Excessively bright or dim lighting has a negative impact on the system. If pedestrians are detected late or not at all due to their posture or the environment, the collision alarm will be delayed or cannot be triggered.

8. FCW system is an alarm system, but it cannot detect pedestrians under all conditions. For example, pedestrians who are partially blocked, cannot recognize their body shape with the clothes worn, are too low, carry large objects, have poor contrast, etc.

Constraints of traffic environment on system safety

1. When the sensor is blocked by ice, snow or dust on a curved road or hillside road, the system may not detect the vehicle ahead. Please keep the front windshield clean.

2. In case of poor visibility, such as heavy fog, rain or snow, the performance of FCW system will be limited.

3. Under complex traffic conditions, the FCW system may not identify vehicles in time, resulting in alarm delay.

Description of system operation buttons

In the "Driving Assist" tab on the multimedia display screen's pull-down menu, the FCW system can be activated or deactivated using the "Forward Collision Warning Function" soft switch. Additionally, the function's sensitivity can be adjusted through the "Forward Collision Warning Sensitivity" option.

When the vehicle is too close to the vehicle ahead, FCW will be activated and the icon flashes in red; when FCW is deactivated, the icon lights up in yellow.

FCW system is automatically turned on when the vehicle is started, and it is not recommended for users to turn off the system.

The FCW system supports sensitivity adjustment, which is divided into three levels: normal, advance and delay.

The FCW system is turned on by default, and the sensitivity is "Normal" by default. The function is turned on by default after it is started, and the sensitivity can be memorized.

Description of instrument cluster display

When the FCW system is triggered, a warning icon will be displayed in the instrument cluster pop-up box and an audible alarm signal will be given at the same time.

Description of automatic system release prompt

FCW system may be automatically deactivated under the following conditions:

1. The sensor is blocked.

2. Severe weather.

3. The system is subjected to some failures.

Description of system restraint conditions

When any inhibition condition is met, the FCW system will not be triggered. It aims to let the driver control the vehicle without disturbance.

1. The driver implements active steering, and the steering wheel rotates too fast or the steering angle is too large.

2. The driver implements "takeover of vehicle control", and depresses the accelerator pedal position too hard.

3. The driver depresses the brake pedal.

Description of factors affecting calibration

After replacement of the front-view camera and front windshield, four-wheel alignment, body and chassis modification or other components that affect the camera position, the system needs to be recalibrated; otherwise, the system performance will be reduced or the system cannot work normally.

Instructions for sensor cleaning

1. The camera sensor area on the front windshield will be blocked by ice, snow and dust. This area shall be cleaned for proper

operation of the FCW system.

2. The operation of the system may also be restricted in case of rain, snow or accumulated water on the road.

Autonomous emergency braking (AEB) system *

The working range of AEB system is 8~75km/h. This system detects the distance and relative speed between vehicle and other vehicles or pedestrians ahead through the forward-facing camera, and automatically performs emergency braking when judging that an inevitable collision is about to occur, so as to avoid collision or reduce injuries caused by collision. The AEB function can reduce the probability of rear-end collision and pedestrian collision, and automatically apply emergency braking before a collision as much as possible to reduce the severity of an accident.

△ Warning

- The driver shall be responsible for how to drive and how to avoid dangerous situations;
- The AEB system is an active safety assistance system, but it cannot completely avoid collision with the vehicle or pedestrian ahead. If the system does not detect vehicles or pedestrians ahead, the driver must intervene.
- Ensure that the vehicle drives safely at the appropriate speed and maintains a suitable distance from the vehicle ahead and pedestrians.
- If an accident occurs during the use of this function, the driver shall deactivate the current system in time and take over the vehicle actively.

Description of system control capability limitation

1. The response and braking capacity of AEB system are limited, so there may not be enough time and braking force to reduce the vehicle speed to avoid collision with vehicles or pedestrians ahead. When a vehicle ahead forcibly enters the driving lane under extreme working conditions or a pedestrian suddenly enters the driving lane, collision may not be avoided.

2. Always pay full attention when driving the vehicle, and be ready to deal with unexpected situations at all times.

Description of system detection capability limitation

1. The AEB system is usually in the background working state and will not be detected by the driver, so the relevant target vehicle or pedestrian is detected and will not be displayed.

2. The AEB system can identify regular vehicles with license plates installed and legally driving on the road.

3. AEB system obtains vehicle information by detecting the rear of the vehicle, so the system will not give an alarm prompt for vehicles coming from the opposite direction and crossing ahead.

4. AEB system is a driver assistance system, but it cannot detect vehicles under all conditions, for example, when the rear of the vehicle is seriously obstructed, the shape of the vehicle is strange (such as overloaded vehicles transporting trees), and the rear of the vehicle is seriously damaged.

5. The AEB system can identify unobstructed pedestrians with a height in the range of about 0.8~2.3m.

6. To give full play to the best detection performance of AEB system, the camera shall receive clear and unmistakable information about body shape as much as possible.

7. The AEB system requires sufficient contrast between the pedestrian and the environmental background. Excessively bright or dim lighting has a negative impact on the system.

8. The AEB system is a safety assistance system, but it cannot detect pedestrians in all cases. For example, pedestrians who are partially blocked, cannot recognize their body shape with the clothes worn, are too low, carry large objects, have poor contrast, etc.

Constraints of traffic environment on system safety

1. The system may not be able to detect a vehicle ahead when the subject vehicle is on a curved road or slope, or when the sensor is blocked by ice, snow or dust. Please keep the front windshield clean.

2. When the visibility is poor, such as in foggy or rainy and snowy weather conditions, the performance of AEB system will be limited.

3. On a slippery road, the braking effect may decrease and the braking distance may increase.

4. Under complex traffic conditions, AEB system may not detect vehicles in time,

resulting in delay of emergency braking.

Description of system operation buttons

The AEB function can be activated or deactivated via the "Automatic Emergency Braking Function" soft switch in the "Driving Assist" tab of the instrument cluster.

△ Warning

When the ESP system is off or in a fault state, the braking function of AEB system will not be activated.

When the vehicle is too close to the vehicle ahead, AEB will be activated and the indicator flashes in red; when AEB is deactivated, the AEB indicator stays on in yellow.

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

Description of instrument cluster display

Description of system alarm mode

When the AEB system triggers automatic emergency braking, a warning icon will pop up on the instrument cluster at the same time, and an audible alarm signal will be given.

Description of automatic system release prompt

AEB system may be automatically deactivated under the following conditions:

1. The sensor is blocked.
2. Severe weather.
3. The electronic stability control system works abnormally or is turned off.
4. The system is subjected to some failures.

Description of system restraint conditions

AEB system will not be triggered when any of the following inhibition conditions is met:

1. The driver implements active steering, and the steering wheel rotates too fast or the steering angle is too large.
2. The driver "takes over vehicle control": The driver depresses the accelerator pedal too hard.

Description of system interruption conditions

1. The driver implements "active steering": The angular speed of the steering wheel is high or its turning angle is too large.
2. The driver "takes over vehicle control": The driver depresses the accelerator pedal too hard.
3. When the speed drops below the threshold of 40 km/h, AEB stops automatic braking.

Lane Departure Warning System (LDW) *

Working principle

When the vehicle runs on a road with identifiable lane lines at a speed greater than or equal to 60 km/h, the LDW system is activated. When the vehicle deviates from the lane unconsciously, the LDW system gives an audible and visual alarm to remind the driver to drive safely.

Caution

- The LDW system may not work normally if the camera on the front windshield is blocked by ice, snow and dust. Therefore, keep the camera clean.
- The operation of the system may also be restricted in case of snow, heavy rain or accumulated water on the road.

System operation

Button description

Access the system settings through the "Driving Assist" menu on the instrument cluster. LDW is enabled by default, and the LDW distance is normal by default. In the next ignition cycle, during LDW initialization, it is necessary to read the warning distance when the Start/Start switch is placed in OFF position last time.

Function condition description

- After the function is enabled, if the system can detect lane lines, the vehicle speed is greater than 60 km/h and other functional conditions are met, the system will automatically enter the activated state.
- The system will deactivate if the lane lines on both sides disappear or the vehicle speed is lower than 60 km/h.
- When the turn signals (or hazard lights) are turned on, the system warning function will be deactivated; when the turn signals (or hazard lights) are turned off, the system warning function returns to normal.
- LDW: When the vehicle is on a curve (125 m < lane curvature < 250 m), the system

will enter the curve cut-in mode, and the warning will be given in a delayed manner.

• LDW: When the vehicle is on a narrow lane (2.5 m < lane width < 3.0 m), the system will enter the narrow lane adaptation mode, and the warning will be given in a delayed manner.

System state

LDW system information can be shown on the instrument cluster. When the LDW system is turned off, the lane departure indicator will turn off.

• When the LDW system is turned on but not activated, the lane departure indicator stays on in white.

• The LDW system is activated, and the lane departure indicator stays on in green.

System information

The driver assistance page of the instrument cluster displays the lane departure warning system information.

Lane line detected

• When the left lane line is detected, the left lane line on the main interface is displayed in white, while the right lane line is displayed in gray.

• When the right lane line is detected, the right lane line on the main interface is displayed in white, while the left lane line is displayed in gray.

• Lane lines on both sides are detected, and the left and right lane lines on the main interface are displayed in white.

No lane line detected

• No lane line is detected, and the left and right lane lines on the main interface are gray.

LDW

• When the left lane departure alarm is triggered, the left lane line on the main interface turns yellow, and the buzzer sounds three times.

• When the right lane departure alarm is triggered, the right lane line on the main interface turns yellow, and the buzzer sounds three times.

Caution

The lane line detection status cannot be used to judge whether the vehicle is in the lane, and the driver needs to control the driving direction of the vehicle by herself/himself.

Description of instrument cluster display

The LDW system is only an auxiliary warning system. The driver should always pay attention to the surrounding driving environment and make decisions about changing lanes accordingly.

The LDW system can only provide an alarm in case of lane departure and cannot actively correct the driving direction of the vehicle. The driver is responsible for controlling the vehicle.

Functional limitations

The function will be limited under the following conditions. If LDW system does not operate normally due to poor driving conditions,

do not use the system.

1. The sensor is blocked by snow, ice or dust stains on the front windshield.

2. When in heavy fog, rain, snow and other weather with low visibility.

3. When the lane line is blocked by other obstacles;

4. When the lane line width is too narrow or the curve curvature is too large.

5. When the sight of the camera is blocked due to too close distance from the front vehicle.

6. When driving towards strong light;

7. The vehicle is driving in situations with complex lane lines, such as lane line bifurcations, intersections, sidewalks, or construction zones.

8. When the road surface is shaded by railings, trees or other objects, misidentification may occur.

9. When the lane line is blurred or the light is weak at night;

10. When the vehicle is driving on a road covered with rain and snow.

Warning sensitivity

LDW supports sensitivity adjustment with three levels: normal, near, and far. The LDW switch and sensitivity settings can be saved. When the Start switch is turned to the ACC/ON position, the system will default to the last saved state. There are two factors affecting system sensitivity:

1. Removal and installation of interior rearview mirrors.

2. Replace the windshield.

After replacement of the front-view camera and front windshield, four-wheel alignment, body and chassis modification, the system needs to be recalibrated; otherwise, it cannot work normally.

Lane keeping assist (LKA) system *

The lane keeping assist system (hereinafter referred to as LKA system) can be used to keep the vehicle running along the lane line at a speed of 70~120 km/h. The system will automatically assist the driver in turning the steering wheel to pass through a curve where the curvature of lane line is not too large.

△ Warning

- LKA system is a comfort system and does not have the ability to deal with special driving conditions such as complex traffic conditions or sudden environmental changes. The driver must always keep control of the steering wheel and be fully responsible for the vehicle.
- LKA system is suitable for expressways and roads with good conditions, but not suitable for urban or mountainous roads.
- LKA system can assist the driver but cannot replace the driver for driving. Even if LKA system is activated, the driver must drive carefully. LKA system allows the driver not to operate the steering wheel for a short time, but it will automatically exit if the time is too long. The driver must be ready to take over the steering wheel at any time.
- It is recommended not to use the LKA system when the road environment is harsh or the road conditions are complex.
- If an accident occurs during the use of this function, the driver shall exit the current system in time and take over the vehicle actively.

Statement

Description of system control capability limitation

The steering capability of LKA system is limited, and it cannot guarantee that the vehicle can pass through curves with any curvature within the effective speed range. The driver must concentrate and always be ready to take over the steering wheel when driving through a curve.

Description of system detection capability limitation

LKA system can only detect lane lines and curbs with a certain contrast. For fuzzy or stained lane lines, the detection may be inaccurate or impossible, and for some vehicle tracks, watermarks or shadows with large color difference and contrast on the road surface, the detection may be wrong. Inaccurate lane line detection may cause function exit or abnormal steering.

Constraints of traffic environment on system safety

LKA system may not work normally under the following conditions:

1. The sensor is blocked by snow, ice or dust stains on the front windshield.

2. When in heavy fog, rain, snow and other weather with low visibility.

3. When the lane line is blocked by

other obstacles;

4. When the lane line width is too narrow or the curve curvature is too large.

5. When the sight of the camera is blocked due to too close distance from the front vehicle.

6. When driving towards strong light;

7. The vehicle is driving in complex situations such as lane line bifurcations, intersections, sidewalks, or construction zones.

8. When the road surface is shaded by railings, trees or other objects, misidentification may occur.

9. When the lane line is blurred or the light is weak at night;

10. When the vehicle is driving on a road covered with rain and snow.

11. The road surface is extremely bumpy or uneven.

△ Warning

When the traction control system or ESP system is activated, if LKA system is controlling steering, the LKA system will exit.

Description of system operation buttons

The master switch of the LKA system is located on the instrument panel switch set. Press to activate or deactivate the system.

Description of system use mode

Enable the LKA system

When the lane LKA system master switch is pressed, the LKA indicator on the instrument cluster will light up in white, indicating that the LKA system is in standby state.

After the function is enabled, if the system can detect lane lines, the vehicle speed is greater than 70 km/h and other functional conditions are met, the system will automatically enter the activated state. The main functional conditions are as follows:

1. All doors must be closed.
2. The ESP is free of fault.
3. ESP is free of fault.
4. ESP local function is not activated
5. The transmission is free of fault.
6. The engine is free of fault.
7. The gear is in D position.
8. The current vehicle speed must be at least 70 km/h.
9. The system will exit the activated state if the lane line on either side is not clear, or the vehicle speed is lower than 65 km/h, or other exit conditions are met.

LKA system exit conditions

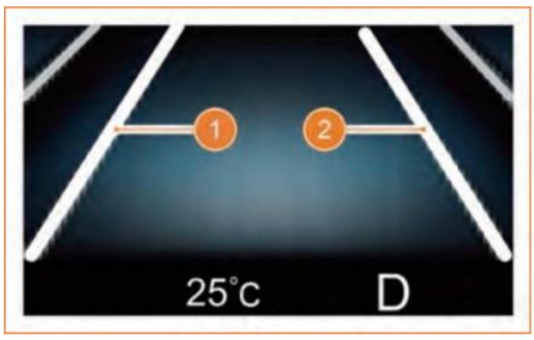
1. Press the LKA button when the LKA system is enabled.
2. Speed is lower than 65 km/h.
3. The lane line is not clear.
4. The steering wheel is manually controlled.

Description of instrument cluster display

The lane departure warning system information is displayed on the instrument cluster:

1. When the LKA system is deactivated, the LKA working indicator on the instrument cluster stays off.
2. When the LKA system is enabled but does not meet the working conditions, the LKA working indicator on the instrument cluster stays on in white.
3. When the LKA system is activated, the LKA working indicator on the instrument cluster stays on in green.
4. When an external fault causes the LKA system to exit, but the current action will still be completed, the LKA working indicator on the instrument cluster flashes in green (and a takeover request is sent at the same time).

Lane line detection state icon displayed on the instrument cluster



1. Left lane line
2. Right lane Line

- No lane line is detected, and the left and

right lane lines on the main interface are gray.

- When the left lane line is detected, the left lane line on the main interface is displayed in white, while the right lane line is displayed in gray.
- When the right lane line is detected, the right lane line on the main interface is displayed in white, while the left lane line is displayed in gray.
- Lane lines on both sides are detected, and the left and right lane lines on the main interface are displayed in white.

Description of system takeover prompt

In the following cases, the instrument cluster will continuously display a text reminder of "Please take over the vehicle", accompanied by buzzer alarm:

- If the system reaches the upper limit of its steering capacity when the vehicle is turning for more than a certain period of time.
- If the system determines that the curve ahead exceeds its passing capacity.
- If the system detects abnormal shaking of the steering wheel.

If the system detects that the driver has not been holding the steering wheel for a period of time, the instrument cluster will display "Please operate the steering wheel" as a continuous text reminder, accompanied by a buzzer alarm.

Caution

- After the system requires that the driver takes over the vehicle, if the steering wheel is still under system control, the driver must operate the steering wheel to control the direction of the vehicle.
- The LKA system is turned off by default before delivery.

Introduction to system control function

If the driver actively controls the steering wheel to change direction or turns on the turn signal to prepare for lane changing when LKA system is activated, LKA system will exit temporarily. When the driver turns off the turn signal or passively controls the steering wheel and stays near the lane centerline, the LKA system will be restarted.

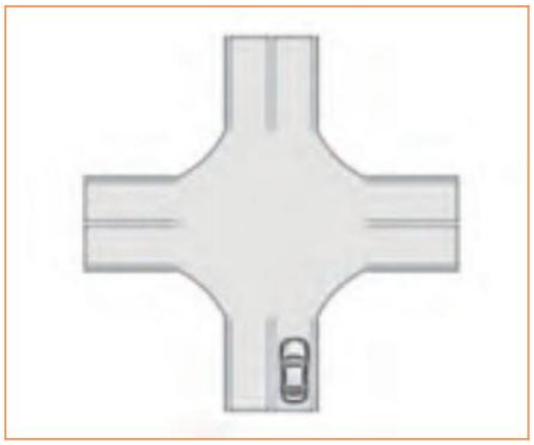
Functional limitations

Under certain traffic road conditions, the LKA system cannot respond well, resulting in accidents. Therefore, the driver shall pay special attention to this situation. Such driving cycles include but are not limited to the following:

1. Interference line on the road

When there is an obvious interference line on the road in front of the vehicle, the LKA system may exit due to degradation in identification quality of lane lines caused by the interference line on the road, or abnormal steering may occur due to the interference of that interference line.

2. No lane line at the intersection



When the vehicle travels to an intersection, the LKA system may exit due to absence of the lane line ahead, or abnormal identification and steering may occur due to the influence of crosswalk and other road markings at the intersection.

3. Lane line convergence.

When the vehicle travels to the lane line convergence position, the LKA system may exit because it identifies that the vehicle cannot pass through due to the lane line convergence ahead.

4. Expressway ramp.

When the vehicle runs to an expressway ramp, the LKA system may be deactivated due to a reduced speed lower than the effective one when entering the ramp or recognition of excessive ramp curvature or unclear lane line.

5. Lane line blocked vehicle ahead.

When there is a vehicle running close ahead of the vehicle and blocking the lane line ahead, the LKA system may exit due to unrecognized lane lines on one side.

6. Blurred lane line

When the lane line ahead of the vehicle is blurred, the LKA system may exit due to failure to identify clear lane lines.

7. The lane ahead is too curved or narrow.

When the lane ahead is too wide or narrow, the LKA system may judge that the width of the lane ahead does not meet the functional conditions and exit.

8. The road surface is extremely bumpy or uneven.

When the vehicle runs on an extremely bumpy or uneven road surface, the LKA system may exit due to abnormal fluctuation of steering wheel caused by road excitation or abnormal lane identification caused by severe vehicle bumpiness.

Intelligent high beam control (IHC)*

The IHC system detects the headlights of oncoming vehicles or the taillights of vehicles ahead using the camera sensor located at the upper edge of the windshield, and automatically switches from high beam to low beam. When the camera sensor can no longer detect any oncoming vehicles or vehicles ahead, the high beam will be reactivated. This function also takes into account ambient light factors such as street lights.

△ Warning

- Keep the windshield surface in front of the camera sensor clean and free from ice, snow, fog and dirt.
- Do not stick any substance on the windshield in front of the camera sensor, which may reduce the effectiveness or cause the system to stop working.

Statement

Description of system control capability limitation

1. The system can detect the following targets:

- Opposite oncoming vehicle with complete headlights (on).
- Vehicle ahead in the same direction with complete taillights (on).
- Bicycle ahead with an illuminated device.
- Street lights and other ambient light sources.

2. When the light device of the vehicle detected is abnormal (such as a single headlight and a single taillight), this will degrade the system performance or lead to failure in normal identification.

3. Red or orange signal lights may be detected as vehicle taillights.

Constraints of traffic environment on system safety

1. Rain, ice, snow, dense fog and dirt may cause performance degradation of the system.

2. The system may not work normally due to the instability of the vehicle body when the vehicle is running on a bad road section (such as slippery road, slope or pit, sharp turn, etc.).

3. When there are highly reflective objects near the road (such as traffic signs), the system may not work normally.

4. The system may not work normally when the lights of vehicles coming from ahead are blocked (e.g. crash barrier).

Description of system operation buttons

The IHC function can be activated or deactivated through the "Intelligent high/low beam" soft switch in the "Driving Assistance" tab on the instrument cluster setting page.

Description of System Use Mode

The system can be activated when the following conditions are met simultaneously.

1. The vehicle is in a dark environment with no other vehicles or street lights.

2. The light knob or lever rotating ring is in the AUTO position.

3. The vehicle speed is above 40 km/h.

Automatic system release conditions

The vehicle speed drops below 25 km/h.

Manual system release conditions

1. The light knob or lever rotating ring is not in the AUTO position.

2. The function button switch is OFF.

Factors affecting calibration

1. Removal and installation of interior rearview mirrors.

2. Replace the windshield.

After replacement of the front-view camera and front windshield, four-wheel alignment, body and chassis modification or other operations that affect the camera position, the system needs to be recalibrated; otherwise, the system performance will be reduced or the system cannot work normally.

Instructions for sensor cleaning

The camera sensor on the upper edge of the front windshield in front of the interior rearview mirror may be blocked by ice, snow or dust. This area shall be cleaned for the adaptive high/low beam function to work normally.

Driving in Adverse Weather Conditions

Driving tips

When driving in wet conditions like rain, snow, and fog, make sure to reduce speed, maintain a longer following distance, avoid sudden braking and steering, and check if the

rearview mirror image is clear before starting. In these weather conditions, brakes are prone to getting wet, leading to reduced braking performance, minimal road grip, and extended braking distances. When slowing down or stopping on icy and snowy roads, utilize engine braking along with gently pressing the brake pedal to reduce the speed. When there's a significant temperature difference between inside and outside, causing fog on the front windshield, avoid wiping the glass while driving to prevent distraction-related accidents. Adjust the temperature with the car's A/C to clear the fog.

Visibility

A clear and unobstructed field of vision is crucial for drivers. However, in adverse weather conditions, visibility may be significantly impaired. In such situations, turning on the fog lights and headlights improves visibility to others, greatly enhancing driving safety. Check the windscreen wiper and washer frequently. Make sure that a proper amount of washer fluid is stored in the washer reservoir. If the wiper does not wipe clean or leaves stripes on the windscreen, replace the blade.

Driving force (traction)

Regularly check the tire wear and tire pressure, as both are crucial in preventing the vehicle from "slipping" (losing traction on wet roads). During winter, all four wheels should be fitted with snow tires (anti-skid deep tread) to ensure optimal handling and safety.

Caution: Stay aware of the road conditions. When the outside temperature is close to zero, the road surface may be covered with a mixture of ice and water. Therefore, the adhesive force of the vehicle may change suddenly without any warning, causing the vehicle to slip.

Towing trailer

The vehicle is not intended for towing a trailer, and attempting this will void the warranty.

Handle Emergency Troubleshooting

Hazard alarm switch

Type I

Type II

1. Hazard alarm switch

Press the red switch below the multimedia display to activate the hazard warning light. At this time, all turn signals outside the vehicle and the turn signal indicator on the instrument cluster will flash to remind pedestrians and passing vehicles that your vehicle is in an abnormal state.

Warning triangle

In case of an accident while driving, pull over to the right side as safely as possible. Take out the warning triangle, position the reflective side facing oncoming traffic and place it 100–200 meters directly behind your vehicle to alert approaching vehicles and prevent further accidents. Also, remember to activate the hazard warning lights.

Replacement of tire

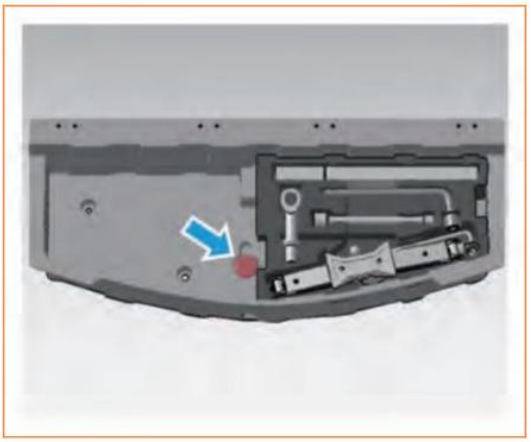
Preparations for tire replacement

Park the vehicle in a place where the traffic flow is little and it is convenient to replace the wheel safety. Before replacing a wheel in emergency, turn on the hazard warning light and place the warning triangle at an appropriate distance according to the road conditions to avoid traffic accidents.

The on-board tools are located in the clamping foam at the lower layer of the trunk. Take out the tools from the clamping foam.

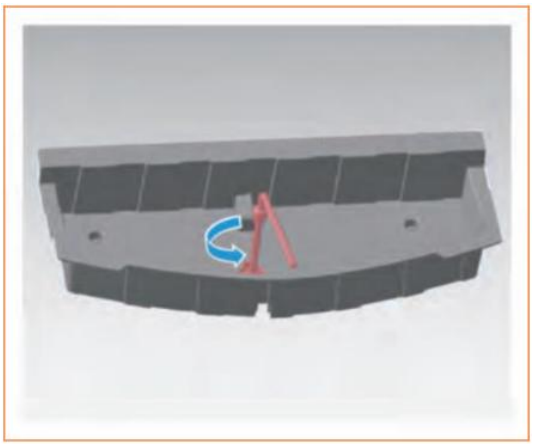
Taking out the spare tire

1. Find the spare tire at the lower layer of trunk, remove the nut plug and then pry up plug.

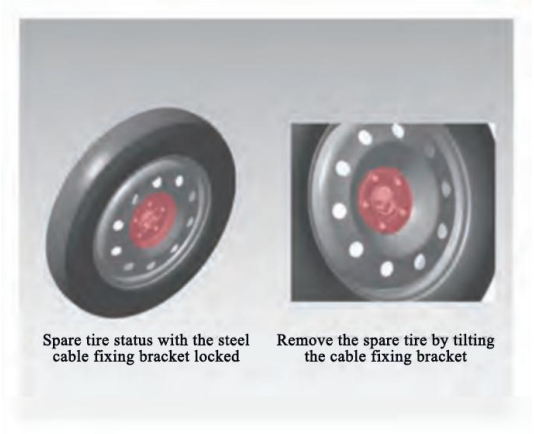


2. Turn the wheel nut wrench

counterclockwise to lower the spare tire.

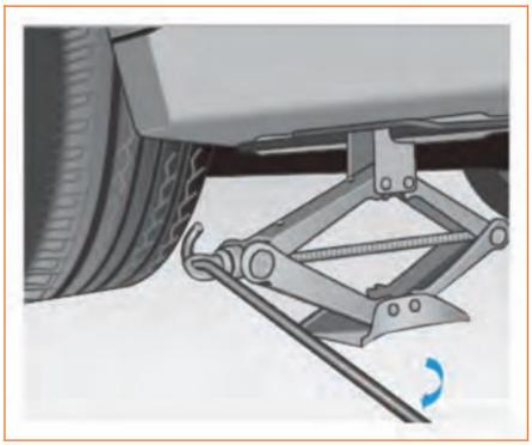


3. When the spare tire reaches the ground, pull it out from the rear of the vehicle. Pull out the steel cable fixing bracket from the center of the spare tire hub, and remove the spare tire.



4. Turn the wheel nut wrench clockwise to retract the cable fixing bracket until it is fully secured in position.

Jack the vehicle



Before jacking the vehicle, place a stopper in front of and behind the wheel diagonally opposite to the replaced tire, and then loosen the wheel nut by half a turn with a wrench. Place the jack at the fulcrum beside the wheel to be replaced, and then lift the vehicle.

Caution

Do not jack the jack at any position other than the specified position. If the jacking position is incorrect, the vehicle body may be sunken or accidents may occur when the vehicle body falls.

Spare tire replacement

Remove the wheel nut cap clip from the vehicle information pack.

Use the wheel nut cap clip to remove the nut decorative cover.

Remove the wheel nuts with a wheel nut wrench, and then remove the tire. Remove all sludge from the hub surface and install the spare tire. Tighten the wheel nuts in a crossed sequence as shown in the figure until the wheel is close to the brake hub. Lower the vehicle to the ground and take out the jack. Tighten the wheel nuts in the same cross manner. Then install the nut trim cover with wheel nut cap clip. Appropriate torque shall be applied when tightening the wheel nuts.

Flat tire fixation

The flat tire installation procedure is reverse to the spare tire removal procedure.

Caution

- Frequently check the inflation pressure of spare tire for emergency use at any time. Keep the inflation pressure of the spare tire at the maximum specified value to ensure that the tire can be used under any circumstances (in city/high-speed driving, various loads, etc.). If the spare tire has not been used for many years, please contact a Dongfeng Forthing authorized service station to ensure that your tire can still be used safely.
- The spare tire can only be used for emergency and is not allowed to be used for a long time.
- The spare tire is not allowed to be installed on the steering wheel (i.e. front wheel). If the steering wheel needs to be replaced, the spare tire shall be replaced on the rear wheel first, and then the replaced wheel shall be installed on the steering wheel.

Replacement of bulb

Description

Replacement of bulb usually requires the removal of certain vehicle components, so professional skills are required for relevant operations, otherwise the light cover may be damaged. If replacement is required, please contact an authorized service station of Dongfeng Forthing.

Bulb Specifications

Name	Bulb type
Headlight (low beam)	H7 12V 55W
Headlight (high beam)	H7 12V 55W
Front turn signal	PY21W
Front position light	LED
Daytime running light	LED
Side turn signal	LED
Rear turn signal	PY21W
Reversing light	W16W
Rear fog light	P21W
License plate light	W5W
Front dome light	LED
Rear roof light	LED
Trunk light	C10W
Front fog light	LED
Brake light	LED
High-mount brake light	LED

Headlight calibration

When the new vehicle leaves the factory, the headlight has been calibrated. If you often use the trunk to carry heavy objects, the headlamp may need to be recalibrated. If you need to calibrate the headlight, please contact an authorized service station of Dongfeng Forthing.

FAQ

Why does the headlamp glass surface fog sometimes?

In general, the fog in the headlight is formed by condensation when the moisture in the lamp body material evaporates and contacts with low-temperature conditions. This is a normal physical phenomenon, and the fog will finally dissipate after each formation.

The method to eliminate fog is as follows: During driving, after the low beam is turned on for a period of time, the fog in the effective area irradiated in front of the headlight can be dissipated.

Caution

- When the headlight is turned on, the surface temperature of the headlight is very high. Do not directly touch the surface of the light to avoid scalding.
- To avoid damaging the light, do not use invasive abrasive or chemical solvent to clean the light. Do not wipe or clean the lightshade with sharp objects when it is dry.

Replacement of wiper blade

The vehicle is equipped with a wiper maintenance mode. For specific operations, please refer to the wiper maintenance mode section in Chapter III: Control.

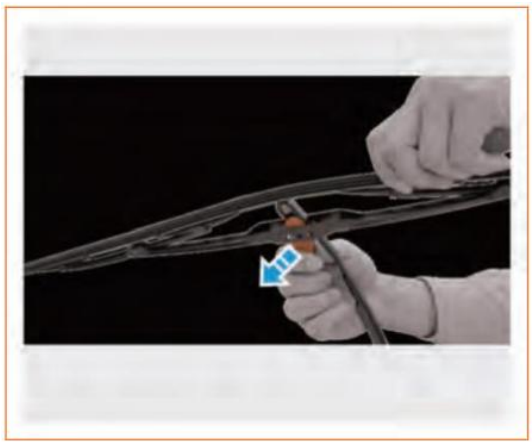
Frameless wiper replacement

1. Hold the wiper arm with your right hand and press down the wiper blade with your left hand in the indicated direction.

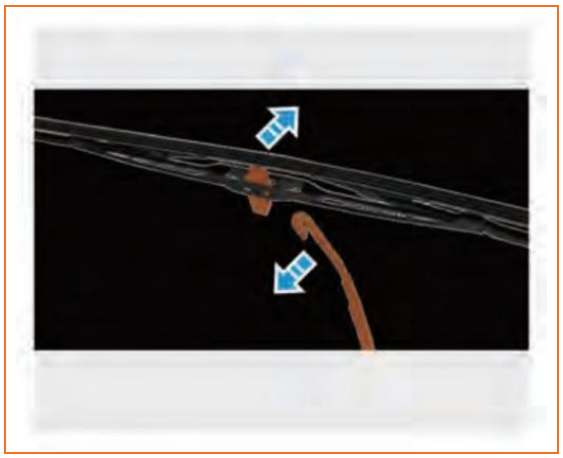
2. Pull out the wiper blade along the opening direction of the wiper rod and remove the wiper blade.

Frameless wiper replacement

1. Pull up the wiper from the windshield. Pull up the one at the driver side and then the passenger side.



2. Hold the wiper arm with your right hand and press down the wiper blade with your left hand in the indicated direction. Separate the hanger and scraper and remove the scraper.



3. Detach the wiper arm from the wiper blade, and remove the wiper blade.

4. Replace the wiper blade assembly with a new one, and operate in the reverse order to ensure that the wiper blade is correctly installed in place.

Caution

Do not open the engine hood when the wiper arm is pulled up; otherwise, the engine hood and the wiper arm will be damaged.

Replacement of fuse

Positions of fuse boxes

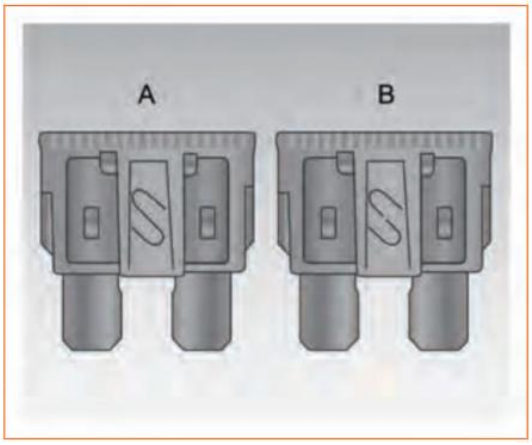
Engine compartment fuse box

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

Interior fuse box

The indoor fuse box is located behind the storage box in the lower left corner on the driver's side. Remove the storage box to check the fuse.

Fuse check



A: Normal

B: Fuse blown

When the electrical equipment is at risk of overload, the fuse protects the vehicle's electrical system by blowing. A blown fuse indicates that the circuit it protects is faulty and stops working. If the fuse is suspected to be faulty, remove it with a fuse puller and check whether it is blown.

Replacement of fuse

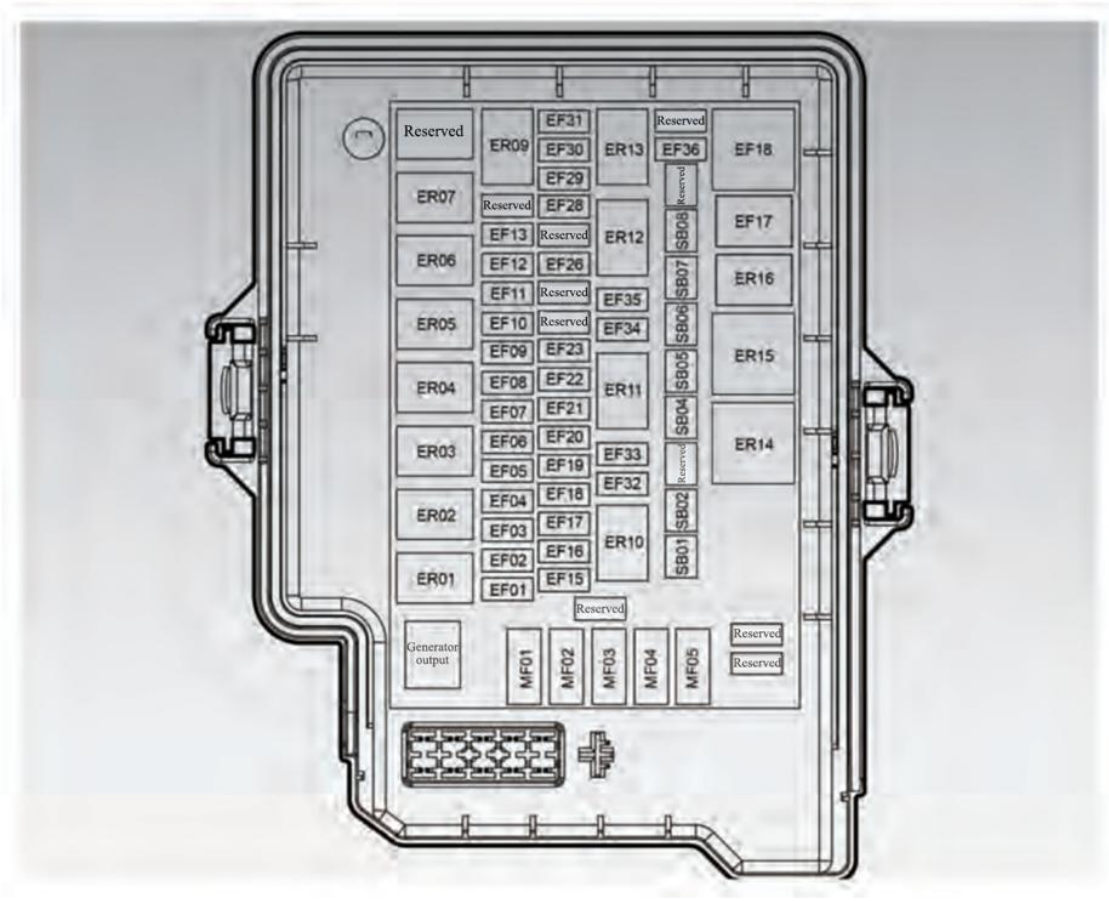
There is a fuse puller in the engine compartment fuse box. Pull the fuse straight out of the fuse box with the puller. If the fuse is not blown, there must be other causes causing the fault. Please contact an authorized service station of Dongfeng Forthing as soon as possible.

Check the blown metal wire in the fuse. If the fuse is burnt out, use the spare fuse with the same amperage to replace the burnt-out one.

If the replacement fuse with the same rating is blown again in a short time, it indicates that the vehicle may have a serious electrical fault. Please contact an authorized service station of Dongfeng Forthing as soon as possible.

Engine hood fuse box layout

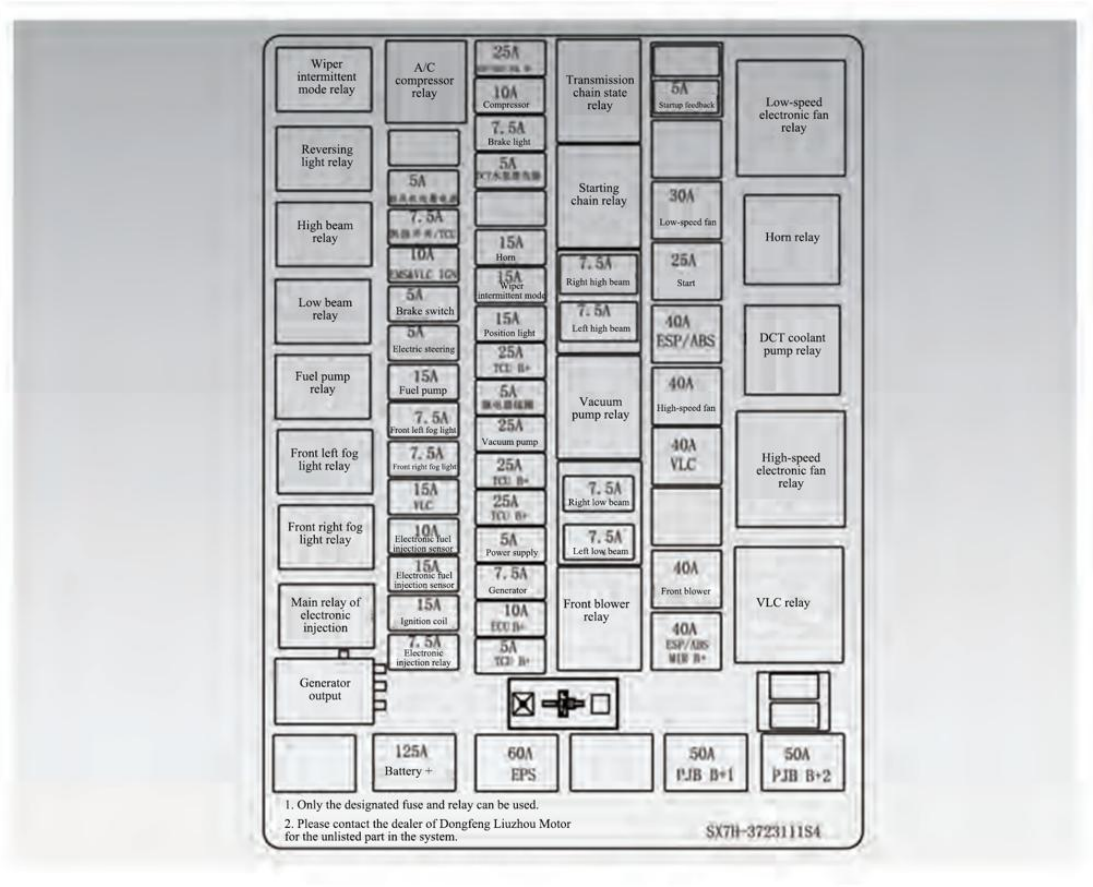
Type I



No.	Name	Rated current (A)	Description
MF01	Battery positive fuse	125A	-
MF02	Electric power fuse	60A	-
MF03	Electronic fan control fuse	50A/60A/80A	-
MF04	Fuse of instrument cluster fuse box	50A	-
MF05	Fuse of instrument cluster fuse box	50A	-
SB01	ESP/ABS MTR BAT+ 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	Starter fuse	25A	-
SB08	Low-speed fan fuse	30A	-
EF01	Electronic injection relay fuse	7.5A	-
EF02	Ignition coil fuse	15A	-
EF03	Electronic fuel injection actuator fuse	15A	-
EF04	Electronic injection sensor fuse	10A	-
EF05	VLC fuse	15A	-
EF06	Front right fog light fuse	7.5A	-
EF07	Front left fog light fuse	7.5A	-
EF08	Fuel pump fuse	15A	-
EF09	EPS fuse	5A	-
EF10	Brake switch fuse	5A	-
EF11	EMS and VLC IGN fuses	10A	-

No.	Name	Rated current (A)	Description
EF12	Reverse switch/TCU fuse	7.5A	-
EF13	Blower coil power supply fuse	5A	-
EF15	TCU B+ fuse	5A	-
EF16	ECU B+ fuse	10A	-
EF17	Generator fuse	7.5A	-
EF18	B+ power supply fuse	5A	-
EF19	TCU B+ fuse	20A/25A	-
EF20	TCU B+ fuse	25A	-
EF21	Vacuum pump fuse	25A	-
EF22	Relay coil fuse	5A	-
EF23	TCU B+ fuse	25A	-
EF24	Position light fuse	15A	
EF25	Wiper INT	15A	
EF26	Horn fuse	15A	-
EF28	DCT coolant pump relay fuse	5A	-
EF29	Brake light fuse	7.5A	-
EF30	Compressor fuse	10A	-
EF31	ESP/ABS SOL B+ fuse	25A	-
EF32	Left low beam fuse	7.5A	-
EF33	Right low beam fuse	7.5A	-
EF34	Left high beam fuse	7.5A	-
EF35	Right high beam fuse	7.5A	-
EF36	Start feedback fuse	5A	-

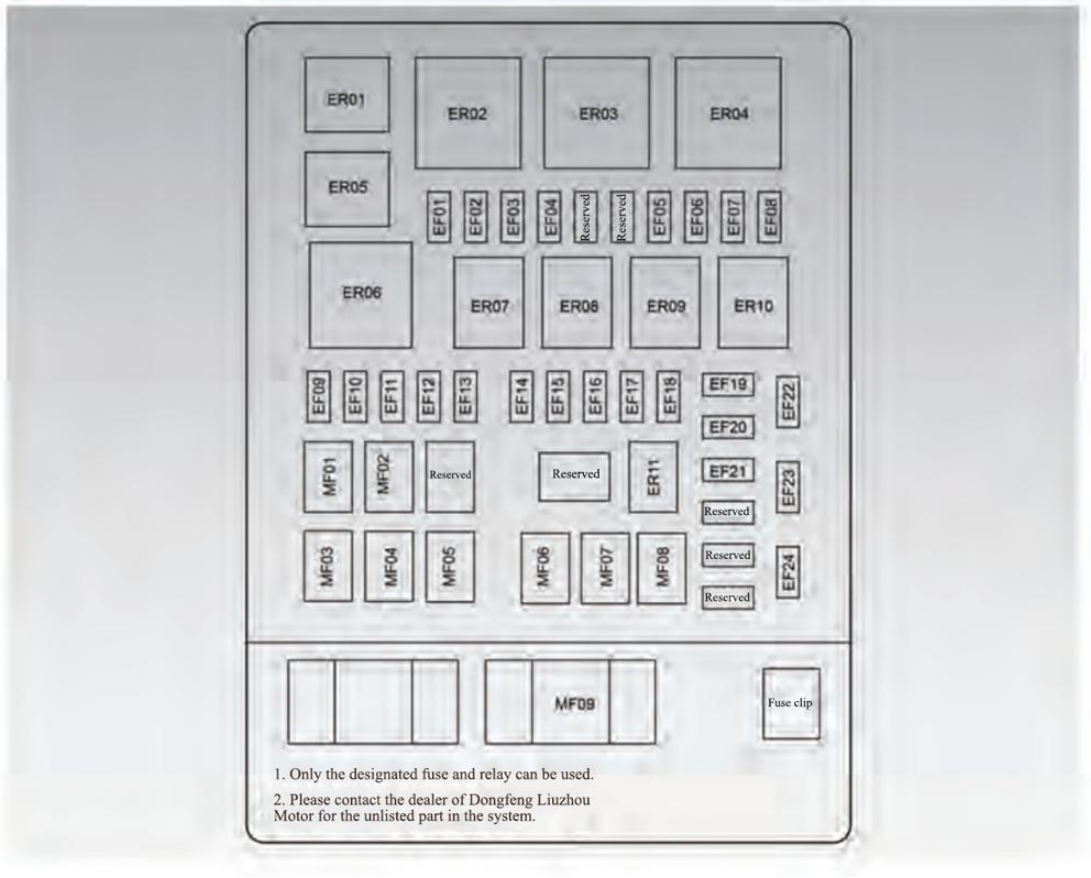
Type II



No.	Name	Rated current (A)	Description
AL07	Battery positive fuse	125A	-
MF02	EPS fuse	60A	-
MF04	PJB B+1 fuses	50A	-
MF05	PJB B+2 fuses	50A	-
F01	Electronic injection relay fuse	7.5A	-
F02	Ignition coil fuse	15A	-
F03	Electronic fuel injection actuator fuse	15A	-
F04	Electronic injection sensor fuse	10A	-
F05	VLC fuse	15A	-
F06	Front right fog light fuse	7.5A	-
F07	Front left fog light fuse	7.5A	-
F08	Fuel pump fuse	15A	-
F09	EPS fuse	5A	-
F10	Brake switch fuse	5A	-
F11	EMS&VLC IGN fuse	10A	-
F12	Reverse switch/TCU fuse	7.5A	-
F13	Blower coil power supply fuse	5A	-
F15	ECUB+ fuse	5A	-
F16	ECUB+ fuse	10A	-
F17	Generator fuse	7.5A	-
F18	B+ power supply fuse	5A	-
F19	TCU B+ fuse	20A	-
F20	TCU B+ fuse	25A	-
F21	Vacuum pump fuse	25A	-

No.	Name	Rated current (A)	Description
F22	Relay coil fuse	5A	-
F23	TCU B+ fuse	25A	-
F24	Position light fuse	15A	-
F25	Wiper INT mode fuse	15A	-
F26	Horn fuse	15A	-
F28	DTC coolant pump relay fuse	5A	-
F29	Brake light fuse	7.5A	-
F30	Compressor fuse	10A	-
F31	ESP/ABS SOL B+ fuse	25A	-
F32	Left low beam fuse	7.5A	-
F33	Right low beam fuse	7.5A	-
F34	Left high beam fuse	7.5A	-
F35	Right high beam fuse	7.5A	-
F36	Start feedback fuse	5A	-
SB1	EPS/ABS MIR B+ fuse	40A	-
SB2	Front blower fuse	40A	-
SB4	VLC fuse	40A	-
SB5	High-speed fan fuse	40A	-
SB6	ESP/ABS fuse	40A	-
SB7	Starter fuse	25A	-
SB8	Low-speed fan fuse	30A	-

Type III

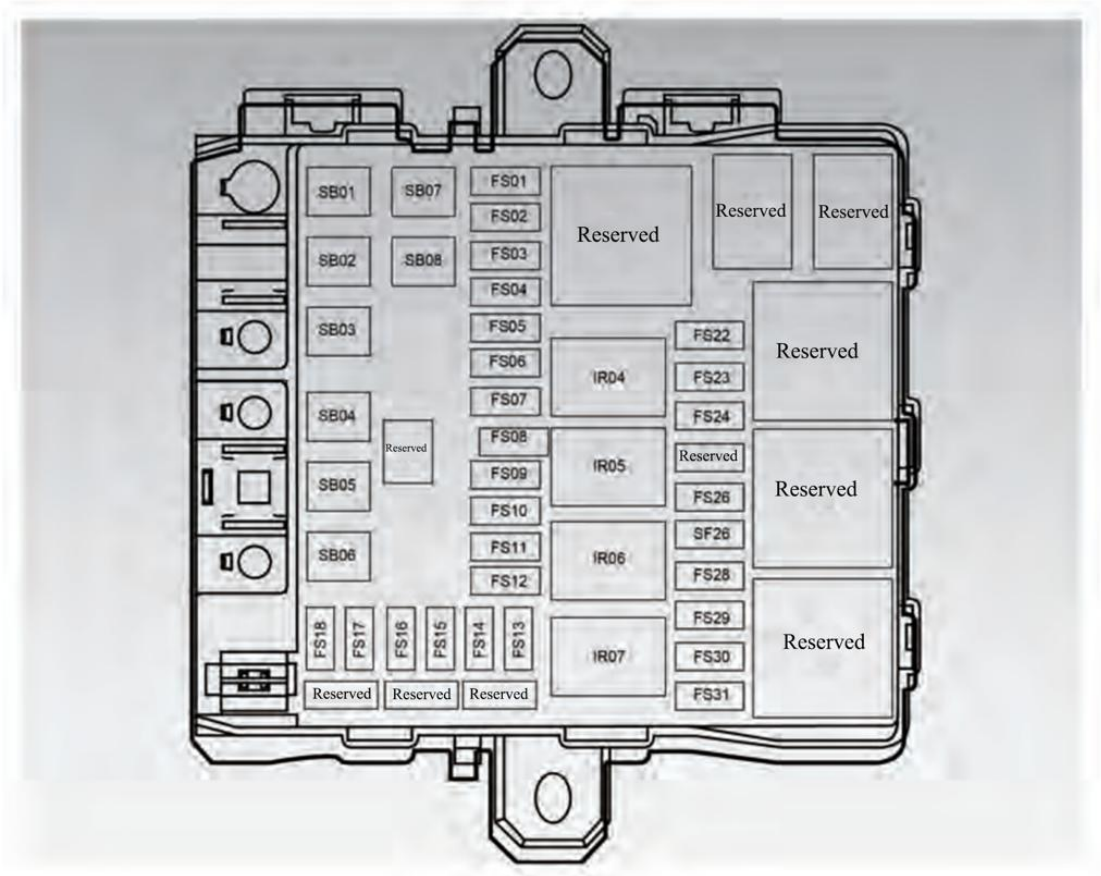


No.	Name	Rated current (A)	Description
EF01	Front left low beam fuse	7.5A	-
EF02	Front right low beam fuse	7.5A	-
EF03	Front left high beam fuse	7.5A	-
EF04	Front right high beam fuse	7.5A	-
EF05	Electric horn fuse	15A	-
EF06	Fuel injection nozzle fuse	15A	-
EF07	Ignition coil fuse	15A	-
EF08	Main relay fuse	5A	-
EF09	Vacuum pump fuse	25A	-
EF10	ECU fuse	10A	-
EF11	TCU fuse	20A	-
EF12	Light relay fuse	5A	-
EF13	ESP/ABS fuse	25A	-
EF14	Compressor fuse	10A	-
EF15	Front left fog light fuse	10A	-
EF16	Front right fog light fuse	10A	-
EF17	Brake light fuse	10A	-
EF18	Generator fuse	5A	-
EF19	Reverse switch fuse	5A	-
EF20	Brake switch/ABS fuse	5A	-
EF21	ECU fuse	5A	-
EF22	Spare fuse	10A	-
EF23	Spare fuse	7.5A	-
EF24	Spare fuse	5A	-

No.	Name	Rated current (A)	Description
MF01	Low-speed electronic fan fuse	30A	-
MF02	ESP/ABS MTR fuse	40A	-
MF03	ESP/ABS SOL fuse	40A	-
MF04	Cab fuse	50A	-
MF05	High-speed electronic fan fuse	40A	-
MF06	Front blower fuse	40A	-
MF07	Cab fuse	50A	-
MF08	EPS fuse	50A	-
MF09	Generator ALT B+ fuse	125A	-
ER11	Position light relay	15A	-

Layout of interior fuse box

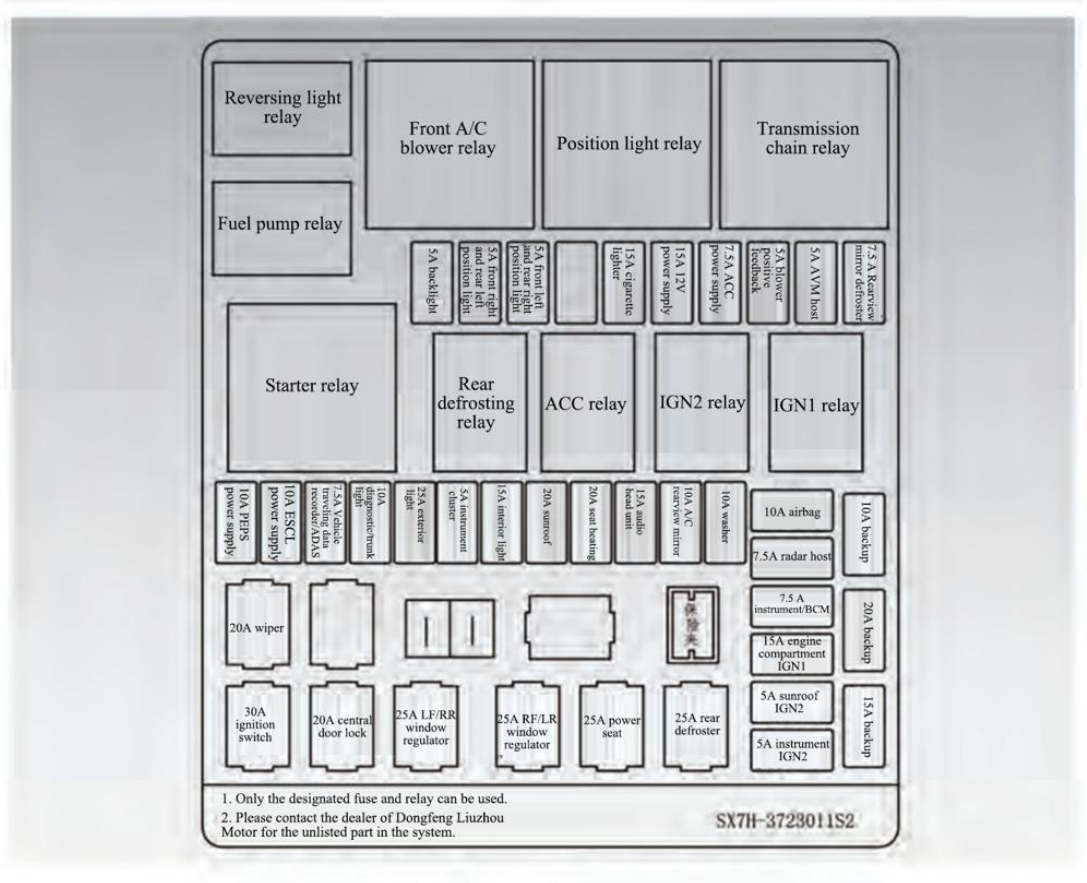
Type I



No.	Name	Rated current (A)	Description
SB01	Start switch fuse	30A	-
SB02	Door lock/rear washer fuse	20A	-
SB03	Front left/rear right window regulator fuse	25A	-
SB04	Front right/rear left window regulator fuse	25A	-
SB05	Power seat motor fuse	25A	-
SB06	Rear defroster fuse	25A	-
SB07	Front and rear wiper fuse	20A	-
FS01	PEPS fuse	10A	-
FS02	ESCL fuse	10A	-
FS03	Dashcam and wireless charging fuse	7.5A	-
FS04	Diagnosis/trunk light fuse	10A	-
FS05	Exterior light fuse	25A	-
FS06	Instrument cluster fuse	5A	-
FS07	Interior roof-mounted light fuse	15A	-
FS08	Sunroof fuse	20A	-
FS09	Seat heater fuse	20A	-
FS10	Audio head unit fuse	15A	-
FS11	A/C and rearview mirror switch fuse	10A	-
FS12	Front washer fuse	10A	-
FS13	Airbag fuse	10A	-
FS14	Radar fuse	7.5A	-

No.	Name	Rated current (A)	Description
FS15	Instrument cluster /BCM fuse	7.5A	-
FS16	Engine compartment IGN1 fuse	15A	-
FS17	Roof IGN2 fuse	5A	-
FS18	Instrument cluster IGN2 fuse	5A	-
FS22	Backlight fuse	5A	-
FS23	Front right and rear left position light fuse	5A	-
FS24	Front left and rear right position light fuse	5A	-
FS26	Cigarette lighter fuse	15A	-
SF26	On-board power supply fuse	15A	-
FS28	Instrument cluster ACC fuse	7.5A	-
FS29	Blower signal feedback fuse	5A	-
FS30	Panoramic image monitor fuse	5A	-
FS31	Rearview mirror heating fuse	7.5A	-

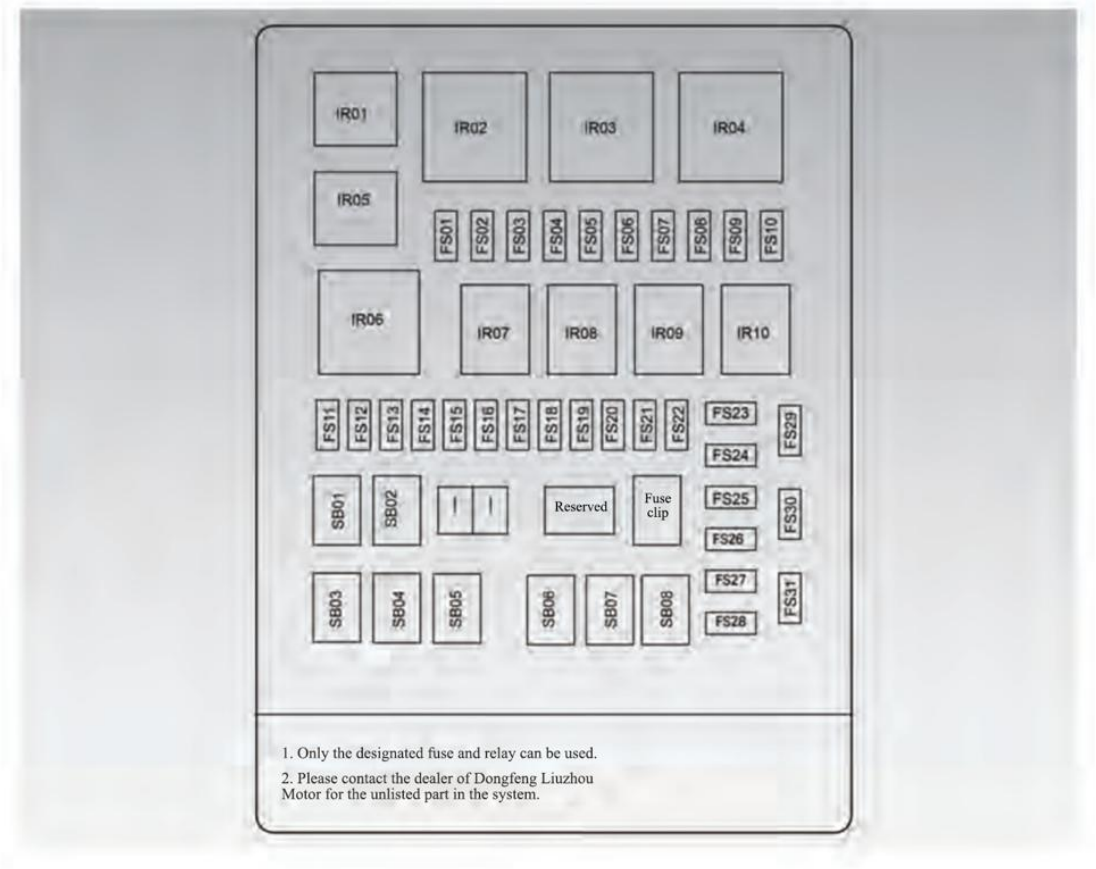
Type II



No.	Name	Rated current (A)	Description
SB01	Start switch fuse	30A	-
SB02	Door lock/rear washer fuse	20A	-
SB03	Front left/rear right window regulator fuse	25A	-
SB04	Front right/rear left window regulator fuse	25A	-
SB05	Power seat motor fuse	25A	-
SB06	Rear defroster fuse	25A	-
SB07	Front and rear wiper fuse	20A	-
SB08	Starter fuse	30A	-
FS01	PEPS fuse	10A	-
FS02	ESCL fuse	10A	-
FS03	Dashcam and wireless charging fuse	7.5A	-
FS04	Diagnosis/trunk light fuse	10A	-
FS05	Exterior light fuse	25A	-
FS06	Instrument cluster fuse	5A	-
FS07	Interior roof-mounted light fuse	15A	-
FS08	Sunroof fuse	20A	-
FS09	Seat heater fuse	20A	-
FS10	Audio head unit fuse	15A	-
FS11	A/C and rearview mirror switch fuse	10A	-
FS12	Front washer fuse	10A	-
FS13	Airbag fuse	10A	-
FS14	Radar fuse	7.5A	-

No.	Name	Rated current (A)	Description
FS15	Instrument cluster /BCM fuse	7.5A	-
FS16	Engine compartment IGN1 fuse	15A	-
FS17	Roof IGN2 fuse	5A	-
FS18	Instrument cluster IGN2 fuse	5A	-
FS22	Backlight fuse	5A	-
FS23	Front right and rear left position light fuse	5A	-
FS24	Front left and rear right position light fuse	5A	-
FS26	Cigarette lighter fuse	15A	-
SF26	On-board power supply fuse	15A	-
FS28	Instrument cluster ACC fuse	7.5A	-
FS29	Blower signal feedback fuse	5A	-
FS30	Panoramic image monitor fuse	5A	-
FS31	Rearview mirror heating fuse	7.5A	-

Type III



No.	Name	Rated current (A)	Description
FS01	Backlight fuse	5A	-
FS02	Front right and rear left position light fuse	5A	-
FS03	Front left and rear right position light fuse	5A	-
FS04	Start feedback fuse	5A	-
FS05	Cigarette lighter fuse	15A	-
FS06	12V power supply fuse	15A	-
FS07	ACC power supply fuse	7.5A	-
FS08	Blower positive feedback fuse	5A	-
FS09	AVM host fuse	5A	-
FS10	Rearview mirror defroster fuse	7.5A	-
FS11	PEPS power supply fuse	10A	-
FS12	ESCL power supply fuse	10A	-
FS13	Fuel pump fuse	15A	-
FS14	Diagnosis/trunk light fuse	10A	-
FS15	Exterior light fuse	20A	-
FS16	Instrument cluster fuse	5A	-
FS17	Interior light fuse	10A	-
FS18	Sunroof fuse*	20A	-
FS19	Seat heater fuse	20A	-
FS20	Audio head unit fuse	15A	-
FS21	A/C rearview mirror fuse	10A	-
FS22	Washer fuse	10A	-

No.	Name	Rated current (A)	Description
FS23	Airbag fuse	10A	-
FS24	Radar host fuse	7.5A	-
FS25	Instrument BCM fuse	7.5A	-
FS26	Engine compartment IGN1 fuse	15A	-
FS27	Sunroof IGN2 fuse	5A	-
FS28	Instrument panel IGN2 fuse	5A	-
FS29	Spare fuse	10A	-
FS30	Spare fuse	20A	-
FS31	Spare fuse	15A	-
SB01	Wiper fuse	20A	-
SB02	Starter fuse	30A	-
SB03	Ignition switch fuse	30A	-
SB04	Central control lock fuse	20A	-
SB05	Front left/rear right window regulator fuse	25A	-
SB06	Front right/rear left window regulator fuse	25A	-
SB07	Power seat fuse	25A	-
SB08	Rear defroster fuse	25A	-

Vehicle towing

Towing point

Type I

Type II

1. Towing point

If your vehicle requires towing service, please contact a professional vehicle towing service department or an authorized service station of Dongfeng Forthing. Do not tow your vehicle only with ropes or iron chains.

Towing method

Flatbed device

The operator can load the vehicle onto a truck. This is the best method to transport the vehicle.

Wheel lifting device

The tractor inserts two supporting arms into the bottom of the front wheels of the vehicle to lift the wheels off the ground, and the rear wheels are still on the ground. This is a feasible method to tow the vehicle.

Precautions for traction

- When wheel-lifting traction is adopted, the traction mileage should not exceed 80 km, and the speed should be kept below 30 km/h.
- In case of a front spoiler on your vehicle body, remove it to avoid of damages before towing. Do not lift or tow your vehicle from the bumper, which will cause serious damage.
- When installing the towing cable, pay special attention not to damage the vehicle body by the cable.
- If all-wheel landing traction is adopted, a device that is reasonably designed and attached with a towing bar must be used. Turn the Start switch to the ACC gear to unlock the steering wheel, and turn the gearshift lever to N gear.
- If the transmission cannot shift gears or start the engine, only wheel-lifting traction can be adopted.

Jump start

Introduction

If the engine cannot start due to a low battery, jumper cables can be used to start it with assistance from another vehicle's battery. Jumpering is dangerous and should be operated with caution.

Operation steps

1. Place the gearshift lever in P or N position, pull up the parking brake button or lever, and turn off the Start switch.
2. Connect the positive and negative poles of batteries on the two vehicles respectively with jumper cables, and the two vehicles shall not contact.
3. Start the engine and let it run at idle speed for several minutes.
4. After successful jump starting, remove

the negative cables of batteries on both vehicles first and then the positive cables.

△ Warning

The cooling fan and other operating parts of the engine may seriously injure people. Therefore, be sure to keep your hands away from the operating parts of the engine when the engine is running. When using jumper cables from other vehicles to start the engine, follow the proper procedures outlined in the User's Manual. Incorrect operation steps may cause fire, explosion or damage to the vehicle.

Engine overheating

Brief introduction

After the engine runs for a period of time, the coolant thermometer indication shall be stable at the middle scale position. If the coolant thermometer pointer is in the red zone, or if the high coolant temperature indicator illuminates or steam emerges from under the engine hood, stop the vehicle immediately for inspection.

Countermeasures

1. Safely drive the vehicle to the roadside, shift the gear lever to the P or N position, and then press the parking brake button or pull up the parking brake lever. Turn off all electrical accessories and turn on the hazard warning light.

2. With the engine running steadily, open the engine hood to ventilate the engine compartment and check if the radiator fan is spinning. Check whether the radiator fan rotates. If the fan does not rotate, shut down the engine immediately and contact an authorized service station of Dongfeng Forthing as soon as possible.

3. Once the engine coolant temperature has dropped to a normal level, turn off the engine.

4. Check the coolant level in the expansion tank. If the expansion tank is empty, be sure to open the expansion tank cover after the engine cools down. Otherwise, the filler may eject hot steam or boiling water, causing burns.

5. Add coolant to the expansion tank if necessary. Adding coolant immediately when the engine temperature is high may crack the cylinder head or cylinder block. Shut down the engine and add coolant after the engine cools down.

6. Check the radiator hose for coolant leakage. If the coolant level drops, add coolant to the MAX mark, and then install and tighten the expansion tank cover.

△ Warning

Do not open the engine hood if steam is leaking. Contact with steam or mist spray coming out from the overheated engine will cause severe scald. Be sure to wait until the engine and radiator cool down before opening the engine hood.

Long-term parking of vehicles

If the vehicle needs to be parked for a long time, the following measures shall be taken. Proper preparation aids in preventing vehicle condition deterioration and facilitates engine restart. It is recommended to park the vehicle indoors.

1. Add fuel and change engine oil and filter.

2. Clean the interior of the vehicle to ensure that the carpet and other trimmings are completely dry.

3. Pull up the parking brake button or the parking brake lever, place the gearshift lever in R position, and block the rear wheels with obstacles.

4. If the vehicle needs to be parked for a long time, use a jack to support the vehicle body so that the tires are off the ground.

5. Disconnect the storage battery negative cable.

6. Use folded washcloth or cloth to cushion the front wiper hanger so as to separate it off from the windscreen.

7. To reduce sticking, spray silicone lubricant on the sealing parts of all doors and the trunk lids, and apply vehicle body wax on the paint surface where the sealing strips of doors and trunk lids contact.

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

9. If possible, regularly run the engine for a moment to make it reach its operating temperature (Namely, start up and shut down the cooling fan twice). It is recommended to start the engine once a month.

Caution

If the vehicle has been parked for one year or more, it

may not be able to start or its maneuverability will deteriorate after starting. In this case, please contact an authorized service station of Dongfeng Forthing.

Repair and Maintenance

Engine compartment

Open the engine hood

1. Pull up the engine hood release handle at lower shield of left pillar, and then the engine hood will pop up slightly.

2. Move the safety lock lever in front of the engine hood leftward with fingers, and lift up the engine hood.

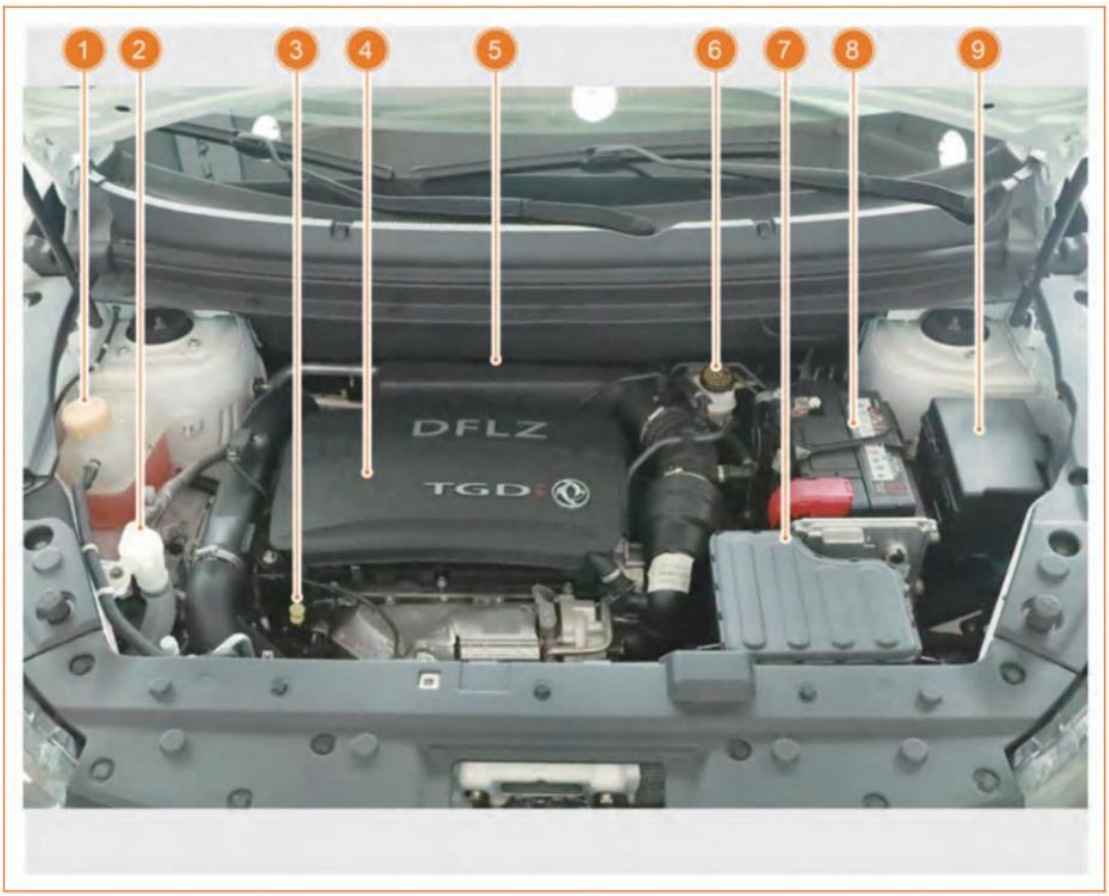
Close the engine hood

For models without pneumatic rods for the engine hood, lift the hood to approximately 30 cm above the closed position, then release it to allow it to fall freely before closing. For models with pneumatic rods, lower the hood to about 30 cm above the closed position, then push it down until it is fully closed. Observe the engine hood to ensure that it is locked in place.

Layout of engine compartment

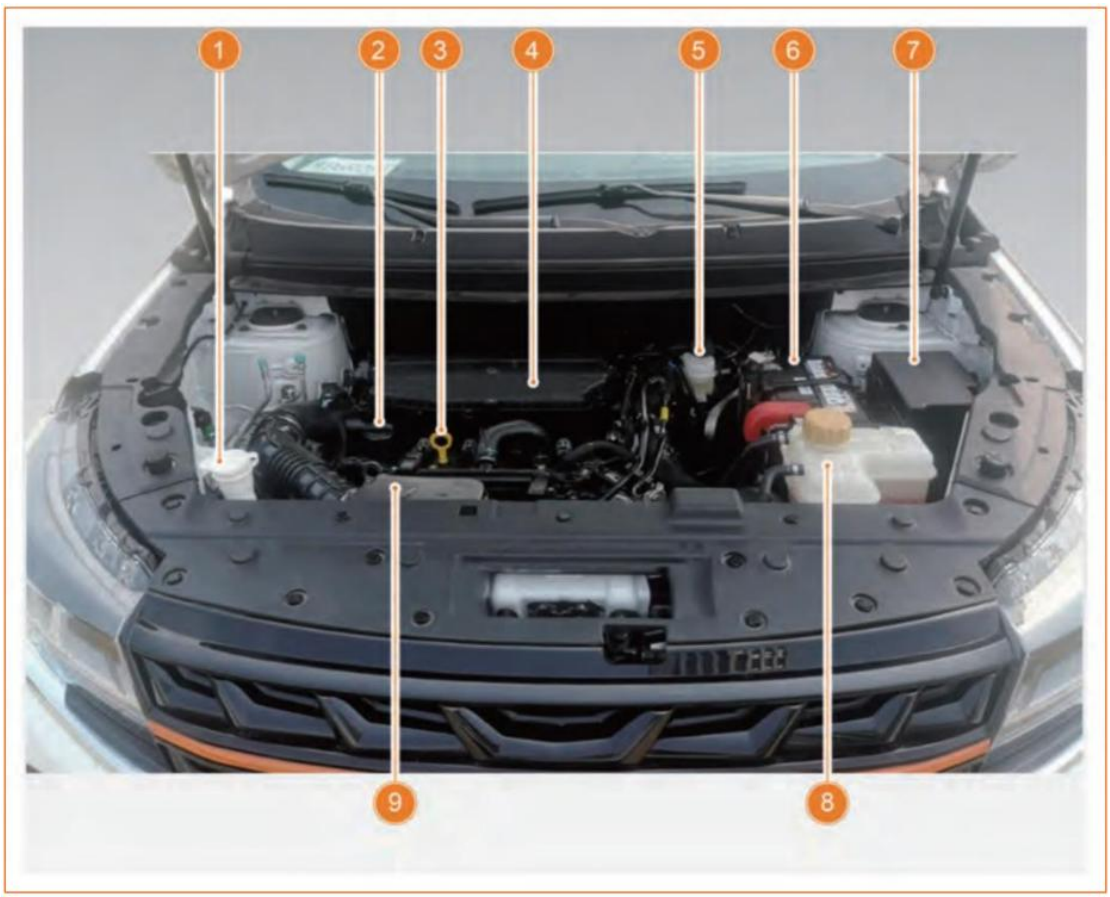
The picture is for reference only, and the actual vehicle shall prevail.

Type I



1. Coolant expansion tank
2. Washer fluid reservoir
3. Oil dipstick
4. Engine oil filler cap
5. Engine air filter
6. Brake fluid reservoir
7. Resonant cavity
8. Battery
9. Engine compartment fuse box

Type II



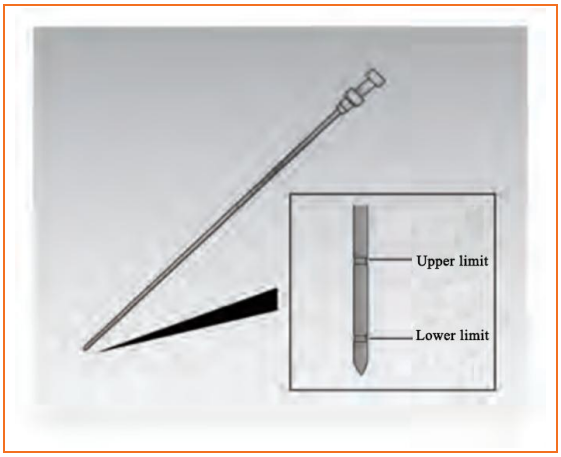
1. Washer fluid reservoir
2. Engine oil filler cap
3. Oil dipstick
4. Engine air filter
5. Brake fluid reservoir
6. Battery
7. Engine compartment fuse box
8. Coolant expansion tank
9. Resonant cavity

Engine oil inspection

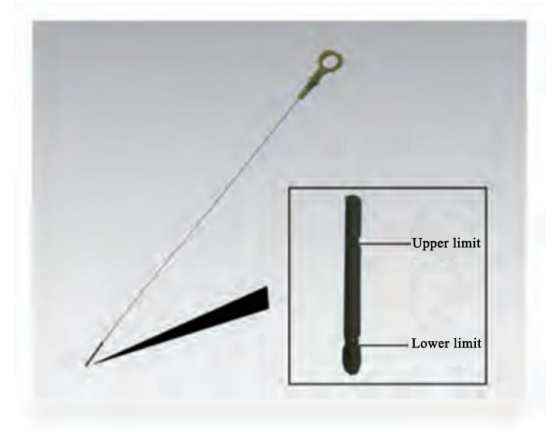
Engine oil inspection method

Engine oil is a consumable to ensure the normal operation of engine, and its level shall be checked regularly. For example, check the engine oil before each long-distance travel. Park the vehicle on a flat road surface to warm up the engine. Shut down the engine, wait for about 3 min, and then check the engine oil level.

Engine oil level type I



Engine oil level type II



1. Take out the oil dipstick.

2. Use clean cloth or tissue to clean the oil dipstick.

3. Insert the oil dipstick back to the sleeve completely.

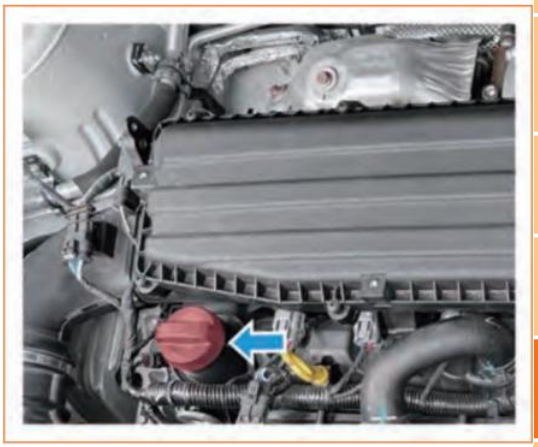
4. Take out the oil dipstick again to check the engine oil level, which must be between the notch marks of the upper and lower limits.

△ Warning

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

Engine oil filling type I

Engine oil filling type II



1. Unscrew the engine oil filler cap and add engine oil.

2. Install the engine oil filler cap and tighten it. Warm up the engine, then shut down the vehicle. After approximately 3 minutes, check the engine oil level on the dipstick again.

△ Warning

Pour engine oil slowly to avoid its overflow. Clean spilled engine oil immediately to avoid damage to the engine. Add engine oil as required until the level is close to the upper limit to avoid damage to the engine.

Recommended engine oils

Engine oil plays a crucial role in the performance and longevity of the engine. Use high-quality, refined oil to ensure optimal engine performance. To maintain superior driving performance, it is recommended to use the engine oil designated by Dongfeng Forthing.

Please select suitable engine oil

Applicable conditions	Model	Oil grade	Filling amount

Whole year	CE16	0W-30 or A5/B5	4.0L
	4J15T	SL level and above 5W−30	2.5±0.2L
	DFMB 18TQA	SN5W-30/ SP5W-30	5.8 L (replace the oil filter) 5.2 L (do not replace the oil filter)
	DFMC 15TP1	SP0W-20	4±0.2L
	4C16NR	SN5W-30/ SP5W-30	4±0.1 L (without replacing the oil filter) 3.8±0.1 L (without replacing the oil filter)
	4A92	SL level and above 5W−30	3.5±0.1L

Engine oil additives

Forthing T5 vehicle does not need any engine oil additives. Additives do not improve the performance or durability of the engine and transmission.

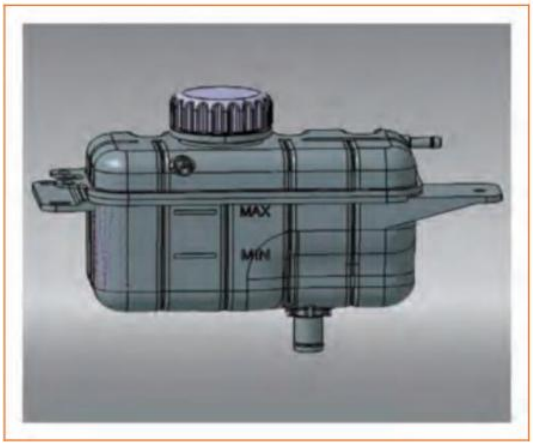
Caution

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

Coolant

Inspection of the coolant

Type I



Type II

Check whether the coolant level is between the upper limit (MAX) and the lower limit (MIN) marks. If it is lower than the MIN mark, add coolant to the coolant expansion tank to the upper limit position.

Filling of the coolant

Open the expansion tank cover to add the coolant. After adding the coolant, put on the cover and tighten it. Do not mix coolants of different brands; otherwise, chemical reactions may easily occur, affecting the service life of the drive motor. Please always use the four-season antifreeze coolant designated by Dongfeng Forthing. Please do not replace antifreeze coolant with antifreeze and water.

△ Warning

When the engine is not completely cooled, opening the expansion tank cover may cause the coolant to eject, resulting in serious scald. Before opening the expansion tank cap, make sure that the engine and radiator have cooled down.

Brake Fluid

Inspection of brake fluid level

Type I

Type II

1. Inspect the level of the fluid reservoirs of the brake and clutch once a month.

2. Be sure to use the brake fluid designated by Dongfeng Forthing or DOT4 products of the same grade packaged in closed containers approved by Dongfeng Forthing. Do not mix different brake fluids.

3. Make sure that the level shall be between the lower limit (MIN) and upper limit (MAX) marks on the fluid reservoir wall. If the fluid level is at or below the lower limit (MIN) mark, check whether the brake system leaks and whether the brake pads are seriously worn.

Replacement of brake fluid

The brake fluid absorbs moisture from the air. Excessive moisture content can cause corrosion and damage to the brake system, and it will also significantly lower the boiling point of the brake fluid. Therefore, please replace the brake fluid in a timely manner according to the requirements of the regular maintenance schedule. For brake fluid maintenance, contact an authorized service station of Dongfeng Forthing.

△ Warning

- Do not mix the brake fluid with liquids containing mineral oil (engine oil, gasoline, etc.), because mineral oil will damage the seals and sealing plugs of the braking device.
- The brake fluid is toxic and should be kept out of the reach of children. Once swallowed by mistake, go to the hospital immediately for examination.
- The brake fluid is corrosive and shall not be allowed to contact with paint. Once it overflows onto the paint, wash it off with plenty of water.
- Brake fluid may damage the skin. If it accidentally splashes on the skin or eyes, wash with plenty of water. If you feel unwell, go to the hospital immediately for examination.

Maintenance and technical requirements of brake fluid

1. The brake fluid maintenance interval is every 2 years or 40,000 kilometers, whichever comes first.

2. The technical requirements for brake fluid shall comply with the relevant provisions of GB12981.

Inspection of glass washer fluid

Check whether there is enough washer fluid in the washer fluid reservoir. If no water is sprayed by using the wiper spraying function, you may need to add more fluid to the glass washer reservoir.

Caution

- High-quality windscreen washer fluid can improve the decontamination ability and prevent freezing in cold weather.
- Antifreeze will damage the paint on vehicle surface, and vinegar solution will damage the water pump of windscreen washer. It is recommended to use the windscreen washer fluid specified by Dongfeng Liuzhou Motor Co., Ltd.
- If ethanol based detergent is used, the ethanol content of the detergent should not exceed 24%

A/C System

Maintenance of A/C system

It is recommended that any important maintenance work of the vehicle's A/C system, such as recharging the refrigerant, should be done by certified technicians, as it is an enclosed system. You can carry out the following operations to ensure work efficiency of the A/C system.

Check the engine radiator and A/C condenser regularly. Remove leaves, insects and dust accumulated on the front surface.

These deposits will hinder airflow, thereby compromising the refrigeration effect.

Caution

- The fins of the condenser and radiator are highly susceptible to bending. Only low-pressure water gun or soft brush can be used for cleaning.
- During cold weather months, run the A/C at least once a week for a minimum of ten minutes, ensuring that the vehicle is at a constant speed and the engine temperature is normal. This is to circulate the lubricating oil contained in the refrigerant.
- If the refrigeration effect of the A/C system decreases, please contact an authorized service station of Dongfeng Forthing.
- A service station is required to ensure that the refrigerant recirculation system is used whenever the A/C system is repaired. The refrigerant recirculation system can recycle refrigerant; otherwise, releasing it into the atmosphere will harm the environment.

Dust and pollen filter

The dust and pollen filter can remove the pollen and dust brought in by the heating and cooling system from the outside.

The filter must be replaced at a regular maintenance interval of 20, 000 km.

Replace

The dust and pollen filter is located inside the front passenger' s glove compartment.

1. Open the front passenger storage box.
2. Squeeze the upper and lower sides of the dust and pollen filter to disengage the tabs on both sides and remove the filter.
3. Insert a new dust and pollen filter.
4. Close the front passenger storage box.

When the A/C is not used for a long time

Even in cold weather, run the A/C for at least 5 minutes every two weeks. This is to prevent the lubrication of parts inside the compressor from deteriorating, so as to keep the A/C in the best operating state.

Air Filter

Type II

Type II

Type III

Type IV

Replace the air filter element according to the time and mileage specified in the regular maintenance table. If the air filter is installed improperly, it is easy for airborne dust to enter and cause abnormal wear of the cylinder block. If the filter element needs to be replaced, please contact an authorized service station of Dongfeng Forthing.

Fuel filter

Replace the fuel filter according to the time and mileage specified in the regular maintenance table. It is recommended to replace the fuel filter every 3 years or 60,000 km or when you find that the fuel is contaminated. When the vehicle runs in a dusty area, the filter is blocked more easily. Please shorten the replacement mileage appropriately. If you need to replace the fuel filter, please contact an authorized service station of Dongfeng Forthing.

Battery

The battery is located on the left side of the engine compartment and primarily provides power for engine startup. If the battery voltage is severely insufficient, the engine will fail to start. The vehicle is equipped with maintenance−free battery.

Battery use and precautions

- Do not use electrical appliances such as light, sound and wiper for a long time when the engine stops.
- If you plan to park the vehicle for more than five days, it is recommended to unplug the negative terminal of the battery to prevent on-board electrical appliances from consuming battery power.
- After parking, check whether such electrical appliances as light, sound and A/C are shut down.
- Check the battery once a month. Check its terminals for corrosion degree (white or faint yellow powder). In case of corrosion, please contact an authorized service station of Dongfeng Forthing.

Emergency treatment for contacting electrolyte

Battery electrolyte is highly corrosive and toxic. In case of accidental contact, please handle it as follows:

- Eyes: use a cup or other vessel with water to wash the eyes for at least 15 min and go to a doctor in time.
- Skin: Take off contaminated clothes, wash skin with plenty of water, and seek medical advice immediately.
- If electrolyte is mistakenly ingested: Drink water or milk and seek medical attention immediately.

△ Warning

- If you have to connect the battery to other chargers, you shall disconnect both positive and negative cables of the battery so as to prevent the electrical appliances in the vehicle from being damaged. Disconnect the negative cable first. During re-connection, it shall be connected last.
- During the normal operation, the battery may generate explosible hydrogen. Spark or open fire will cause the batter to explode, which may lead to severe damages and injuries.

Tire

In order to drive safely, tire type and size must be suitable for the vehicle. The tire tread should be in good condition and the tire pressure should be within the standard range.

The following pages will detail how to maintain and replace tires.

Note:

- Using tires with excessive wear or insufficient tire pressure will cause accidents and personal injuries.
- All descriptions about tire inflation and maintenance in the Manual must be complied with.

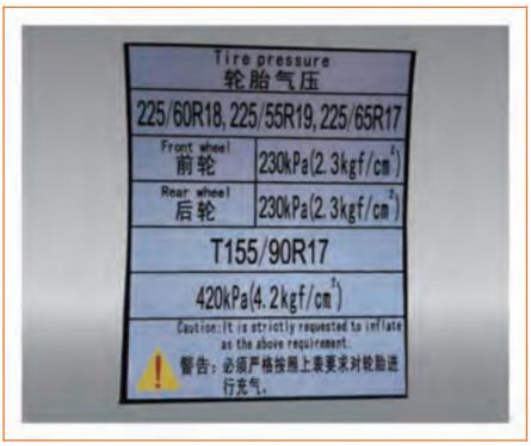
Overview of inflation

Make sure that tires have a proper pressure, which can provide the best combination of maneuverability, tread life and driving comfort.

Tires that are insufficiently inflated will suffer uneven wear, affecting operation and fuel consumption and even suffering air leak due to overheating.

Over-inflated tires will reduce the riding comfort, are more likely to be damaged due to uneven road surfaces and wear unevenly.

Tire pressure label



Tire pressure labels are attached on the vehicle. The label is located below the door frame on the driver's side, indicating the front and rear tire pressure and spare tire pressure of the vehicle.

For tire pressure, pay attention to the following points:

- It is recommended to visually inspect the tires before each drive.
- Measure the tire pressure with a tire gauge at least once a month.
- Measure the tire pressures when the tires are cold.
- If necessary, inflate or deflate the tire to match the cold tire pressure recommended on the driver's side door frame label.
- If the tire pressure is checked when the tire is hot (after several kilometers of driving), the pressure reading will be 30 to 40 kPa higher than the reading in cold state. This phenomenon is normal. Do not deflate to reach the specified cold tire pressure reading, which will cause insufficient tire pressure.
- You shall carry a tire pressure gauge and use it to check tire pressure every time.

Tire inspection

When checking the inflation state of the tires, check the tires for damage, penetration, and wear. You should check:

1. Tread or side injury or protrusion; if you identify any such condition, replace the tire. If any of the conditions is found, replace the tire.

2. Tyre side scratches, cracks or breaks; if the tire fabric or cord thread is visible, replace the tire. If the tire fabrics or cords are exposed, replace the tire.

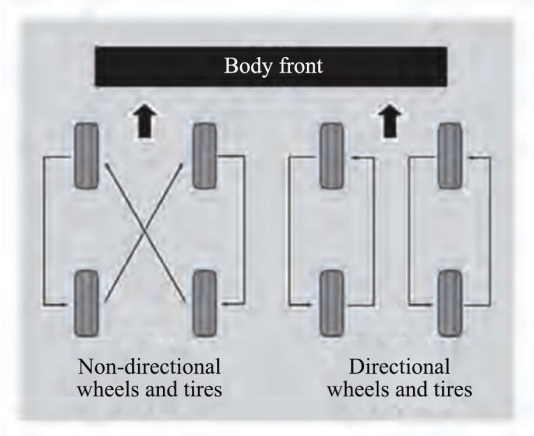
3. Excessive tread wear.

The tire must be kept in good condition, and the tread pattern on the tire surface shall be deep enough. The tire wear degree can be measured by the raised points in the tire driving belt. If the tread thickness is 1.6 mm, the tire must be replaced. Such tire lacks adhesion when driving on a slippery road.

Tire maintenance

In addition to proper inflation, correct wheel alignment also helps to reduce tread wear. If you find that the tires are worn unevenly or you feel some continuous vibration during driving, please contact an authorized service station of Dongfeng Forthing.

Tire rotation



To extend the service life of tires and allow tires to wear evenly, the positions of tires shall be changed once a vehicle has traveled for 10,000 km. Each time of transposition, the operation shall be carried out according to the method shown in the above figure.

Tire and wheel replacement

Select radial tires with the same size, load

range, rated speed and maximum cold tire pressure (indicated on the tire side) for replacement. Mixed use of radial and diagonal tires may reduce the vehicle's braking capacity, driving force (ground adhesive force) and steering accuracy. Using tires of different sizes or structures will cause ABS failure to work normally.

The anti-lock brake system (ABS) works by comparing the speed of wheels. Therefore, when replacing tires, be sure to use tires with the same size as the original ones. The size and structure of tires will affect the wheel speed and may cause inconsistent system operation. It is best to replace all four tires at the same time. If it is not possible or not necessary to do so, the two front tires or rear tires shall be replaced in pairs. Replacing only one tire will seriously affect the maneuverability of the vehicle.

If the wheel needs to be replaced, make sure that the specification of the new wheel is consistent with that of the original wheel. Before replacing the wheel, please contact the authorized service station of Dongfeng Forthing.

Wheel and tire specifications

Rim specifications:

19×7J, 19×6.5J, 18×7J, 18×6.5J, 17×6J, 17×6.5J, 16×6.5J, 17×7J

Tire specifications:

225/55R19, 225/60R18, 215/65R16, 215/60R17

For tire sizes suitable for this vehicle, refer to the label at the driver's side door frame or consult an authorized service station of Dongfeng Forthing.

Winter tire

It is recommended to use winter tires on icy and snowy roads due to the limited applicability of summer tires in winter. When installing winter tires, four wheels shall be installed at the same time to ensure safe driving. Only tires of the same brand and shape can be used.

When purchasing, pay attention to the tire size, load capacity and speed grade. Install the winter tires according to the marks on the registration card.

If you use winter tires with a lower rated speed, do not exceed the maximum rated speed of the tires when driving.

Anti-skid chain

Snow anti-skid chains can only be used in emergency situations or when driving through specific areas expressly stipulated by law.

Snow anti-skid chains should be installed on at least two driving wheels at the same time. It is forbidden to install anti-skid chain on only one front or rear wheel. Do not install anti-skid chains on one side of two left wheels or two right wheels. For specific installation precautions, please follow the instructions of the anti-skid chain manufacturer. The suggestions provided in the Manual are for reference only. The actual installation shall be subject to the communication result between the vehicle owner and the anti-skid chain manufacturer.

After antiskid chains are installed, the vehicle has poor maneuverability. Drive at a low speed and avoid full load. Select antiskid chains that match with tires. Please read the component assembly drawing and other instructions of the anti-skid chain manufacturer carefully.

TPMS

The tire pressure monitoring system is used to dynamically monitor the tire pressure and temperature. When the tire pressure is abnormal, the instrument cluster will display corresponding alarm information (see "Tire pressure" in Chapter II "Instrument cluster" for details). Pay attention to the following matters when using the tire pressure monitoring system.

1. Keep the tire inflation pressure near the standard pressure as far as possible.

2. If the tire pressure sensor is not replaced due to tire repair, removal or other reasons and the original tire pressure sensor has not been damaged by installing or removing a tire, there is no need to re-match the tire pressure sensor.

3. When the vehicle is stationary, the tire pressure sensor will not send data to the outside. It only sends data when the vehicle is running. Therefore, the tire pressure information displayed at a standstill is that of the last time the vehicle was in operation. Therefore, after deflation or inflation of tires, if it is necessary to update the tire pressure data, drive the vehicle at a speed above 30 km/h for 1 minute, and then the tire pressure and temperature data can be updated on the

instrument cluster.

4. After the vehicle tires are rotated and the positions of the tire pressure sensors change, the tire pressure shall be matched again.

On-board tools and reflective vests

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

The on-board tools are stored in the clamping foam right above the spare tire. The reflective vest is placed in the front passenger storage box.

Regular maintenance

Daily inspection items

Item	Inspection contents
Engine oil level	The engine oil level should be checked at each refueling.
Engine coolant level	The coolant level should be checked at each refueling.
Brake pedal	Check the brake pedal for its maneuverability before driving each time.
Parking brake control lever	/
Horn	Check whether the horn is normal before driving each time.
Door	Check whether the trunk lid and all other doors (including rear-row doors) can be opened/closed freely and locked firmly.
A/C system	The operation of A/C unit shall be checked weekly.
Windshield washer fluid	The stock of washing liquid should be checked once a month.
Windshield wiper	Check the wiper once a month.
Brake and clutch	Check the fluid level once a month.
Tires	Check the tire pressure once a month. Check the tread for wear and foreign matters.
Battery	Check the battery condition and terminal corrosion once a month.
Windshield defroster	Check the air outlet of defroster every month when using the heater and A/C.
Lights	Check the condition of headlights, clearance lights, tail lights, high-mounted brake lights, and license plate lights once a month.

Appearance maintenance

Regular and professional maintenance can keep the vehicle in good condition. The following will introduce how to keep the appearance of the vehicle clean, including paint, polishing and wheel cleaning, as well as anti-corrosion measures.

Vehicle washing

Frequent washing helps preserve the vehicle's appearance. Dust and grit will scratch the paint surface, and leaves and bird droppings will permanently damage the surface finish of the vehicle body. Clean the vehicle body at a shade place. If the vehicle has been parked under sunlight for a long time, before cleaning it, drive it to a shade place. Clean the vehicle after the surface of the vehicle body is cooled.

Use only solvents and cleaning agents recommended in the User Manual. As drying the vehicle, check it for chips or scratches. If any, repair it with refinishing paint.

Caution

- The chemical solvent and high-effective detergent will damage the paint, metal and plastic parts of the vehicle body. Use cold water to wash the vehicle completely so as to clear floating dust.
- Check the vehicle body for asphalt, leaves and other dirt. If any, remove such dirt with asphalt remover or turpentine, and then wash it immediately with clean water to avoid damaging the surface finish of the vehicle body.
- After you have cleaned the entire body surface, wipe it dry with a soft towel. Natural drying in the air will cause loss of luster or formation of water stains on the exterior of the vehicle body.

Waxing

Vehicle waxing is helpful to prevent adhesion of dust and chemicals on the road. Wax the vehicle only after thoroughly cleaning and drying it, and wax it at least once every three months, which helps to protect the body. Please use high quality liquid wax or paste wax. When using, refer to the instructions on the packaging. There are generally two types of products:

1. Body wax

Body wax is a kind of wax applied on the paint surface to protect it from sunlight, air pollution and other damages. Apply this type of wax to a newly purchased vehicle.

2. Polishing wax

Polishing wax can repair the paint that has been oxidized or lost its gloss, making it glossy again. Such waxes generally contain soft abrasives and solvents to remove oxidized paint surfaces. If the original gloss cannot be restored after the body wax is applied, polishing wax shall be applied.

Caution

When the detergent is used to remove such pollutants as pitch and insects, dewaxing may occur. Therefore, it is necessary to replenish wax in the dewaxing position.

Refinishing

Small cracks and scratches on the paint coating shall be repaired immediately with a special repair film or repair paint to prevent corrosion.

Aluminum alloy wheel

When cleaning other areas of the vehicle's exterior, be sure to also clean the aluminum alloy wheels. After cleaning with the same solution, rinse it thoroughly with water.

Front compartment gutter channel

The front compartment gutter channel is located in front of the front windshield, below the wiper cover. It is a very important waterway flow passage structure in the front of the vehicle, and all models are equipped with this structure.

Check the drainage condition of the front compartment gutter channel every 5000 km to ensure that the area above the front compartment gutter channel (wiper cover) is clean and tidy as far as possible, so as to avoid damage to relevant electrical equipment due to blockage or water accumulation in the drain hole and aqueduct inside the gutter channel. In case of blockage and water accumulation, please contact an authorized service station of Dongfeng Forthing in time.

Vehicle sealing strip

The sealing strip is a rubber sealing part installed on the door or vehicle body. It is one of the parts that ensure the waterproof sealing of the door and belongs to other parts.

During the use of the vehicle, the surface of the sealing strip shall be cleaned in time to avoid excessive wear caused by gravel or hard particles on the surface of the sealing strip. If the warranty period of parts expires, or if any wear and damage is found on the surface of sealing strip, please contact an authorized service station of Dongfeng Forthing in time.

Interior maintenance

Carpet

The dust on the carpet should often be cleaned by a vacuum cleaner. Excessive dust accumulation will accelerate the damage of the carpet. Regularly washing carpets with detergent will keep them in better condition.

Fabric

The dust and dirt on the fabrics would often be cleaned by a vacuum cleaner. Wash with low-temperature neutral soapy water and dry in the air.

Vinylon

Use a dust collector to remove the dust and pollutants. Scrub the vinylon with a soft cloth soaked in neutral soapy water to remove stains that are difficult to remove. Or use a spray or foam type vinylon cleaner.

Leather

Frequently use a dust collector to remove the dust and pollutants, especially those at the folds and joints. Clean the leather with a soft cloth dipped in clean water, and then wipe it dry with another soft dry cloth. If further cleaning is required, special soap for leather can be used.

Window

Use the glass detergent to clean both interior and exterior sides of the windows. Dry all glass and plastic surfaces with a soft cloth or paper towel.

Seat belt

If the seat belts are dirty, use a soft brush

with neutral warm soapy water to wipe the seat belts clean. Do not use bleaching powder, dye or cleaning solvent because such things will reduce the durability of the seat belt. Do not use the seat belt before it becomes dry.

In case of lots of accumulated dust at the connecting loop of the seat belt connector, the retraction of the seat belts will be slowed down. The inner side of the loop can be scrubbed with a clean soft cloth dipped in neutral warm soapy water or isopropyl alcohol. It is not recommended to disassemble the seat belt for cleaning. If the seat belt must be disassembled before cleaning, please contact an authorized service station of Dongfeng Forthing.

Air freshener

If it is necessary to use air freshener or deodorant in the vehicle, it is recommended to select solid type. Some chemical components contained in liquid air freshener will cause fiber breakage or fading of interior trims and braided fabrics.

If using liquid air freshener, ensure it is securely fastened to prevent splashing while driving.

Corrosion resistance

Vehicles are usually corroded for two reasons:

1. Moisture accumulated in the vehicle's body cavities.

2. Peeling of the protective paint and coating on the body surface and underbody.

Emission control

Exhaust emission system

The exhaust emission control system is a high-efficiency system, which can control the exhaust emission while maintaining good vehicle performance.

The modification of the vehicle's exhaust emission control system in any form is prohibited, otherwise it may affect vehicle maneuverability, safety, and stability, and may even violate the regulations on Safety and Exhaust Emission.

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

Technical Parameters

Engine Compartment

Vehicle identification information

Your vehicle has various identification codes respectively at different positions.

1. The vehicle's factory nameplate is at the lower external surface of the middle column at the right side of the vehicle body.

2. The VIN is engraved on the metal plate of right hubcap in engine compartment.

3. The engine No. is marked on the engine unit.

4. The transmission No. is marked on the label on the top of the transmission.

5. The VIN is pasted on the left side of instrument panel body assembly.

6. VIN is pasted on the right side of trunk lid inner panel.

7. The VIN is pasted on the transmission surface.

8. The VIN is pasted on the inner side of the storage box.

9. The VIN is pasted on the inner side of right pillar-B inner plate.

10. The VIN is pasted on the middle part of A-pillar inner plate of front right wall.

11. The VIN is pasted on the front of inner plate of engine hood.

Vehicle factory nameplate

The factory nameplate of the vehicle contains the following information:

1. Country of manufacture
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 engine net power
10. Number of passengers
11. Manufacturing date

Caution

- Using the X431 diagnostic scanner, access the engine EMS system via the OBD diagnostic interface, and read the VIN information from the engine ECU version details. The Launch X431 diagnostic scanner can be purchased at an authorized Dongfeng Forthing service station or on the official website.
- Use the OBD II scan tool to read the vehicle VIN information through the OBD diagnostic interface.
- The above VIN reading tools are not equipped with the vehicle. If you need to purchase them, please contact an authorized service station of Dongfeng Forthing.

Microwave window

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

The electronic identification of the vehicle should be installed in the middle and left of the microwave window. It shall not be blocked by the interior rearview mirror mounting bracket, sensor bracket, etc. This sign stores information about the vehicle.

Caution

- Please keep the front windshield clean and dry. Do not paste film or metal materials on the microwave window to ensure standard installation of vehicle electronic identification and effective data reading.
- Do not cover, squeeze or remove the electronic identification of the vehicle! If the sign is damaged, please apply again at the sign issuing agency in time.

Engine No.

CE16 Engine number label position

DFMB18TQA Engine number label position

4A92 Engine number label position

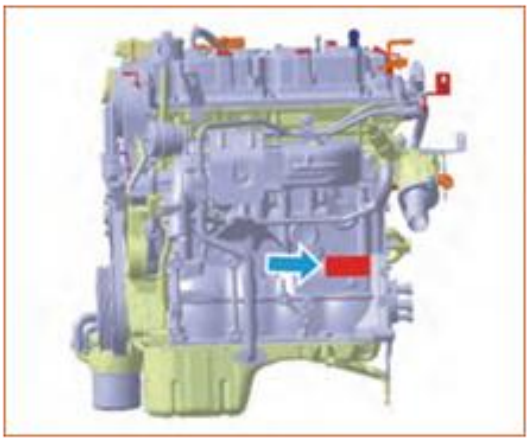
CE16 Engine number engraving position

DFMB18TQA Engine number engraving position

4A92 Engine number engraving position

DFMC15TP1 Engine number engraving position

4J15T Engine number engraving position



4C16NR Engine number engraving position

Main dimensional parameters of vehicle

Item	Unit	1.8T/6MT	1.5T/6AT	1.6T/6MT	1.6T/7DCT	1.5T/7DCT	1.6L/CVT	1.6L/5MT
Vehicle length	mm	4780	4780	4780		4785	4545	4545
Vehicle width	mm	1872	1872	1872		1872	1855	1855
Vehicle height	mm	1775	1775	1760		1775	1765	1765
Front wheel tread	mm	1575	1575	1575		1575	1540	1540
Rear wheel tread	mm	1575	1575	1575		1575	1545	1545
Wheelbase	mm	2753	2753	2753		2753	2720	2720

Vehicle mass parameters

Item	Unit	1.8T/6MT		1.5T/6AT		1.6T/6MT	
Number of passengers	Persons	5	7	5	7	5	7
Curb mass	kg	1610	1635	1590	1665	1620	1655
Front axle curb mass	kg	890	865	896	900	905	900
Rear axle curb mass	kg	720	770	694	765	715	755
Maximum mass	kg	1985	2160	1965	2190	1995	2180
Maximum mass of front axle	kg	1013	977	1019	1015	1050	1050
Maximum mass of rear axle	kg	972	1183	946	1175	945	1130

Item	Unit	1.6T/7DCT		1.5T/7DCT		1.6L/CVT	1.6L/5MT
Number of passengers	Persons	5	7	5	7	5	5
Curb mass	kg	1630	1660	1585	1635	1430	1395
Front axle curb mass	kg	910	920	885	880	845	825
Rear axle curb mass	kg	720	740	700	755	585	570
Maximum mass	kg	2005	2185	1960	2160	1805	1170
Maximum mass of front axle	kg	1070	1065	1010	1000	990	970
Maximum mass of rear axle	kg	935	1120	950	1160	815	800

Engine parameters

Engine model	Unit	DFMB18TQA	4J15T	CE16	DFMC15TP1	4C16NR	4A92
Types	-	In-line four-cylinder, water-cooled engine	In-line four-cylinder, Water-cooled engine	Water-cooled in-line four-cylinder, four-stroke, multi-point sequential injection, turbocharged, direct cylinder injection	Water-cooled in-line four-cylinder, four-stroke, turbocharged, direct cylinder injection	In-line four-cylinder, 16-valve, Double overhead camshaft	
Displacement	L	1.796	1.468	1.598	1.476	1.646	1.59
Cylinder diameter × stroke	mm	φ82×85	φ75.5×82	φ77×85.8	φ73×88.18	φ75×93.13	φ75×90
Compression ratio	-	11±0.3:1	9±0.2:1	10.5:1	10.5:1	11.2:1	10.5:1
Rated power	kW/rpm	121/5000	115/5000	150/6000	145/5200	90/5600	90/6000
Maximum net power	kW/rpm	118/5000	106/5000	142/6000	140/5200	80/5600	80/6000
Maximum net torque	Nm/rpm	240/1500~4000	215/1750~4600	270/1600~4000	300/2000~4000	162/4000	151/4000
Ignition order	-	1-3-4-2					
Overall emission level	-	China VI b	China VI b	China V	China VI b	China VI b	China V/China VI b

Chassis main assembly

Item		1.8T/6MT	1.5T/6AT	1.6T/6MT	1.6T/7DCT
Transmission type		6MT	6AT	6MT	7DCT
Suspension system	Front suspension	MacPherson type independent suspension + horizontal stabilizer bar			
	Rear suspension	Multi-link independent rear suspension			
Steering system	Power steering type	Electric power steering			
Braking system	Structural type	Dual-circuit hydraulic brake system with hydraulic braking, vacuum booster, ESP and front and rear disc brakes			
	Front brake	Ventilated disc type			
	Rear brake	Solid disc type			
	Brake clearance with vacuum booster and brake master cylinder assembly	1.75 ± 0.25mm			
	Brake clearance of front and rear brakes	0.3 ± 0.1mm			
	Free Stroke of Brake Pedal	1mm~12mm			

Item		1.5T/7DCT	1.6L/CVT	1.6L/5MT
Transmission type		7DCT	CVT	5MT
Suspension system	Front suspension	MacPherson type independent suspension + horizontal stabilizer bar		
	Rear suspension	Multi-link independent rear suspension	Torsion beam type non-independent rear suspension	
Steering system	Power steering type	Electric power steering	Hydraulic steering	
Braking system	Structural type	Dual-circuit hydraulic brake system with hydraulic braking, vacuum booster, ESP and front and rear disc brakes		
	Front brake	Ventilated disc type		
	Rear brake	Solid disc type		
	Brake clearance with vacuum booster and brake master cylinder assembly	1.75 ± 0.25mm		
	Brake clearance of front and rear brakes	0.3 ± 0.1mm		
	Free Stroke of Brake Pedal	1mm~12mm		

Reasonable service range of brake

Front wheel brake disc	Setting value (mm)	25/30
	Service limit (mm)	23/28
Front wheel brake pad	Setting value (mm)	10/11
	Service limit (mm)	2/2
Rear wheel brake disc	Setting value (mm)	12/14
	Service limit (mm)	10/12
Rear wheel brake pad	Setting value (mm)	11/10
	Service limit (mm)	2/2
Parking brake shoe	Setting value (mm)	/
	Service limit (mm)	/

Vehicle power performance

Item	Unit	1.8T/6MT	1.5T/6AT	1.6T/6MT	1.6T/7DCT	1.5T/7DCT	1.6L/CVT	1.6L/5MT
Maximum speed	km/h	175	160	175		180	155	155
Maximum gadeability	%	30	30	30		30	30	30

Vehicle trafficability

Item	Unit	1.8T/6MT	1.5T/6AT	1.6T/6MT	1.6T/7DCT
Approach angle (no load)	°	19	19	19	
Departure angle (no load)	°	22	22	22	
Minimum Turning Diameter	m	11.5	11.5	11.5	
Minimum ground clearance	mm	195 (no load) 180 (full load)	195 (no load) 170 (full load)	195 (no load) 175 (full load)	200 (no load) 180 (full load)

Item	Unit	1.5T/7DCT	1.6L/CVT	1.6L/5MT
Approach angle (no load)	°	19	17	17
Departure angle (no load)	°	22	24	24
Minimum Turning Diameter	m	11.5	11.5	11.5
Minimum ground clearance	mm	Five-seat: 195 (no load) / 175 (full load) Seven-seat: 195 (no load) / 170 (full load)	175 (no load) 160 (full load)	175 (no load) 160 (full load)

Fluid list

Item	Specification	Capacity
Gasoline	RON92# or above	55L
Engine oil (DFMB18TQA)	SN 5W-30 or SP 5W-30	5.8 L (replace the oil filter) 5.2 L (do not replace the oil filter)
Engine oil (4J15T)	SL level and above 5W-30	2.5±0.2L
Engine oil (CE16)	0W-30 or A5/B5	4.0L
Engine oil (DFMC15TP1)	SP 0W-20	4±0.2L
Engine oil (4C16NR)	SN 5W-30/SP 5W-30	4L+0.1L (replace the oil filter) 3.8L+0.1L (do not replace the oil filter)
Engine oil (4A92)	SL level and above 5W-30	3.5±0.1L
Engine coolant (DFMB18TQA)	OAT-35	9±0.5L
Engine coolant (4J15T)	OAT-35	9±0.5L
Engine coolant (CE16)	OAT-35	8 ~ 8.8L
Engine oil (DFMC15TP1)	OAT-35	9.5±0.5L
Engine coolant (4C16NR)	OAT-35	9.5±0.5L
Engine coolant (4A92)	OAT-35	6.2±0.3L
MT transmission oil	BOT 350 M3	1.55L
DCT transmission fluid	Castrol BOT 351 C4	5.9L
CVT transmission oil (China V)	Mobil EZL799A or Idemitsu I-CVTF-EX1	5.4 ~ 5.6L
CVT transmission oil + oil cooler (China VI)	Shell RS1	7L
Steering fluid	ATF DEXRON or ATF220	1L
Brake Fluid	Idemitsu CVTF-EX1	0.6 ~ 0.8L
Windshield washer fluid	DOT3/DOT4	3.5L
A/C refrigerant	NFC-60	500g

Comprehensive fuel consumption

Item	Unit	LZ6481 XQ16AM	LZ6480 XQ16AM	LZ6481 XQ16AD	LZ6480 XQ16AD	LZ6482 XQ15AV	LZ6483 XQ15AV
Fuel consumption	L/100km	7.2	7.2	7.9	7.9	7.4	7.4

Item	Unit	LZ6480 XQ18AM	LZ6481 XQ18AM	LZ6482 XQ15CD	LZ6483 XQ15CD	LZ6450 X16B1	LZ6450 X16B0	LZ6450 X16B2
Fuel consumption	L/100km	7.5	7.5	6.9	7.2	7.5	7.1	7.1

※ Note: The fuel consumption value is determined according to GB/T 19233-2008 Measurement Methods of Fuel Consumption for Light-duty Vehicles.

Wheel alignment parameters

Item		Parameter
Front wheel toe-in	Front wheel	0.1° ± 0.04°
	Rear wheel	0.06° ± 0.08°
Wheel camber	Front wheel	-0.5° ± 0.5°
	Rear wheel	-0.33° ± 0.5°
Kingpin caster angle	Front wheel	5.5° ± 0.5°
Kingpin inclination angle	Front wheel	11.9° ± 0.5°

Tire specifications

Technical Parameters

Item	1.8T/6MT	1.5T/6AT	1.6T/6MT	1.6T/7DCT	1.5T/7DCT	1.6L/CVT	1.6L/5MT
Tire specifications	225/55R19 or 225/60R18	225/55R19 or 225/60R18	225/55R19 or 225/60R18		25/55 R19 or 225/60 R18	215/65R16 or 215/60R17	215/65R16 or 215/60R17
Wheel trim specification	19×7J or 19×6.5J or 18×7J or 18×6.5J	19×7J or 19×6.5J or 18×7J or 18×6.5J	19×7J or 19×6.5J or 18×7J or 18×6.5J		19×7J or 19×6.5J or 18×7J or 18×6.5J	17×6J or 17×6.5J or 16×6.5J or 17×7J	17×6J or 17×6.5J or 16×6.5J or 17×7J
Tire pressure	230kPa	230kPa	230kPa		230kPa	230kPa	230kPa
Spare tire specification	T155/90 R17	T155/90 R17	T155/90 R17		T155/90 R17	T165/70 R17	T165/70 R17
Spare tire pressure	420kPa	420kPa	420kPa		420kPa	420kPa	420kPa

Emission Requirements

Maintenance technical requirements for specified emission

Engine ECU

The operation of ECU must comply with the following requirements:

1. When connecting the ECU and the harness connector, make sure that the system power supply is disconnected, i.e. the ignition switch is powered off. Do not plug or unplug the ECU when the Start/Stop switch is turned on, so as to avoid contacting ECU pins or exposed parts of ECU harness with any part of the body when the power is on.

2. Sparks caused by static electricity may cause damage to the ECU. Try to avoid contact between the ECU and static electricity.

3. Do not subject the ECU to a voltage higher than 16V.

4. Do not connect the positive and negative poles of ECU voltage in the reverse direction.

5. Do not use any ECU of which the appearance has physical damages. The surface of ECU housing shall not be scratched or coated with any unapproved material. It is not allowed to spray paint or other insulating liquid on ECU pins.

6. Do not use any tool or object to knock any part of the ECU.

7. Do not let an electromagnetic field or RF interferer to be close to the ECU.

8. It shall be ensured that the ECU is effectively fixed and effectively grounded during installation.

9. Do not burn out the ECU when repairing the vehicle by electrical welding. If necessary, power off the ECU, remove it, and put it far away from the electrical welding position.

10. If the battery is charged by an external battery, the battery poles shall contact with each other firmly.

Oxygen sensor

When the engine works and the air-fuel ratio increases, the concentration of oxygen in the exhaust will increase. At this time, the output voltage of the oxygen sensor is close to 0V, the concentration of oxygen in the exhaust will decrease and the output voltage of the sensor is close to 1V. The engine oxygen sensor does not require any adjustment or repair.

The oxygen sensor will fail in the following conditions:

1. The electrical connector of oxygen sensor is damaged.

2. The Zr element inside the oxygen sensor breaks, ruptures or fails.

3. The heating element circuit of the oxygen sensor is disconnected or short-circuited.

4. The sensing element circuit of the oxygen sensor is disconnected or short-circuited.

5. The oxygen sensor thermistor is short-circuited to housing.

6. The heating element circuit of the oxygen sensor is short-circuited to housing.

Precautions for using the oxygen sensor:

1. Do not drop the oxygen sensor or impact it with the surface of a hard object to avoid damaging the ceramic element or heating element.

2. After the oxygen sensor is installed, avoid damaging the oxygen sensor due to large knocking force applied to the engine.

3. Prevent the sensor from being polluted by carbon deposits, engine oil, lead and other organic matters, resulting in inaccurate sensor output signal.

Information of Key Components and Parts for Emission Control

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

Model	LZ6481XQ16AM LZ6480XQ16AM LZ6481XQ16AD LZ6480XQ16AD			LZ6482XQ15AV LZ6483XQ15AV			
Description of key components and parts for emission	ECU	Oxygen sensor	Catalytic converter assembly	ECU	Oxygen sensor	Front catalytic converter assembly	Rear catalytic converter assembly

control							
Model of key components and parts for emission control	MT92.1 MT62.1	RE94	SX7-1205050	MT62.1	RE94	SX6-1205030	SX6-1205040
Manufacturer	DELPHI		Zhejiang BONDLYE Environmental Protection Technology Co., Ltd.	DELPHI		Kunming Sino-Platinum Metals Catalyst Co., Ltd.	
Effective service life	Five years or 100,000 km			Five years or 100,000 km			

Model	LZ6480XQ18AM LZ6481XQ18AM				LZ6482XQ15CD LZ6483XQ15CD
Description of key components and parts for emission control	ECU	Oxygen sensor	Front catalytic converter assembly	Rear catalytic converter assembly	Front exhaust pipe assembly
Model of key components and parts for emission control	MG1US 008	LSU/LSF4	SX5-1205010	SX5-1205020	C15TDR C008 C15TDR C002
Manufacturer	DELPHI		Kunming Sino-Platinum Metals Catalyst Co., Ltd.		Tianjin CATARC Auto High-Tech Company
Effective service life	Five years or 100,000 km				Five years or 100,000 km

Model	LZ6450X16B1				LZ6450X16B0			
Description of key components and parts for emission control	ECU	Oxygen sensor	Three-way catalytic converter	Particulate filter	ECU	Oxygen sensor	Three-way catalytic converter	Particulate filter
Model of key components and parts for emission control	FC-50	AY083	SX3-1205050	SX3-1205060	FC-50	AY083	SX3-1205110	SX3-1205060
Manufacturer	Jiangsu Auto Electronic Control System Technology Co., Ltd. (AECS)		Kunming Sino-Platinum Metals Catalyst Co., Ltd.		Jiangsu Auto Electronic Control System Technology Co., Ltd. (AECS)		Kunming Sino-Platinum Metals Catalyst Co., Ltd.	
Effective service life	Five years or 100,000 km				Five years or 100,000 km			

Model	LZ6450X16B2			
Description of key components and parts for emission control	ECU	Oxygen sensor	Three-way catalytic converter	Particulate filter
Model of key components and parts for emission control	MG1UA008	LSU/LSF4	SX3-1205030	SX3-1205070
Manufacturer	United Automotive Electronic Systems Co., Ltd.		Kunming Sino-Platinum Metals Catalyst Co., Ltd.	
Effective service life	Five years or 100,000 km			