

Preface

Dear user, thank you very much for your trust! It's an honor for our company to know that you have selected the vehicle type!

Our company has modernized technologies and various luxury configurations. You must want to fully utilize these technologies and configurations in your daily driving process. Thus, we recommend you to carefully read this user manual, so as to fast and comprehensively understand and master the performance of the vehicle.

All the vehicle types produced by our company have passed the national compulsory products certification (3C certification) Except the operating instructions, this specification has also included the driving guidance and maintenance guidance that are vital to safe driving and vehicle value maintenance; meanwhile, it also includes extremely valuable suggestions and help for you. Besides, it can also tell us how to adopt modes meeting environment protection to drive your beloved vehicle.

Except the user manual, the vehicle maintenance manual is also attached in the accessory data of the vehicle. The manual includes important information about ZOTYE vehicle maintenance. Moreover, the accessory data of the vehicle is also attached with manual about the navigation, audio visual, and communication system aspects. It is suggested that you should always keep the accessory data in the vehicle for storage.

This user manual is applicable to all vehicle types of our company (T600COUPE) during the current period. You may find out that, the vehicle type you purchased may not have the certain devices and facilities introduced therein. In light of the constant improvement and perfection of products, Zhejiang Xiangtai Vehicle Sales Co., Ltd. shall reserve the right of modifying the user manual, without sending notice, so we hereby remind you that any data, figures and descriptions in the manual will not be regarded as the basis for the claim for compensation.

If you want to resell your vehicle, please attach the vehicle with the user manual, for it is an important component of the vehicle.

We sincerely hope that you can enjoy yourself driving Zotye Auto, and we wish you a safe journey!

Zhejiang Xiangtai Vehicle Sales Co., Ltd.

July, 2017

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Important information about the vehicle type

Zhejiang Xiangtai Vehicle Sales Co., Ltd. suggests that you and your family should carefully read the “operation, safety, driving guidance, and using guidance” in the user manual. The aforementioned chapters will help you and your family to understand how to obtain the biggest protection from the passenger protection device configured for ZOTYE T600COUPE, so please pay attention to reading this part.

“Safety” chapter has elaborated the function and operation of vehicle seat, seat belt, airbag, and child protection device, and meanwhile, introduced some potential dangers that shall be noted. The aforementioned devices shall mutually cooperate with the integral construction of the vehicle, so as to ensure the protection provided to passengers during the occurrence of collision accidents. When various devices are correctly used, and mutually cooperated with other devices, the protective effect can be largely improved. The exclusive use of passenger protection device cannot provide equal protection effect for you and your family, and it can only exert its function, when being jointly used with other devices. It is very important for you and your family to understand the usage of various devices and the correct using methods thereof as well as the mutual correlation of various devices.

The usage of all passenger protection device is: During the occurrence of collision accident, it can lower the possibility for the serious injury of personnel. Whether it is independently used or used cooperatively,

These devices cannot ensure that the personnel inside the vehicle can be fully free of injuries in collision accidents. However, if you know more about these devices themselves and their correct using methods, the possibility for getting hurt during the occurrence of accidents will be smaller.

The seat belt can provide main protection for all passengers inside the vehicle, so passengers should always fasten safety belt. Children must correctly use child protection device suitable for their age and body size.

The airbag can provide assistant function for the seat belt, but it cannot replace seat belt. The frontal airbag can prevent the head and breast of passenger from knocking on devices inside the vehicle, and then decrease the possibility for the head and breast of passenger to get hurt; The side airbag and air curtain can decrease the injury of passenger at the side. In order to reach to the protective effect, the airbag can be activated at a very fast speed. If the passenger is too close to the airbag, or there are other passengers, pets or goods between the front-row driving personnel and the actuating range of airbag, the fast activation of airbag may be the reason causing the serious injury of passenger.

Important information about the vehicle type

Parts and accessories of the vehicle type

If your vehicle needs to replace parts, please use the original factory of parts and accessories provided by our company. Our company will not provide original factory of spare parts to service stations or maintenance stations beyond the authorization, and in case of failing to conduct maintenance and repair at the special service station of our company on schedule, or independently conducting maintenance, and repair at service stations or maintenance stations beyond the authorization and causing faults, our company will not bear “three guarantees” responsibilities.



Alarm!

Do not independently refit, adjust or dismantle the vehicle. The refit, adjustment, and dismantlement of vehicle may influence vehicle safety, operation performance and service life, and may violate regulations. Besides, the damage and decrease of vehicle performance incurred by independent refit, adjustment and dismantlement are not within the range of “three guarantees”.

Vehicle scrapping

The airbag device of the vehicle includes explosive chemical substances. In case of scrapping the vehicle under the status of dismantled airbag, fire disaster or other accidents may be incurred, and before vehicle scrapping, it is requested to ask the special service station of our company or other qualified repair plants to dismantle and discard the device.

Instructions of the user manual

The user manual includes how to use the important information, prompt, suggestions and alarm of our company.

The user manual shall be ensured to be kept inside the vehicle for storage. Especially when lending the vehicle or selling it to others, this is very important.

Partial paragraphs of the user manual are not applicable to all vehicle types, so during the introduction of optional equipment, there will be “*” mark before the title.

The illustration in the book may be slightly different from the actual vehicle in details, but the principle described thereby is the same. The catalogue is located at the beginning of the user manual, and the sequence for all the described contents in the manual is the same with the display in the catalogue. The index table arranged as per the sequence of phonetic alphabet is located at the end of the user manual.

Except for special descriptions, the descriptions in the manual about the vehicle orientation (front, rear, left, and right) shall be subject to the driving direction of the vehicle.

► This indicates that the paragraph will be continued in the next page

■ This indicates the end of the paragraph



Alarm!

Texts with this symbol include the information about your safety, and remind you of the possible existence of accidents or injuries.



Notice!

Texts with this symbol remind you of paying attention to the generation of vehicle damage.



Description

The texts marked with this symbol include additional information.



Description of environment protection

The text marked with this symbol includes the descriptions about environment protection.



Instructions of the user manual

Safety mark



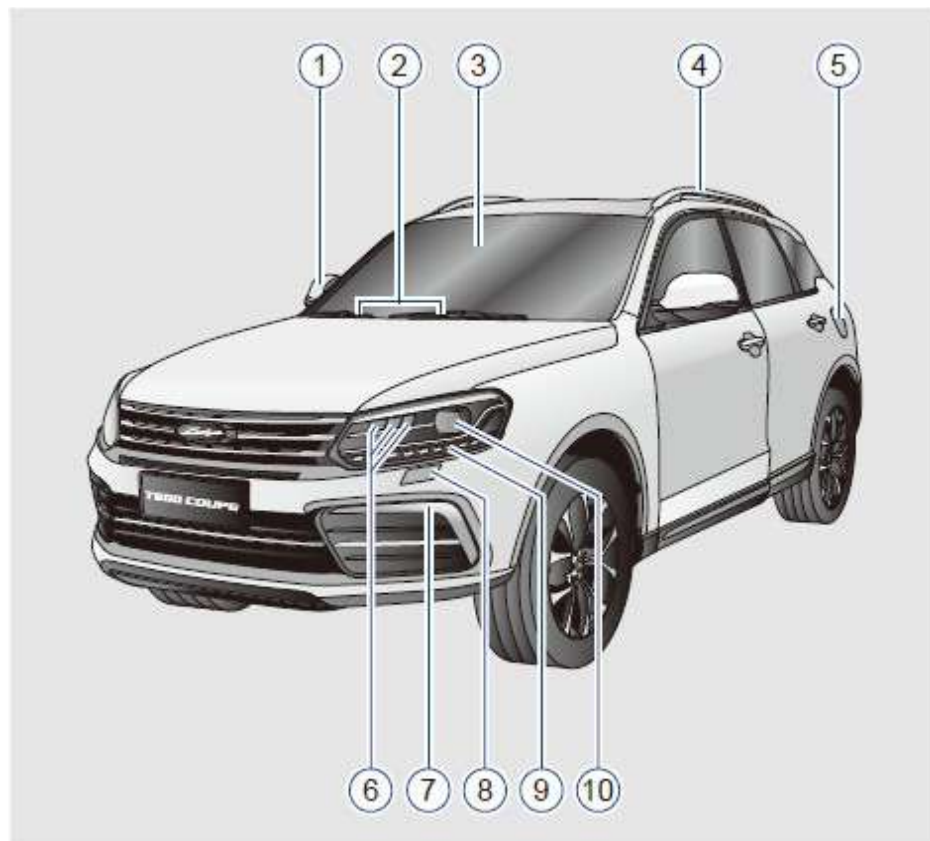
When seeing the safety mark shown in the above figure, this indicates “prohibit...”; “Prohibit doing like this” or “prohibit the occurrence of such situation”.

Unit description

Descriptions about the unit symbol used in the user manual are as follows:

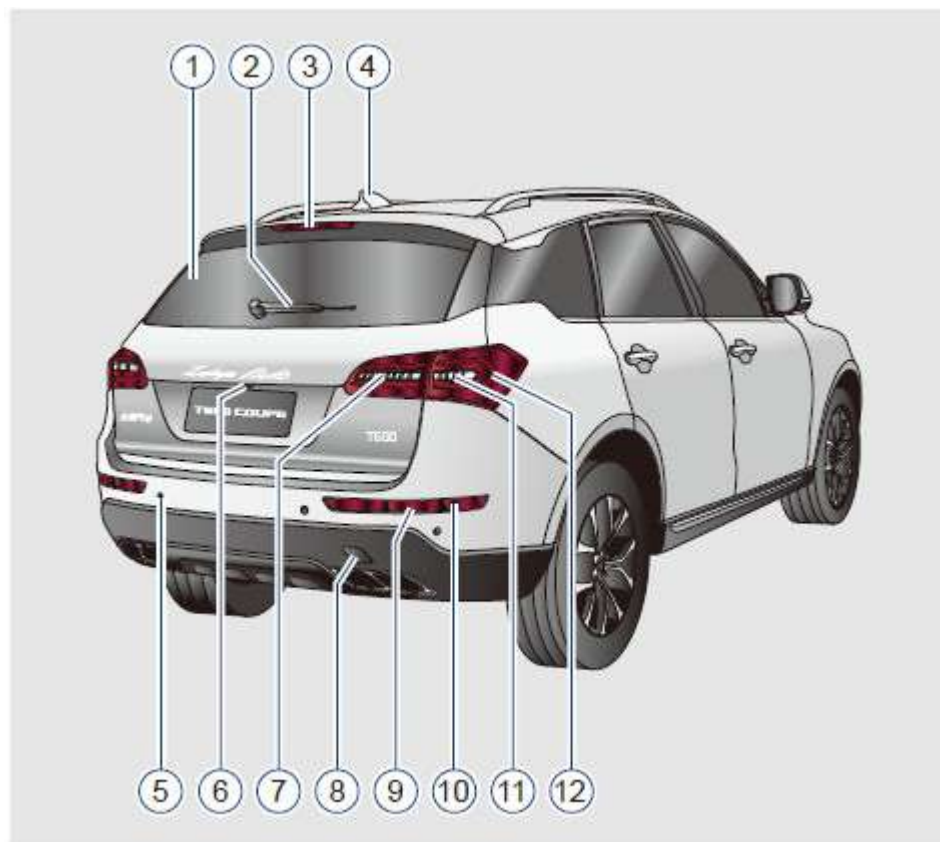
s	Second	kW	KW
min	Minute	Hz	Hz
mm	mm	rpm	Turn/min
m	m	kPa	KPa
km	km	g	g
km/h	km/h	kg	Kg
V	V	N·m	Nm
W	W	L	L

General overview before the vehicle



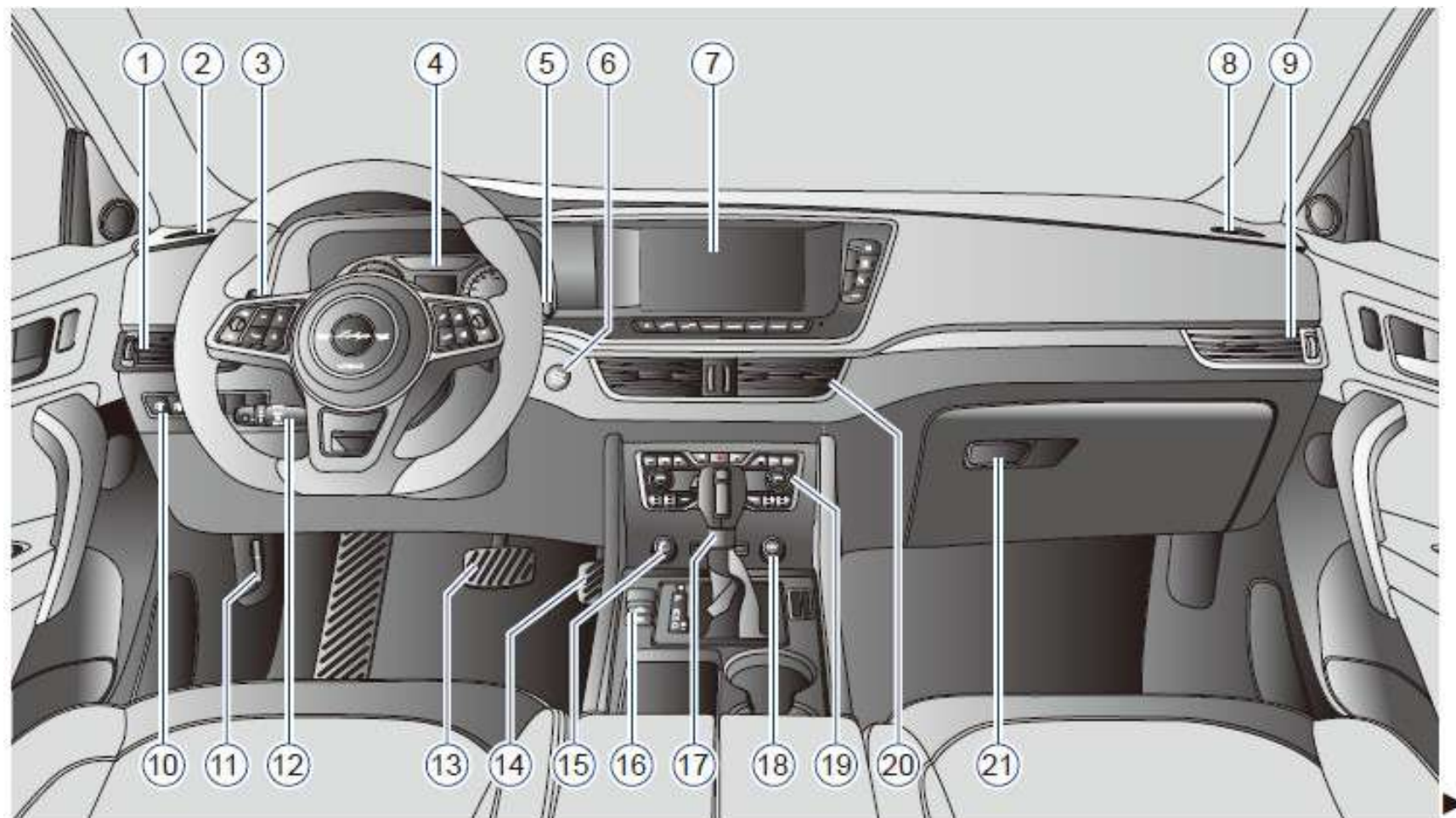
1. Exterior rearview mirror
2. Front windscreen wiper
3. Front windshield
4. One-piece luggage rack
5. Filler cap
6. Position light
7. Daily driving light
8. Headlight washing plug cover
9. Steering light
10. Low beam / high beam

General overview behind the vehicle



1. Rear windscreen glass
2. Rear windscreen wiper
3. High-level stoplight
4. Shark fin
5. Vehicle reversing radar
6. Rear camera
7. Reversing light
8. Rear trailer ring installation hole
9. Rear fog light
10. Rear retroreflector
11. Steering light
12. Position light/stoplight

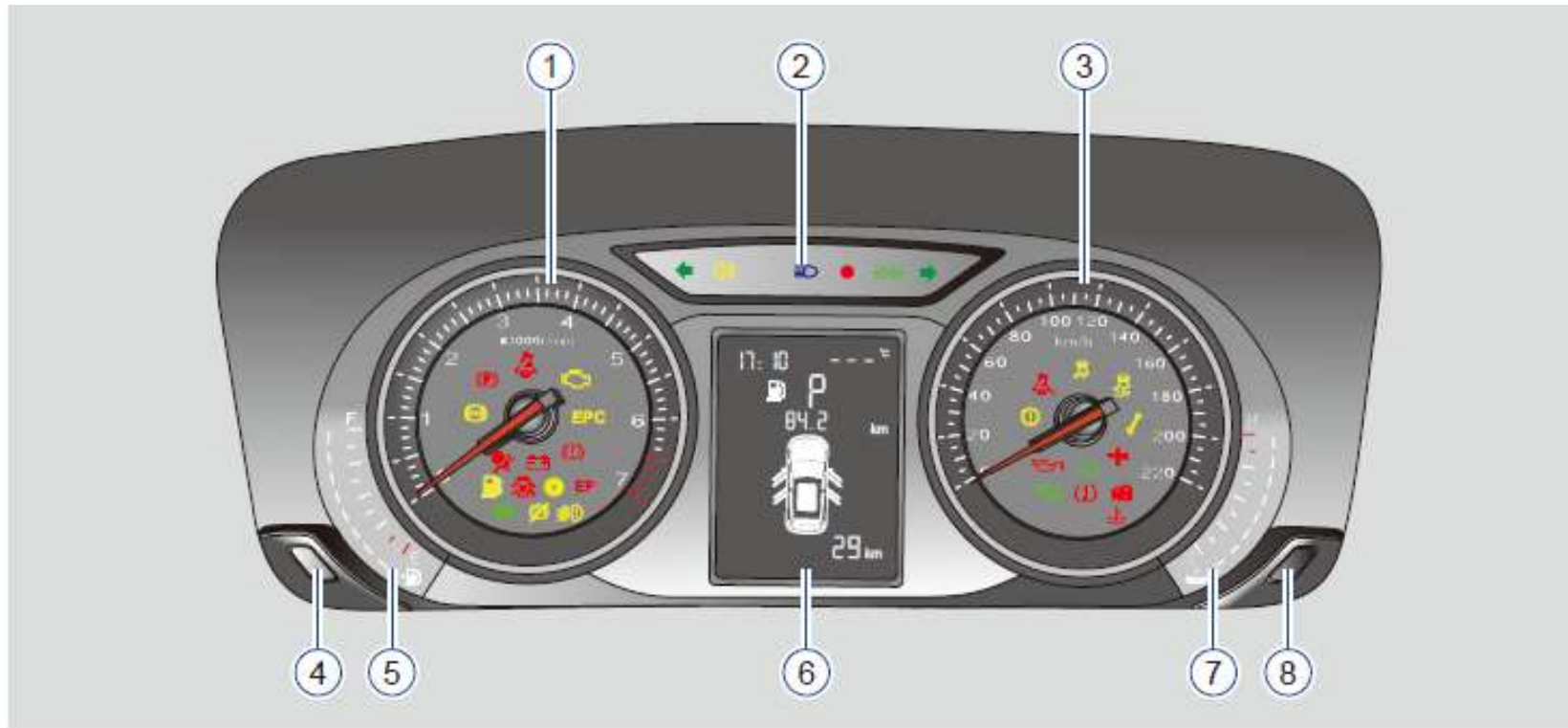
General overview of the driving cabinet



General overview of the driving cabinet

1. Air conditioner left-side air outlet
2. Left side defrosting vent
3. Light combination switch
4. Combination instrument
5. Windscreen wiper switch
6. One-key start switch
7. Multimedia system
8. Right side defrosting vent
9. Air conditioner right-side air outlet
10. Driver left-side switching group
11. Engine compartment cover releasing handle
12. Cruise control switch handle
13. Brake pedal
14. Accelerator pedal
15. Cigarette lighter
16. Electronic parking switch
17. Transmission shift level
18. Front 12V outlet
19. Air conditioning panel
20. Central air outlet of air conditioning
21. Glove box

* **Common combination instrument**



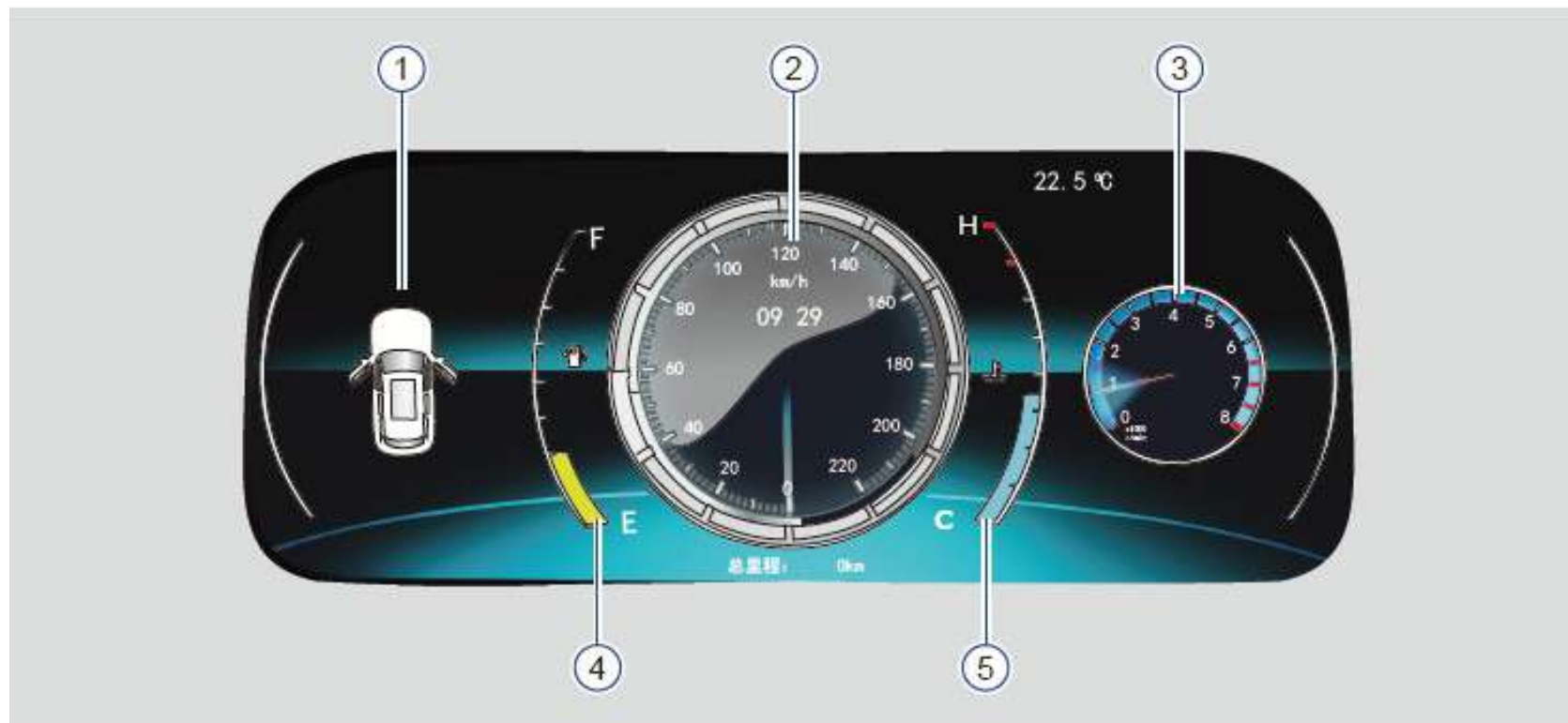
- 1. Revolution meter
- 2. Indicator
- 3. Speed indicator

- 4. Adjusting Key A
- 5. Fuel gauge
- 6. Driving computer

- 7. Water temperature gauge
- 8. Adjusting Key B



* **LCD combination instrument**



- 1. Driving computer
- 2. Speed indicator

- 3. Revolution meter
- 4. Fuel gauge

- 5. Water temperature gauge



Revolution meter



* Common revolution meter

The revolution meter will display the revolving speed of the engine, and 1,000 times of the indicating figure in the revolution meter is the actual revolving speed.



* LCD revolution meter

The revolution meter will display the revolving speed of the engine, and 1,000 times of the indicating figure in the revolution meter is the actual revolving speed.

! Notice!

- It shall be prohibited from letting the pointer for the revolution meter of the engine reach to the red area, for this may cause the serious damage of the engine.
- In the driving process, do not let the engine run at a high speed for a long time, otherwise this will cause premature abrasion.

Speed indicator



* Common speed indicator

The pointer for the speed indicator indicates the current driving speed of the vehicle, and the unit is km/h (kilometer per hour).



* LCD speed indicator

The pointer for the speed indicator indicates the current driving speed of the vehicle, and the unit is km/h (kilometer per hour).



Alarm!

During the driving process of vehicle, please control the vehicle speed, and do not break the speed limit. Meanwhile, it is requested to check the revolution meter or speed indicator under the precondition of ensuring safety!

Fuel gauge



* Common fuel gauge

The fuel gauge is used to display the residual fuel gas quantity inside the fuel tank of the vehicle, and when the fuel inside the fuel tank is less than the alarm point (the residual fuel is about 7.8L), the last frame of scale on the fuel gauge turns red, and the alarm light/ of low fuel is on, this reminds the driver of timely adding fuel.



Notice!

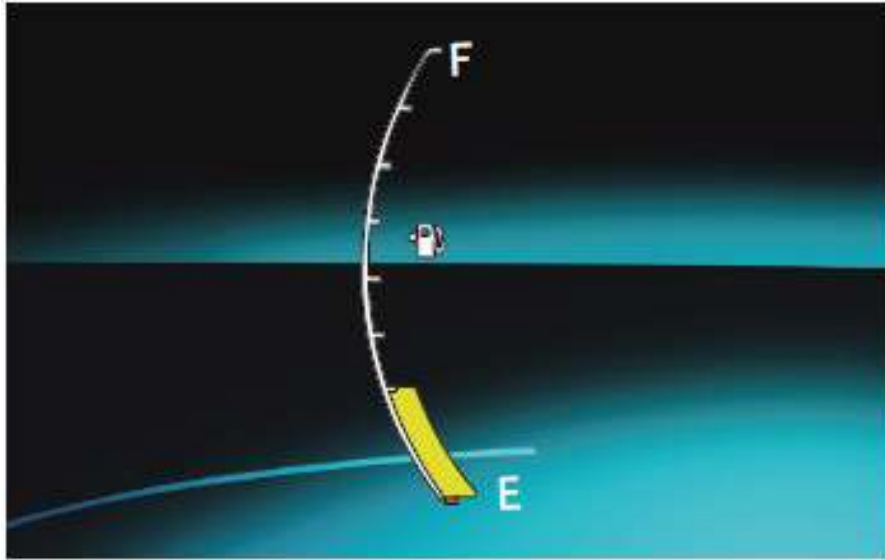
- The frequent operation of vehicle under low fuel quantity will cause the premature damage of fuel pump.
- On the ramp, since the fuel inside the fuel tank is deviated, the alarm light may be on.



Description

In the icon/ on the fuel gauge, the triangle symbol towards the left indicates that the filler cap is on the left side of the vehicle.


Fuel gauge



* LCD fuel gauge

The fuel gauge is used for displaying the residual fuel quantity inside the fuel tank of vehicle, and the fuel level conditions of the fuel tank can be displayed through scale stimulation.

When the scale indication approaches to “F”, the fuel tank is relatively full; When the scale indication approaches to “E”, the fuel tank is relatively empty. When the fuel gauge displays merely one grid left (the residual fuel is about 7.8L), the scale pore will

flicker, and the low fuel alarm light  will be on, reminding the driver of timely adding fuel.




Notice!

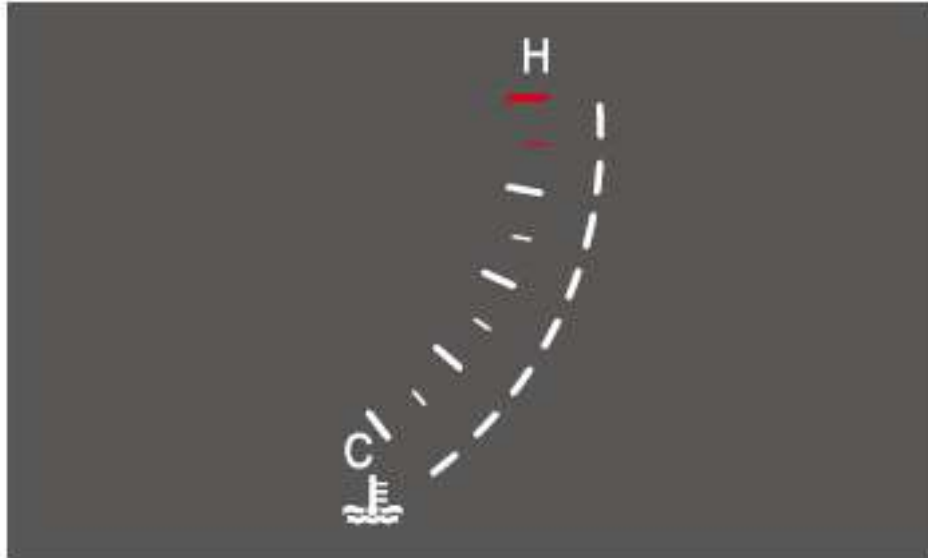
- The frequent operation of vehicle under low fuel quantity will cause the premature damage of fuel pump.
- On the ramp, since the fuel inside the fuel tank is deviated; the alarm light may be on.



Description

In the icon  on the fuel gauge, the triangle symbol towards the left indicates that the filler cap is on the left side of the vehicle.

Water temperature gauge



The temperature that is shown in the water temperature gauge and slightly above the middle is the ideal temperature for the operation of the engine.




Notice!

When driving on normal pavement, and the water temperature gauge displays the highest scale “H”, this indicates that the temperature of the engine is too high, and in order to avoid the damage of engine, please stop the vehicle at a safe place for cooling, and contact with the special service station of our company as soon as possible for maintenance.

* Common water temperature gauge

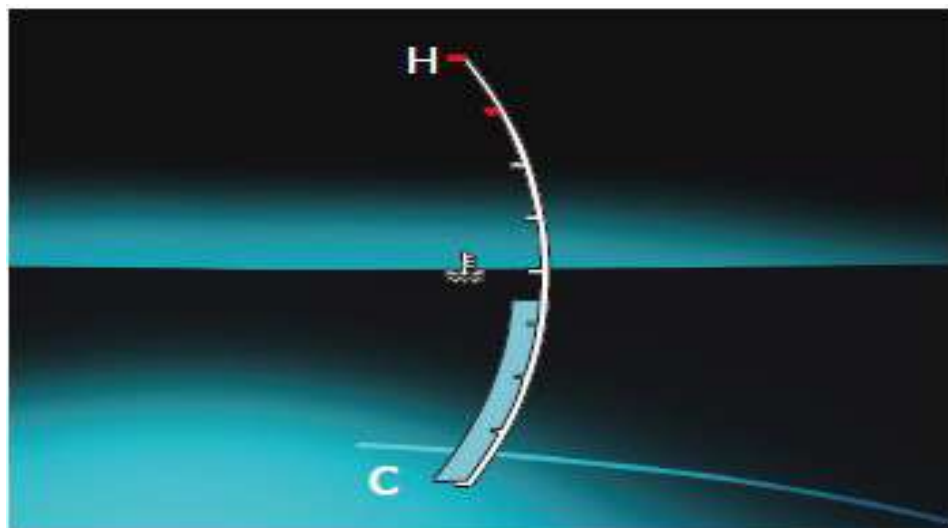
The water temperature gauge is used for the real-time display of cooler temperature inside the engine, and the unit is $^{\circ}\text{C}$. The temperature corresponding to the scale line “C” is about 40°C , and the temperature corresponding to the scale line “H” is about 120°C .

When the water temperature of the engine reaches to the alarm temperature (120°C), the biggest scale of the water temperature gauge will turn red and the high water

temperature alarm light  will be on, reminding the driver of the excessive water temperature inside the engine.



Water temperature gauge



* LCD water temperature gauge

The water temperature gauge is used for the real-time display of cooler temperature inside the engine, and the unit is $^{\circ}\text{C}$. Adopt scale simulation mode to display the temperature of the cooling liquid on the driving computer. The temperature corresponding to the scale line “C” is about 40°C , and the temperature corresponding to the scale line “H” is about 120°C .

When the water temperature of the engine reaches to the alarm temperature (120°C), the upmost scale of the water temperature gauge will turn red and the high water temperature alarm light/ will be on, reminding the driver of the excessive water temperature inside the engine.

The temperature that is shown in the water temperature gauge and slightly above the middle is the ideal temperature for the operation of the engine.



Notice!

When driving on normal pavement, and the water temperature gauge displays the highest scale “H”, this indicates that the temperature of the engine is too high, and in order to avoid the damage of engine, please stop the vehicle at a safe place for cooling, and contact with the special service station of our company as soon as possible for maintenance.

Introduction of indicator








If alarm/indicator light in combination instrument flashes or is on, it means various functions self-inspection, opening, closing or function fault. Among them:













Red symbol: Indicates danger;

Yellow symbol: Give prompt or alarm;













Green symbol: Indicates the vehicle state.




When switching the one-key start switch to “ON” gear, partial indicators will be on for a short time, indicating that the corresponding system is conducting self-inspection (indicator light with #).

	Electronic parking brake (EPB) indicator light
	# Low oil pressure alarm light
	# Braking fault alarm light
	Warning light for that the driver doesn't tie safety belt
	Storage battery charging indicator light
	Fault alarm light of tire pressure system
	Indicator light for that the vehicle door is not closed

	Car body anti-theft alarm light
	# PEPS alarm light
	Alarm light for that front-row passenger doesn't tie safety belt
	# Airbag fault indicator light
	# High water temperature alarm light
	Engine anti-theft system alarm light
	Emergency brake alarm light
	Indicator light for rear fog lamp
	# Headlight height automatic adjustment (ALS) fault indicator light
	# Anti-lock braking system (ABS) fault alarm light
	Indicator light for the maintenance of the complete vehicle
	# Electronic parking brake (EPB) fault indicator light

Introduction of indicator

	# Vehicle stability system (ESC) indicator light
	# Vehicle stability system closing indicator light
	# Low fuel oil alarm light
	# Engine emission system fault indicator light
	# Transmission fault alarm light
	Electronic power-assisted steering system (EPS) fault indicator light
	# Engine system fault indicator light
	# Cruising status and fault indicator light
	# Cruising work indicator light
	Uphill assisted indicator light
	Left steering indicator light
	Right steering indicator light

	Daily driving light indicator light
	Position light/rainfall sensor fault alarm (flickering) indicator light
	High beam indicator light



Introduction of indicator

Electronic parking brake (EPB) indicator light

When the electronic park brake is pulled up, the indicator light is on; When the vehicle speed is bigger than 5km/h, and the electronic park brake still fails to be released, the buzzer will be sounded, and after the electronic park brake is released, the indicator light will be off, and the buzzer will be stopped.

Low oil pressure alarm light

After starting the vehicle, in case that the engine oil pressure is low, and the alarm light is flickering along with the acoustic alarm, this indicates that the liquid level of engine oil is low and requires the addition of engine oil. Please close the engine, do not drive continuously, and ask professional personnel to eliminate faults. The low engine oil pressure alarm is not the display of engine oil level. Therefore, you should periodically check the engine oil level.

Braking fault alarm light

When the braking system is broken down, ABS fault indicator light and brake fault alarm light will be on simultaneously; When the brake fault or brake fluid level is low, the brake fault alarm light will be on. When the alarm light is normally on, bigger forces are requested to step on the brake pedal for braking and the vehicle braking distance is longer, so it is suggested that you should go to the special service station of our company to check whether the brake fluid is leaked and add the brake fluid.

Warning light for that the driver doesn't tie safety belt

When the vehicle is powered on or during the driving process, if the driver's safety belt is not fastened, the indicator light will be flickering all the time, and when the vehicle speed is bigger than 25km/h, the buzzer will be sounded (100s), until the driver fastens the safety belt, and then the indicator light will be off.

Storage battery charging indicator light

When starting the vehicle, in case that the indicator light is on, please shut it down and close all the devices on the vehicle, check whether the vehicles have faults, and if necessary, please contact the professional personnel of special service station in our company for troubleshooting and maintenance.

Fault alarm light of tire pressure system

When the tire pressure and tire temperature are abnormal or the tire pressure system is faulty, the alarm light will be on, with constant voice reminder, and the sound alarm will be closed through long pressing Adjusting Key A on the combination instrument. After closing the sound alarm, in case that the tire pressure fault still fails to be eliminated after ten minutes, sound alarm will be activated again. The driving status involves driving safety; in case that fault alarm occurs, please timely conduct troubleshooting and inspection.



Introduction of indicator



Indicator light for that the vehicle door is not closed

When any door, front hatch cover or back door is opened, the indicator light will be on, reminding the driver of the open or incompletely closed status of the vehicle door.



Car body anti-theft alarm light

Close all the vehicle doors, use intelligent key to lock the vehicle door, and the indicator light is flickering; In case that any vehicle door is not closed, the locking of vehicle door is failed at this time, during which the indicator light will flicker, with the sound alarm.



PEPS alarm light

In case that PEPS system is wrong or the intelligent key is invalid, the indicator light is on. Please replace the battery of the intelligent key as per the prompt, and if the light is still on, please drive the vehicle to the special service station of our company as soon as possible to conduct maintenance.



Alarm light for that front-row passenger doesn't tie safety belt

When there are passengers at the side of the front-row passenger seat, and the safety belt fails to be fastened during the electrification or driving of vehicle, the indicator light will flicker, reminding the passenger of fastening the safety belt and after fastening the safety belt, the indicator light will be off.



Airbag fault indicator light

When the vehicle is electrified, the indicator light will be on for 3 seconds, to conduct self-inspection, and then the light will be off. In case that the alarm light is not on or is normally on when the vehicle is electrified, and meanwhile, normally on or flickering during the driving process of vehicle, this indicates that the alarm light or the airbag system is wrong, please immediately go to the special service station of our company for troubleshooting and maintenance.



High water temperature alarm light

When the temperature of coolant liquid is higher or equal to the alarm temperature(120°C), this alarm light will be on.



Engine anti-theft system alarm light

Please carry the valid intelligent key of the vehicle inside, so that the vehicle can be normally started; in case of carrying keys that are not matched with the vehicle or carrying invalid intelligent key, the vehicle cannot be normally started,

The anti-theft system alarm light of the engine will keep flickering..

Under the status of unlocked vehicle door, the alarm light for the anti-theft system of the engine will keep flickering.

Introduction of indicator

EP * Emergency brake alarm light

When the speed changing box is subject to major fault, the alarm light is on; please immediately stop the vehicle, and contact with the special service station of our company for inspection and maintenance.

Indicator light for rear fog lamp

When the rear fog light is opened, the indicator light is on.

Headlight height automatic adjustment (ALS) fault indicator light

When the headlight height automatic adjustment system is wrong, the indicator light is on.

Anti-lock braking system (ABS) fault alarm light

When the anti-lock braking system has any faults, the alarm light will be on. When the vehicle is electrified, the alarm light will be lightened for 3 seconds for self-inspection, and if the indicator light is still normally on after the vehicle has been electrified for 3 seconds, please contact with the personnel at the special service station of our company for troubleshooting.

Indicator light for the maintenance of the complete vehicle

When the new vehicle has been driven for 3,000km, the complete vehicle maintenance indicator light will be on, reminding the driver of conducting the first maintenance of the vehicle, and after the maintenance, each time when the vehicle has been driven for 5,000km, the maintenance indicator light will be on, reminding the driver to conduct vehicle maintenance.



Notice!

After the indicator light for the maintenance of the complete vehicle is on, please drive the vehicle to the special service station of our company as soon as possible for maintenance.

Electronic parking brake (EPB) fault indicator light

When the electronic brake system is wrong, the indicator light is on; please immediately go to the special service station of our company for inspection and maintenance.

Vehicle stability system (ESC) indicator light

When the vehicle stability system is open, the indicator light will flicker; When the vehicle stability system is wrong, the indicator light will be normally on.

Vehicle stability system closing indicator light

When the vehicle stability system is closed, the indicator light will be normally on.

Low fuel oil alarm light

When the fuel quantity inside the fuel tank is low, the alarm light will be on. When the alarm light is on, the vehicle can still be driven for certain distance; please find the nearby petrol station to add the fuel.



Introduction of indicator

Engine emission system fault indicator light

When the engine emission system is wrong, the engine emission system fault indicator light will be on. Please immediately go to the special service station of our company for inspection and maintenance.

Transmission fault alarm light

When the speed changing box is wrong, the alarm light will be on; When the oil temperature inside the speed changing box is too high, the alarm light will flicker. In case that the alarm light is normally on or flicker, please contact with the special service station of our company for the troubleshooting and maintenance of speed changing box.

Electronic power-assisted steering system (EPS) fault indicator light

When the electronic power-assisted steering system is wrong, the indicator light is on. When the fault light is on, please immediately stop the vehicle at a safe place, and contact with the special service station of our company for inspection and maintenance.

EPC engine system fault indicator light

When the engine system is wrong, the indicator light is on; please reduce the vehicle speed and immediately drive to the special service station of our company to eliminate faults.

Introduction of indicator

Description

* Cruising status and fault indicator light

When the cruising function is opened, and the vehicle hasn't cruised at the vehicle speed set thereby or has temporarily exited the cruising status (for instance, pressing CANCEL key to cancel the cruising status or stepping on the brake pedal to exit the cruising status), the cruising status and fault indicator light will be normally on; When the cruising system is wrong, the cruising status and fault indicator light will flicker.

* Cruising work indicator light

When the cruising function is opened, and the vehicle has cruised as per the vehicle speed set thereby, the cruising work indicator light will be normally on; When the cruising function is closed, the cruising work indicator light is off.

Uphill assisted indicator light

When the vehicle starts to be driven on ramp, the light will be on, and the uphill auxiliary function will be opened for 2s, to assist the driver to conduct ramp brake starting. When ESC function is closed, the uphill assistance is invalid.

Left steering indicator light

When the left steering light is opened, the left steering indicator light is on.

Right steering indicator light

When the right steering light is opened, the right steering indicator light is on.

Instrument light brightness adjustment

When pressing the hazard warning light switch, the left steering indicator light and the right steering indicator light as well as all the steering lights will be simultaneously flickering, and the combination instrument can give out interval prompt sound. Press the hazard warning light again, and the left steering indicator light and the right steering indicator light as well as all the steering lights will be jointly off, and the prompt sound will be closed.

Daily driving light indicator light

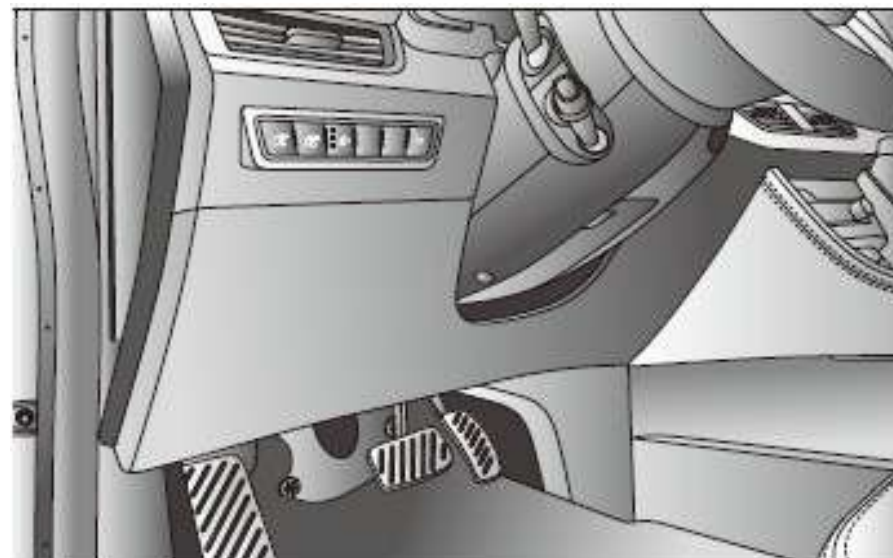
When the daily driving light is on, the indicator light is on.

Position light/rainfall sensor fault alarm (flickering) indicator light

When the position light is opened, the indicator light is on; When the rainfall sensor is wrong, the indicator light will flicker.

High beam indicator light

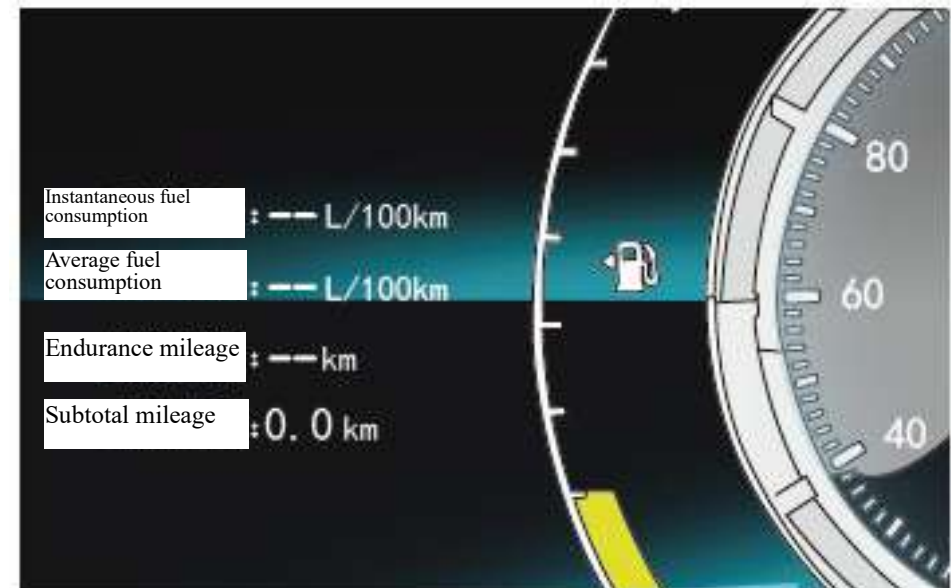
When opening the headlights on high beam or the overtaking light, the indicator light will be on.



The instrument light brightness adjusting switch is located at the left switch group of the driver, as shown in the above figure.

When the power supply is at “ON” gear, and the position light is on, the lightness for the background light of the instrument can be reinforced through constantly pressing the switch; The lightness for the background light of the instrument can be weakened through constantly pressing the switch.

Introduction



Use the driver information system in the combination instrument, to fast understand the current vehicle information, such as the vehicle door, the front cabinet cover and the back door opened/closed status, the overall mileage, the time, and the temperature outside of the vehicle.

When the power supply is at “ON” gear, the driver information system will be operated.



Introduction



Description

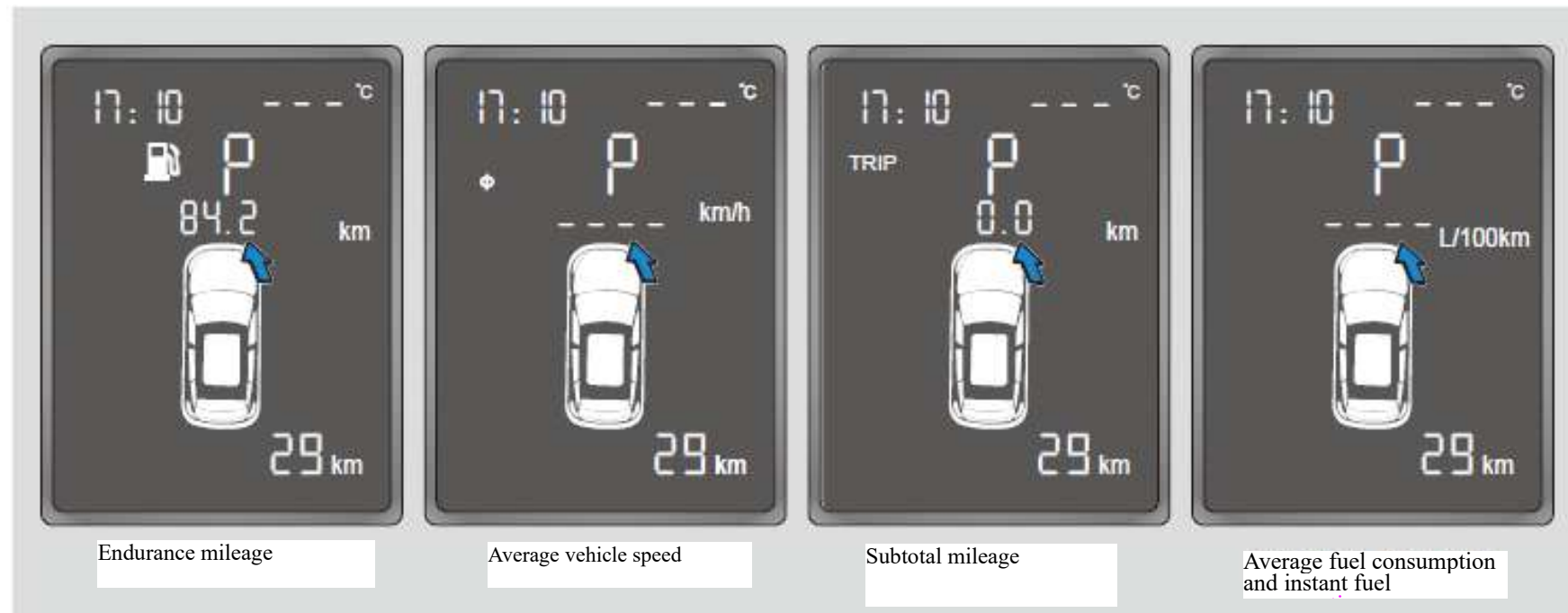
The display interface for the driving computer of LCD combination instrument will be changed with the theme setup; please subject to the interface displayed in real vehicle.

* Driving computer (common combination instrument)



On the driving information interface of common combination instrument, press Adjusting Key B on the combination instrument for short (less than 1s) to switch to the driving mileage, the average vehicle speed, the subtotal mileage, the average fuel consumption, the instant fuel consumption, and other driving information, which is as shown in the following figure.

* **Driving computer (common combination instrument)**



Under the interface that displays the mileage subtotal, the average fuel consumption or the average vehicle speed interface, press Adjusting Key B subtotal, the average fuel consumption or the zero clearing of the average vehicle speed value for long (more than 2s)



Description

The driving mileage can remind the driver of how long the vehicle can be driven as per the current driving mode and the residual fuel consumption within the fuel tank.

When the driving mileage value is less than 50 kilometers, the instrument will display---km.

* Driving computer (LCD combination instrument)



OK Key: Press the key for short to conduct the confirmation operation of relevant information setup on the driving computer.

BACK key: Press the driving computer setup or return key for short to conduct the query and setup of driving computer information.


▲ ▼ Key: Press it for short to select the relevant information on the driving computer, and press it for long to continuously display the relevant information on



Theme setup

When the power supply is at “ON” gear, press OK for short to enter into the driving computer menu interface, and press ▲ ▼ key to select “theme” icon, and press OK for short to enter into the theme setup interface.

the driving computer.



* Driving computer (LCD combination instrument)



Press ▲ ▼ key on the theme setup interface to select different themes, and press OK for short to complete theme setup.



Driving information

When the power supply is at "ON" gear, press OK for short to enter into the driving computer menu interface, and press ▲ ▼ key to select "driving information" icon, and press OK for short to enter into the driving information setup interface.

* **Driving computer (LCD combination instrument)**



Press ▲ ▼ key on the driving information interface, to select “vehicle door status” or “vehicle reversing radar”, and press OK for short to enter into the corresponding interface.



Press ▲ ▼ key on the driving information interface, to select “the status of the vehicle door”, and press OK for short to enter into the vehicle door status interface, as shown in the above figure.



* Driving computer (LCD combination instrument)



Press ▲ ▼ key on the driving information interface, to select “vehicle reversing radar”, and press OK for short to enter into the vehicle reversing interface, as shown in the above figure.



Setup

When the power supply is at “ON” gear, press OK for short to enter into the driving computer menu interface, and press ▲ ▼ key to select “setup” icon, and press OK for short to enter into the setup interface.



* Driving computer (LCD combination instrument)



Press ▲ ▼ key on the setup interface for selection, and press OK for short to enter into the corresponding setup interface.



Press ▲ ▼ key on the setup interface, and select “subtotal zero clearing”, “average fuel consumption zero clearing”, “average vehicle speed zero clearing” or “maintenance data zero clearing”, and press OK for short to enter into the alarm interface, as shown in the above figure.

Press ▲ ▼ key on the alarm interface, select “Confirmation”, press OK for short to complete the zero clearing or resetting, and the driving computer will display the subtotal mileage, the average fuel consumption, the average vehicle speed zero clearing success or the maintenance data resetting success.



* Driving computer (LCD combination instrument)



Press ▲ ▼ key on the setup interface, and select “speed limit alarm setup”, and press OK for short to enter into the speed limit alarm setup interface.



Press ▲ ▼ key on the speed limit alarm setup interface, select “speed limit alarm value”, press OK for short, and then press the key again to start and set the speed limit alarm value.

Under default conditions, the speed limit alarm function is under OFF (closed) status, in case of closing the speed limit alarm function, press ▲ ▼ key on the speed limit alarm setup interface, select “default value recovery”, and press OK for short to close the speed limit alarm function, and the place of the speed limit alarm value will display “OFF”.



* Driving computer (LCD combination instrument)



Fault query

When the power supply is at “ON” gear, press OK for short to enter into the driving computer menu interface, and press ▲ ▼ key to select “fault query” icon, and press OK for short to enter into the fault query interface.



The fault query interface can display partial faults of vehicles, in case that the vehicle has no faults the fault query interface will display “no system fault”, as shown in the above figure.

* Driving computer (LCD combination instrument)



Language

When the power supply is at “ON” gear, press OK for short to enter into the driving computer menu interface, and press ▲ ▼ key to select “language” icon, and press OK for short to enter into the language setting interface.



In the language interface, press “▲ ▼” key to select "Chinese" or "English", short press the “OK” key to complete the language settings.

* Driving computer (LCD combination instrument)



Tire pressure

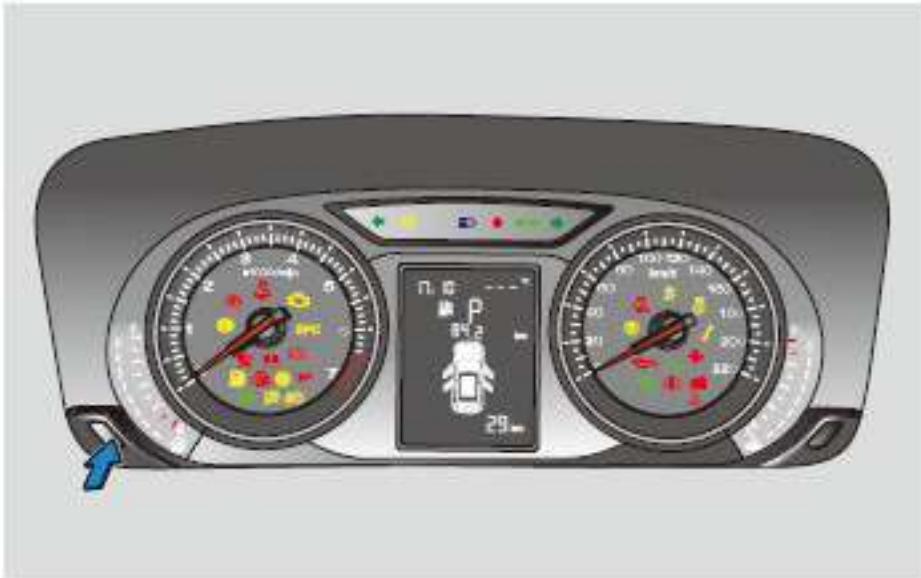
When the power supply is at “ON” gear, press OK for short to enter into the driving computer menu interface, and press ▲ ▼ key to select “tire pressure” icon, and press OK for short to enter into the tire pressure interface.



The tire pressure interface displays the tire pressure and tire temperature of the four wheels of the vehicle in real time, as shown in the above figure.



* Time setting



Descriptions

In the tire pressure alarm state, short press (less than 1s) regulation key “A” to release the tire pressure alarm sound.

In the normal traffic information interface of general combination instrument, long press (more than 2s) regulation key “A” to enter the time setting mode, hour flashing, and short press (less than 1s) one-time regulation key “A” hour value plus 1, and after the hour is set, it starts flashing, and short press (less than 1s) one-time regulation key “A” minute values plus 1, and after the minute is set, wait for 3s, and the time has been set, and it automatically returns to the normal traffic information interface.

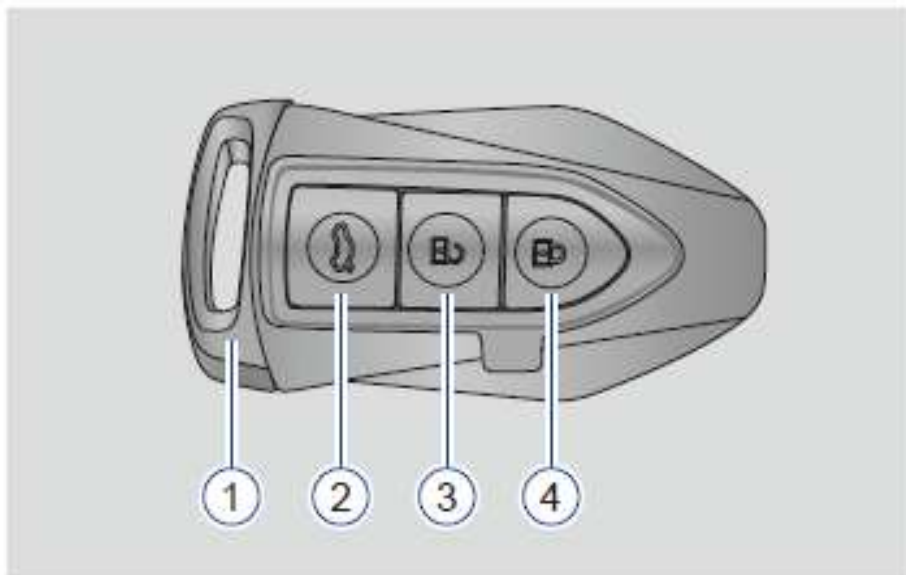
Warning for the door being unopened



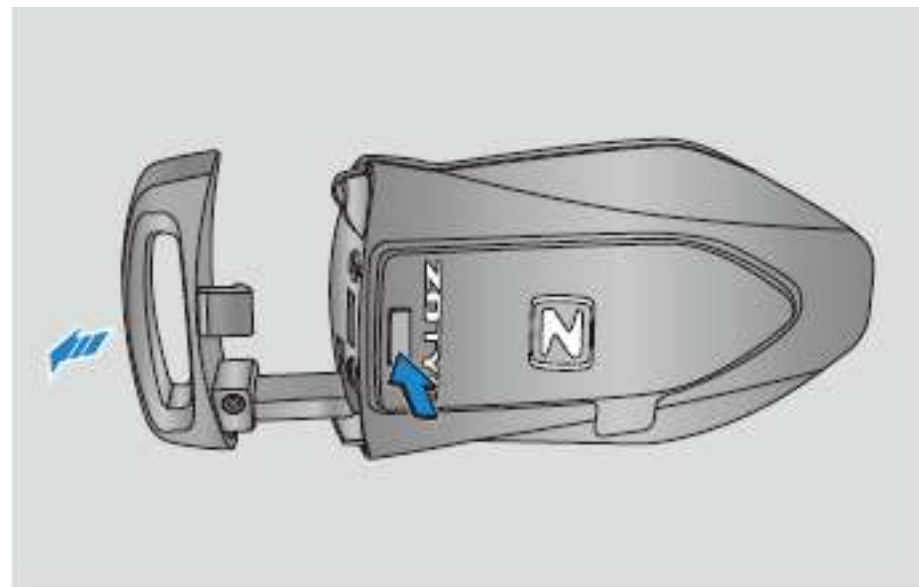
The vehicle model on the vehicle computer can show the opening and closing state of the four doors, the engine compartment cover and the back door to remind you to ensure that the doors, the engine compartment cover and the back door are closed well when driving, so as to avoid danger!

If any door, engine compartment cover or back door is not closed, it shall simulate to display the unclosed door, engine compartment or back door. At the same time, if the door in the combination instrument is not closed, the indicator lamp is lit on. When all doors, engine compartment cover and back door are completely closed, the indicator lamp indicating that the door is not closed is lit off.

Intelligent key



1. Mechanical key
2. Unlocking button for back door
3. Locking button
4. Unlocking button



Press the mechanical key on the back door of the intelligent key to pop up the button, and take out the mechanical key piece along the direction of the arrow.



Notice!

Each of the vehicles has two same intelligent keys equipped with the vehicle. Please keep the spare intelligent key in a safe place, and don't put it in the vehicle.

Intelligent key



Notice!

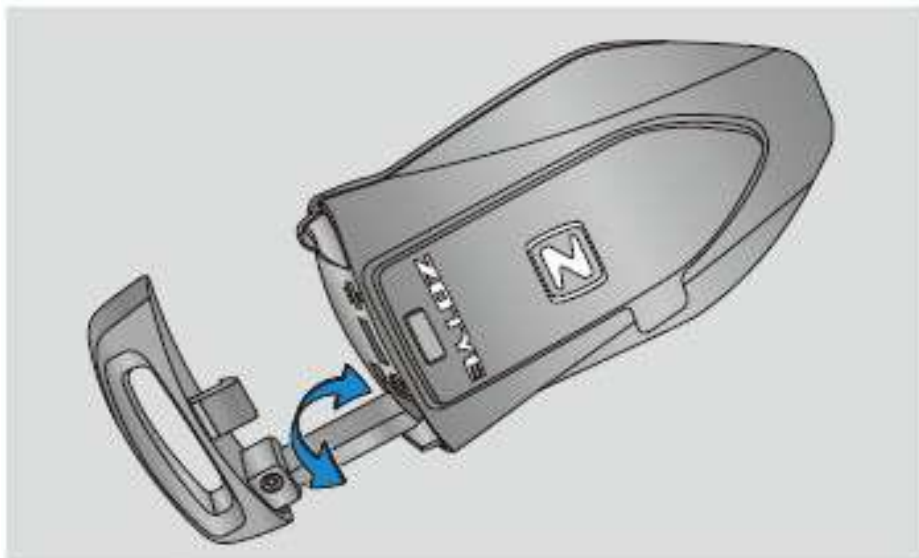
- The vehicle equipped with an intelligent key has a password book on the board, and please keep it properly. If the intelligent key fails or is lost, you can take the password code to the company's special service station to remake or additionally make an intelligent key.
- Try not to put the intelligent key and products radiating electromagnetic wave together, otherwise the intelligent key battery will run out soon. You need to put the intelligent key more than 1 meter away from this kind of electronic product.

Security system password book

The on-board data includes the vehicle intelligent key password book, please keep it safe. If the intelligent key fails or is lost, you can take the password code to the company's special service station to remake or additionally make an intelligent key.

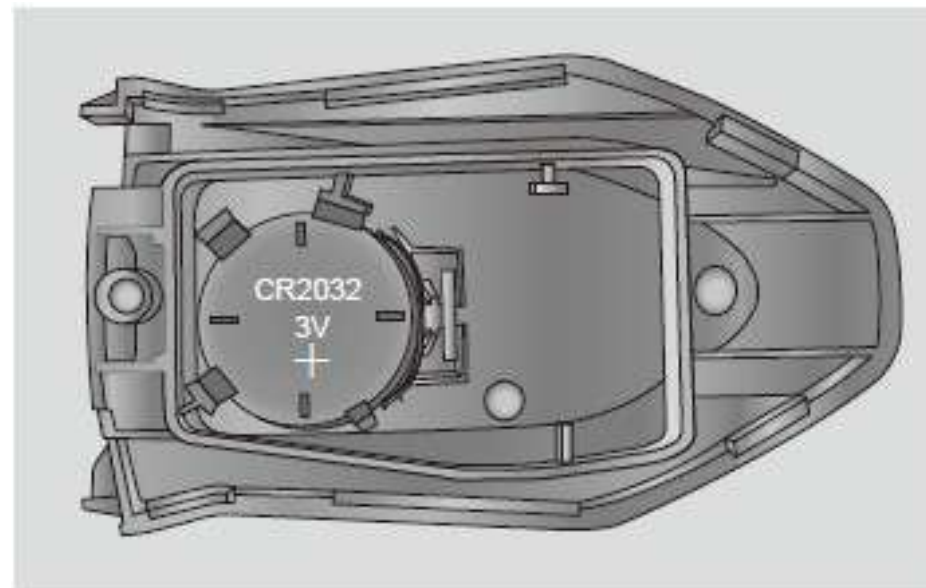


Replacement of intelligent key battery



When pressing the button on the intelligent key, the indicator lamp on the intelligent key flashes, and if the indicator lamp on the intelligent key gets dark or is not bright, it indicates that power of button battery in the intelligent key has been exhausted. You are suggested to replace with the same model of button battery of the company's special service station as soon as possible. If you want to change the battery by yourself, please do the following steps so as not to damage the intelligent remote control key.

1. Press the lock button of the mechanical key and pull off about 2/3 of the length of the mechanical key body.
2. Twist the mechanical key body up and down according to the direction of arrow as shown in the figure above, then the upper and lower cover of the intelligent key can be prized.



3. The tools for button battery (non-metallic) are removed from the mounting hole and the new button battery is installed.
4. After the battery is installed, press any button on the intelligent key (unlock button, lock button, back door unlock button), and if the indicator lamp flashes for 2 times, it indicates that the battery is installed normally.



Replacement of intelligent key battery



Notice!

When the new button battery is loaded, the side with "+" mark on the battery should be facing up, and the specification of new battery loaded should be consistent with the original battery. The battery model is CR2032.

- If the battery is installed normally, please reinstall the intelligent key, and the installation steps are opposite to the sequence of disassembly operation.
- If the battery is not installed properly, please check the button battery and re-install it, and if you press any button on intelligent key, indicator lamp stops flashing or flashes abnormally, it is recommended to ask professional staff to inspect and replace the battery for intelligent key in the company's special service station.



Description of environment protection



When disposing waste battery, be sure to comply with relevant environmental laws and regulations.

Door lock and unlock



Remote control lock and unlock of intelligent key

Lock


- When the one-key start switch is in the OFF gear and all the doors are closed, short press (less than 2s) the lock button  on the intelligent key, all doors are locked and the steering signal lamp flashes for 2 times at the same time.
- When the one-key start switch is in the OFF gear and all the doors are closed, long press (large than 2s) the lock button  on the intelligent key, all doors are locked and * exterior rearview mirror is automatically folded, (at this time, if the window glass is not closed), the window glass of vehicle automatically rises to the


highest position, and the steering signal lamp flashes for 2 times.



Door lock and unlock

Unlock

- In the door lock state, short press the unlock button  on the intelligent key and all doors are unlocked, the * exterior rearview mirror is automatically unfolded, and the steering signal flashes for 1 time at the same time.


- In the door lock state, long press the unlock button  on the intelligent key and all doors are unlocked, the * exterior rearview mirror is automatically unfolded, and the window glass of vehicle automatically reduces to the lowest position, and the steering signal lamp flashes for 1 time.




Notice!


The intelligent key works only in a certain range. The scope of work is sometimes affected by physical, geographical and other factors.

Remote control unlock of trunk lid

Long press (more than 2s) the unlock button  of trunk lid on the intelligent key, and the trunk lid is unlocked.

Remote one-key search

In the case of the door lock, continuously press the lock button  on the intelligent key for two times within 2s, and the left and right steering signal lamps start flashing and the horn rings for two times. When there is no other operation to the vehicle, the steering signal lamp goes out after 25s.

If the unlock button  on the intelligent key is pressed or any door is opened during this period, the left and right steering signals shall be switched to the corresponding flashing state.

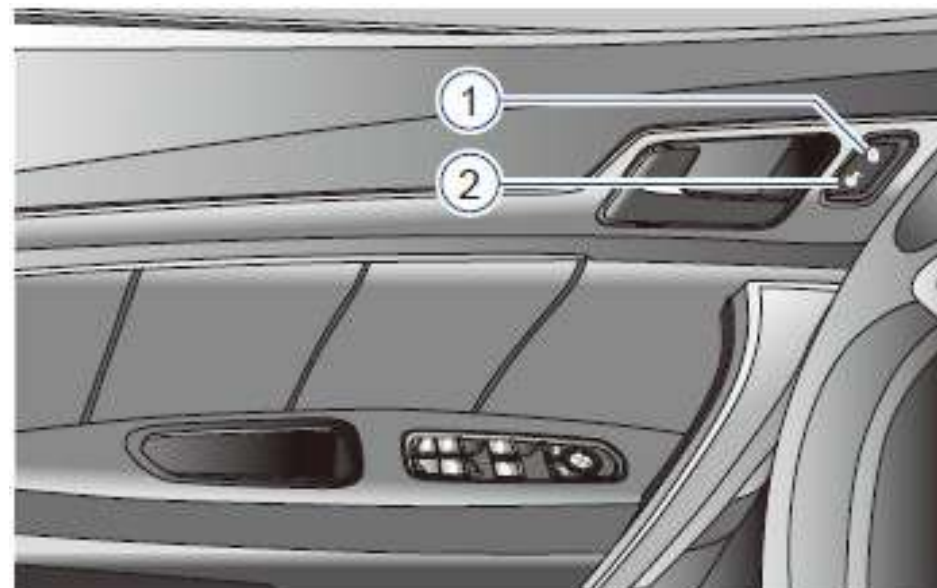
Door lock and unlock



Inside-opening handle of door


There is an inside-opening handle of door inside the four doors. In the case of unlocking the central control door lock, pull the inside-opening handle of the door and the door will pop up slightly outwards automatically.


In the case of unlocking the central control door lock, pull the inside-opening handle of the door for twice continuously and the door will pop up slightly outwards automatically.



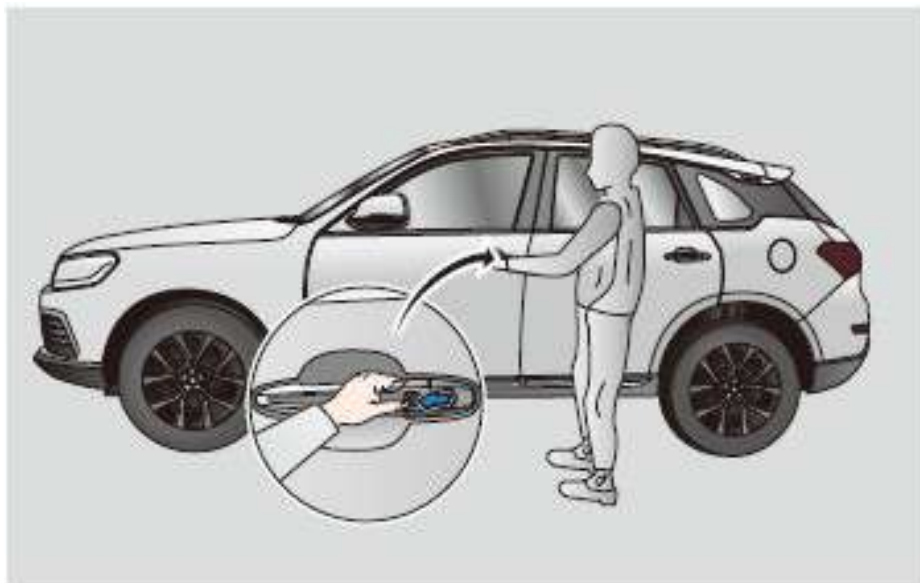
Central control door lock

1. Locking button
2. Unlocking button

Unlock: In the case of four doors being locked, press the unlock button , and the four doors are unlocked.

Unlock: In the case of four doors being unlocked, press the lock button , and the four doors are locked.

Door lock and unlock



Lock in the unlocking state of four closed door, intelligent remote control key is the range of 1m from the left / right front door, short press the door handle micro switch, four doors are locked, steering lamp flashes for 2 times; When any door is not closed completely, it cannot be locked normally. The steering lamp does not flash; Long press the door handle micro switch,

* Automatic folding of exterior rearview mirror.

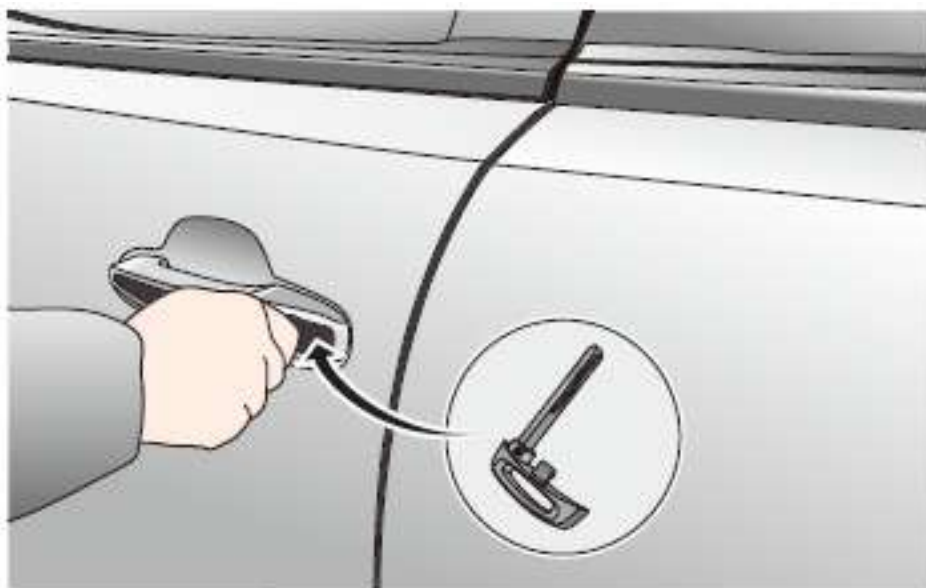
Entry without key

Unlock

In the door lock state, the intelligent key is in the range of 1m from the left / right front door, press the door handle micro switch, and four doors are unlocked, the * exterior rearview mirror is automatically unfolded, the steering lamp flashes for 1 time.



Door lock and unlock



Lock and unlock of mechanical key piece

Press the mechanical key piece lock button, pull out the mechanical key piece, and reversely load the mechanical key piece into the intelligent key, as shown in the above figure.

When the intelligent key fails, the key is turned clockwise, the driver's side door and other doors and the back door are unlocked simultaneously; Turn the key counter clockwise. The driver's side door and other doors and

When the electric quantity of storage battery is drained

Turn the key clockwise and only unlock the door of the driver's side; Turn the key anticlockwise and only lock the door of the driver's side;



Notice!

- When the intelligent key or the central control lock fails, the door unlock can be unlocked or locked by mechanical key piece.
- When an invalid remote control key is used to open the door, the vehicle alarms.

the back door are locked simultaneously.




Anti-theft system



Engine anti-theft system

The vehicle is equipped with passive anti-theft system. The system does not need to be activated or released manually. When pressing one-key start switch, the effective intelligent key is found in the vehicle, the engine anti-theft system will be automatically released. If the engine anti-theft system is not released, the PEPS

alarm light  is lit on the combination instrument (prompting that the valid key is not detected),

You can start the engine by trying the following: For the manual type vehicle, step down clutch pedal and for the automatic type vehicle, step down brake pedal, and place the intelligent key (one end of indicator lamp) in the cup frame with key mark at the bottom of side dashboard, press one-key start switch, and try to lift the engine anti-theft; Or try to use a spare intelligent key. If neither of these two methods cannot start the engine,

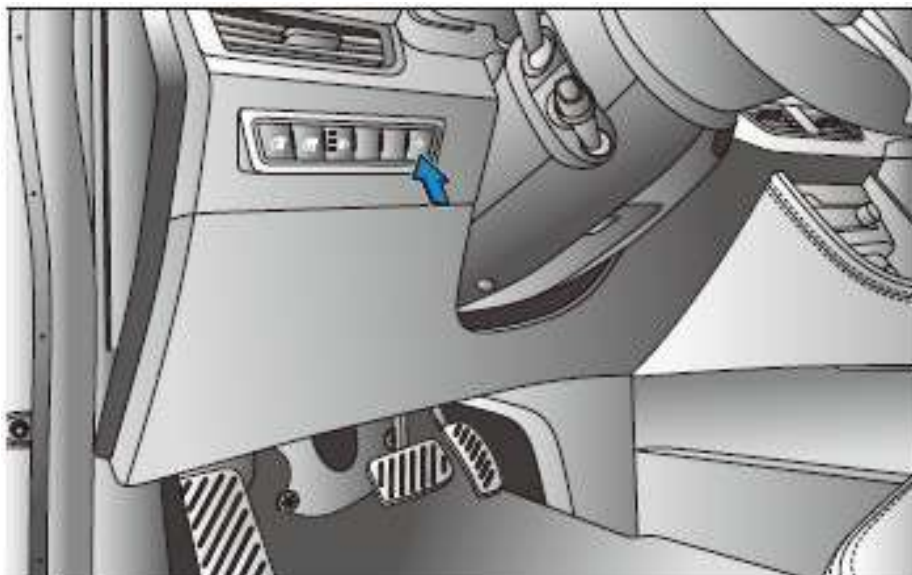
Please contact with the Zotye special vehicle service station.



Notice!

- When the intelligent key is not in the vehicle, don't place an object with strong magnetic field near the one-key start switch.
- Don't put the key in a special environment of high temperature, low temperature or humidity.
- Don't throw the keys.
- Don't press the key vigorously.

Anti-theft system



Vehicle body anti-theft system

The vehicle body lamp indicator is located on the driver's left side switch group as shown in the figure above. Vehicle body anti-theft system helps your vehicle and valuables avoid to be stolen. When someone tries to force into the vehicle, the horn will ring and the steering signal will also flash.



Notice!

Do not attempt to refit the system or add other anti-theft devices.

Defense state

Keep one-key start switch in the "OFF" gear and all doors closed, press the lock key, the system enters the warning state, and after 5S, the system enters the state of defense, and anti-theft lamp slowly flashes.

If you open any door in the early warning state, or put a one-key start switch in the "ON" gear, then the defense is cancelled without alarm.

Alarm state

If open any door (left front, right front door, left rear door, right rear door, back door, engine compartment cover) in the defense state, or put one-key start switch in the "ON" gear, the vehicle enters the alarm mode.

When alarming, the steering lamp continues to flash for 5min, while the horn alarm continues for 28s, and anti-theft lamp LED is changed into a quick flash state; After 5 minutes of audible and visual alarm, no matter whether the invasion source is closed, as long as there is no new invasion signal, the alarm is over. If a new invasion source occurs, the new invasion source appearance will be the standard, the system will restart the 5-minute light alarm and 28s horn alarm.



Anti-theft system

Release alarm state

During the alarming period, press the remote control key unlock key or lock key to release the sound and light alarm, and then the anti-theft indicator lamp LED still is in the quick flashing state, and the system is still in the defense state.

If the system continues to receive invasion signals, the alarm will be re-triggered. To completely unlock the fortification, press “unlock” once again after sound and light alarm is relieved the first time.

Press unlock button on the remote control to unlock fortification and open the vehicle door at the same time, the anti-theft indicator LED will extinguish, the system will get out of the fortification state.

Secondary anti-theft

After unlocking the fortification, if the vehicle door or the one-key start switch is not opened within 30s, the anti-theft system will automatically restore the fortification state, and lock the vehicle door.

Other anti-theft characters

If power is powered on again after outage, the system will return to the mode before outage.

The rear door child safety lock



There is a child safety lock switch on each of the two door at the back.

Child safety lock is used to avoid the door opening because the child at the back pulls the inside handle of door, causing accidents. When the child is placed to sit on the back, dial the switch of the child safety lock under the door lock to the left (right rear door) or to the right (left rear door) to “lock” position, and then shut the door; And also check on the way at all time whether the central control door lock is in the lock state.

The rear door child safety lock

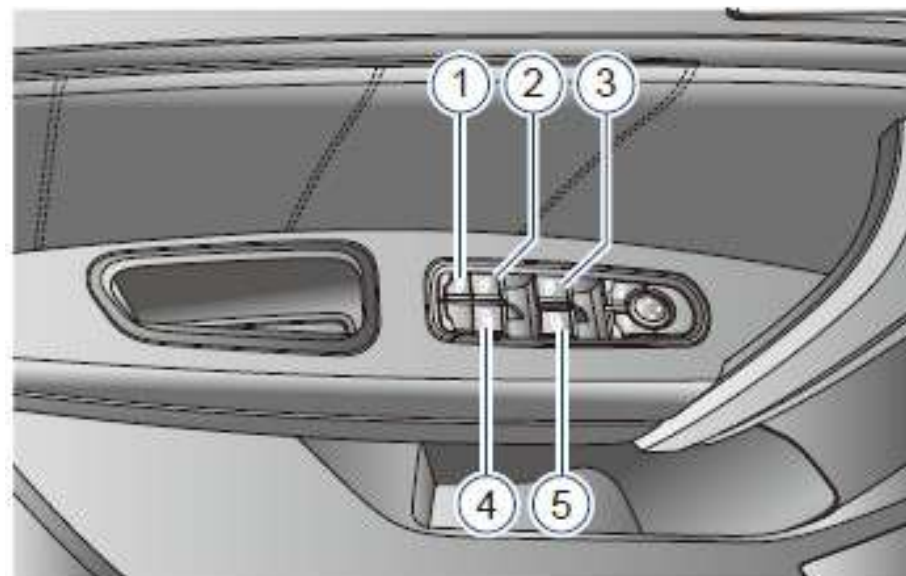
When the child safety lock acts, even open the central control door lock, child safety lock is in the lock state. If you want to open the rear door, only in the central control door lock open state, open the door handle outside the vehicle.



Alarm!

- When there is child in the vehicle, lock the child safety lock of the left and right rear doors at the same time to avoid the door to be opened accidentally in the process of driving.
- When a child rides a vehicle, be sure to let the child sit in the back seat and use the child protection device.
- If the door is in the unlock state during the driving process; the door is opened easily from the inside when the accident occurs, leading to the injury of the occupants.
- When leaving the vehicle, do not leave the child alone in the vehicle, so as to avoid accidents.

Power window



1. Door glass lifter lock button
2. Left rear door glass lifter button
3. Driver door glass lifter button
4. Right rear door glass lifter button
5. Copilot door glass lifter button

Power window

Left front power window switch

When the one-key start switch is placed in the "ON" gear position, the electric vehicle window can work. The inside of the driver's door is equipped with a full door glass lifter button, which can control the lift of all the windows.

Door window glass is opened

Short press and the corresponding window glass automatically falls to the bottom; Long press and the window glass drops and release the switch, stop immediately.

Door window glass is closed

Short pull, corresponding door glass automatically rises to the door glass; When continuously pulling, the corresponding window glass rises, release the switch and stop immediately.

Door lifter lock and unlock

Press the door glass lifter lock button to lock the other three-door glass control buttons except for the driver's doors; Press again, the button pops up, and the three-door glass control button restores the control function.



Window lift switch for co-driver door and rear door

There is a window switch on the co-driver's door and the rear door, which can control the lift of the door window glass.

Door window glass is closed

Short pull, corresponding door glass automatically rises to the top; When continuously pulling, the corresponding window glass rises, release the switch and stop immediately.

Power window

Door window glass is opened

Short press and the corresponding window glass automatically falls to the bottom;
Long press and the window glass drops and release the switch, stop immediately.



Alarm!

- Turn off the window of the electric vehicle, make sure that there is not any object on the top of the electric vehicle window, and ensure that the heads, hands and other parts of the bodies of all occupants are in the vehicle. If the occupant's neck, head or hand are clamped when the window is closed, it can cause serious injury. Be sure to be safe when you turn off the electric window.
- When the children are in the vehicle, don't let them touch the electric window switch without people taking care of them. Using the window lock switch can prevent them from accidentally pressing the electric window switch.
- Never leave anyone (especially children) alone in the vehicle, especially when the key is inserted. Otherwise, he/she might be clamped by the window because of the use of the electric vehicle window switch. Unattended occupants (especially children) may encounter serious accidents.

Window anti-pinch

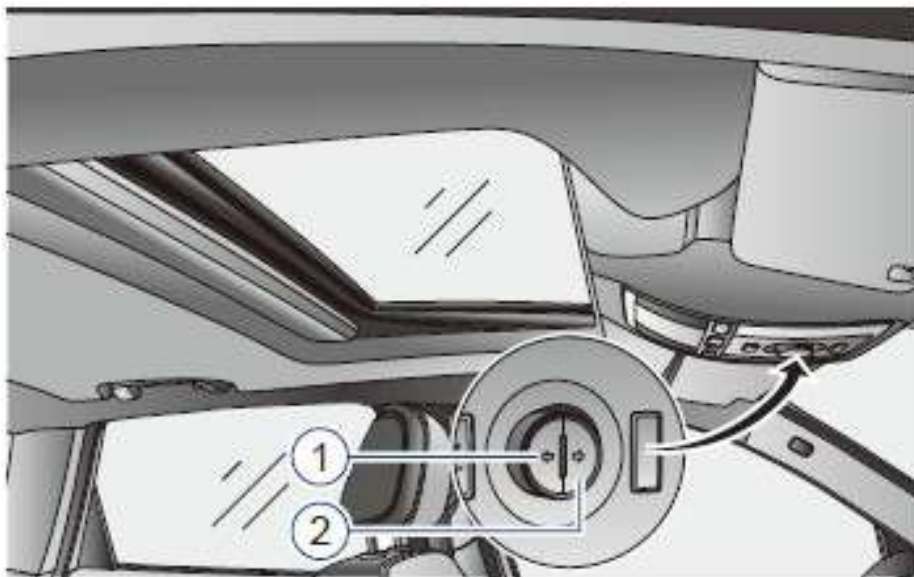
After an electric window with anti-pinch lifter completes the window anti-pinch initialization settings, Only when being hindered in the automatic rising process of window glass after short pulling the window lifter button, the anti-pinching function can be realized. At this time, the window glass shall stop rising continuously and drop down to a certain height and then stop.



Descriptions

Window anti-pinch initialization settings: After the completion of the assembly of anti- pinch lifter and all accessories on the door, long press the window lifting button to top up the window glass, long press the lifting button to keep the lifter stall more than 1s, to complete the initialization.

* Small sunroof



1. Close button
2. Start button

When the power supply is "ON" gear, the sunroof can be opened or closed. The sun visor can be moved forward / backward manually to turn on/off.

Alarm!

- In the course of driving, heads, hands and other parts of the bodies of occupants must leave the opening part of the sunroof, and otherwise, it may cause personnel injury when the emergency brakes or accident occurs.
- When the sunroof is moving, the other parts of the head or hand are not allowed to extend out of the sunroof.

Notice!

- Before closing the sun visor, ensure that the sunroof glass is closed to prevent rainwater from entering the vehicle in rainy days.
- Do not open the sunroof when the sunroof is frozen, so as not to damage the sunroof.

Turn-up and closing of sunroof

Turn-up of sunroof

Touch the start button, and the rear part of front glass is lifted upwards, until it reaches the maximum opening position.



* Small sunroof

Close on the turn-up (ventilation) position

When the sunroof glass is in the turn-up position, touch the closing button, and the sunroof closes automatically.

Sliding open and close

Sliding open

Touch the start button, and the sunroof glass will run to the turn-up position first, and then point touch the start button again, and the sunroof will slide to the maximum open position. In the point touch opening process, press the start button switch again, and the sunroof glass can stop at the current position.

Sliding close

Touch the close button for one-key close sunroof. In the closing process, press the switch again, and the sunroof can stop at the current position.

Press down the close button and hold, and the sunroof will always close, let go at any position, and the sunroof will stop at the current position.

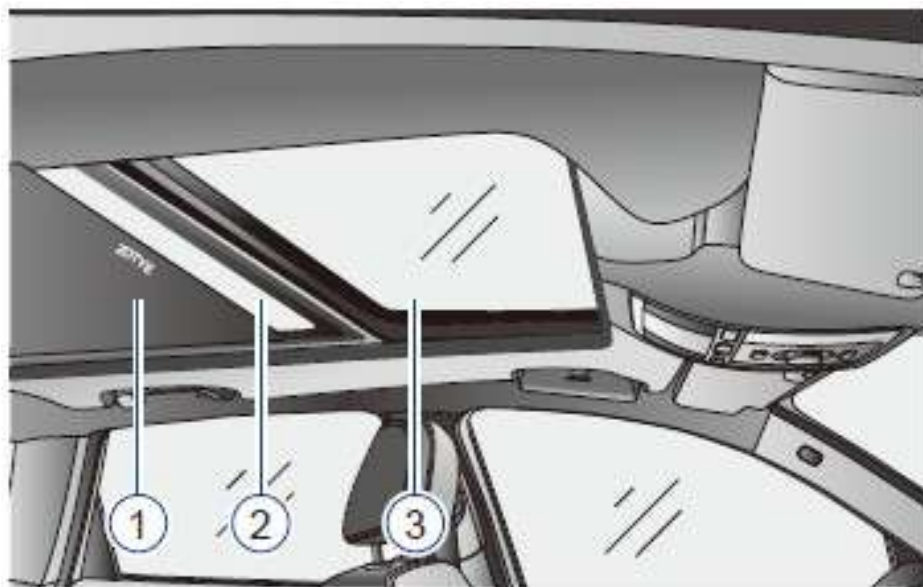


Notice!

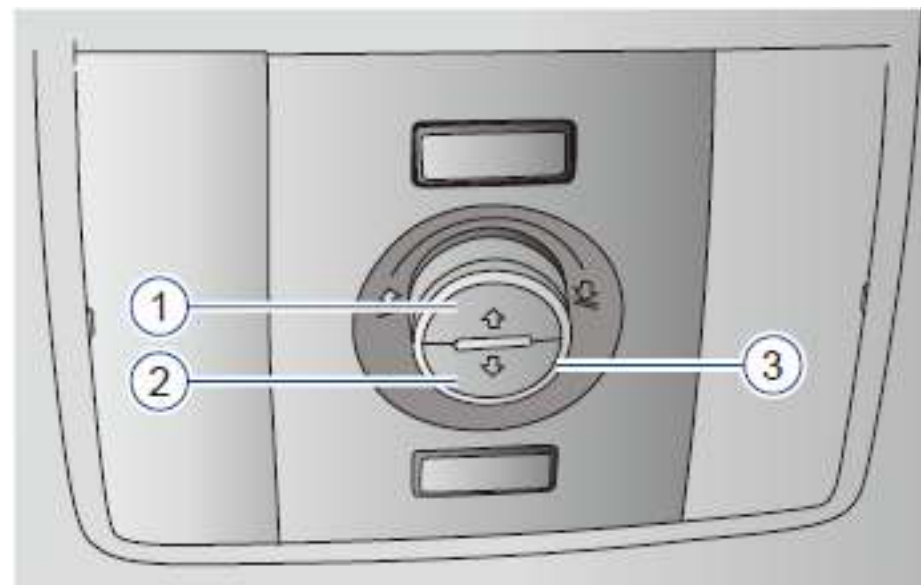
- When there is an obstacle in the direction of the sunroof closure, the sunroof stops moving and returns to a distance.
- Keep the left and right guide rail, drainage slot, the front and rear glass sealing strip clean, no foreign matter.
- Apply proper grease or lubricant in the guide rail, and make the glass plate move so that it can lubricate fully.
- When the vehicle needs to park for a long time outdoors, please be sure to shut the sunroof, so as to avoid foreign matter or rainwater into the vehicle, causing loss of property inside the vehicle.



* Panoramic sunroof



1. Electric sunshade curtain
2. Rear glass assembly (fixed on the frame and not removable)
3. Front glass assembly (active part)



1. Start button
2. Close button
3. Opening and closing knob for sunshade curtain

Anticlockwise rotation; Closing

Clockwise rotation; Opening

When the power supply is "ON" gear, the sunroof can be opened or closed.



* Panoramic sunroof

Turn-up and closing of sunroof

Turn-up of sunroof

Touch the start button, and the rear part of front glass is lifted upwards, until it reaches the maximum opening position.

Close on the turn-up (ventilation) position

When the sunroof glass is in the turn-up position, touch the closing button, and the sunroof closes automatically.

Sliding open and close

Sliding open

Touch the start button, and the sunroof glass will run to the turn-up position first, and then point touch the start button again, and the sunroof will slide to the maximum open position. In the point touch opening process, press the start button switch again, and the sunroof glass can stop at the current position.

Sliding close

Touch the close button for one-key close sunroof. In the closing process, press the switch again, and the sunroof can stop at the current position.

Press down the close button and hold, and the sunroof will always close, let go at any position, and the sunroof will stop at the current position.

Opening and closing of sunshade curtain

Open the sunshade curtain

Turn 3 quickly clockwise, and then the sunshade curtain can be opened automatically. If you need to manually turn on the sunshade curtain, turn the knob 3 clockwise and keep still until the desired position.

Close sunshade curtain

Turn 3 counterclockwise quickly, and then the sunshade curtain is closed automatically. If you need to manually turn off the sunshade curtain, turn the knob 3 anticlockwise and keep still until the desired position.

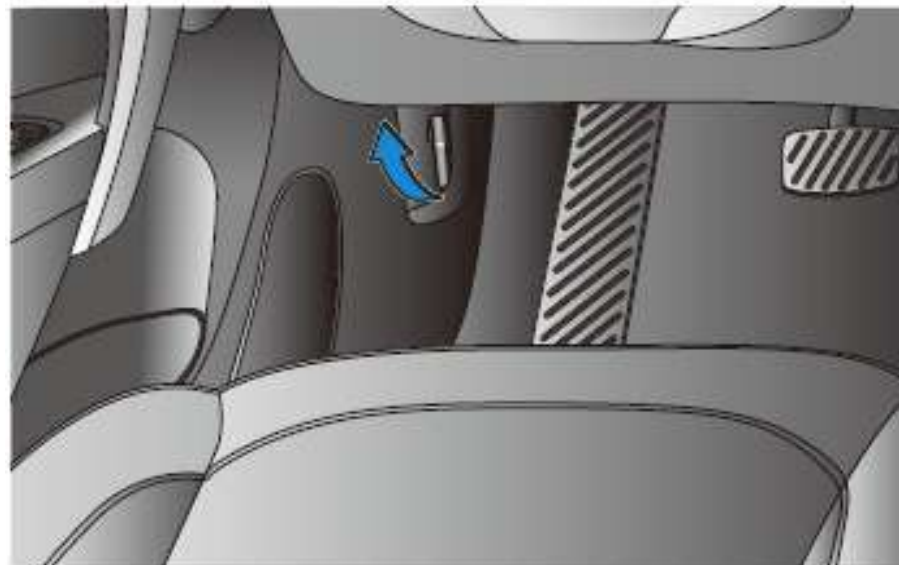


* Panoramic sunroof

! Notice!

- When there is an obstacle in the direction of the sunroof closure, the sunroof stops moving and returns to a distance.
- Keep the left and right guide rail, drainage slot, the front and rear glass sealing strip clean, no foreign matter.
- Apply proper grease or lubricant in the guide rail, and make the glass plate move so that it can lubricate fully.
- When the vehicle needs to park for a long time outdoors, please be sure to shut the sunroof, so as to avoid foreign matter or rainwater into the vehicle, causing loss of property inside the vehicle.

Engine compartment cover



The release handle of the engine compartment cover is located in the left lower part of the instrument plate on the driver's side of the vehicle, as shown above. Pull the handle, and the engine compartment cover pops up slightly.

! Alarm!

Before driving, ensure that the engine compartment cover is closed and firmly locked, so as to avoid accidents during the driving process due to the sudden opening of the engine compartment cover blocking the driver's sight.

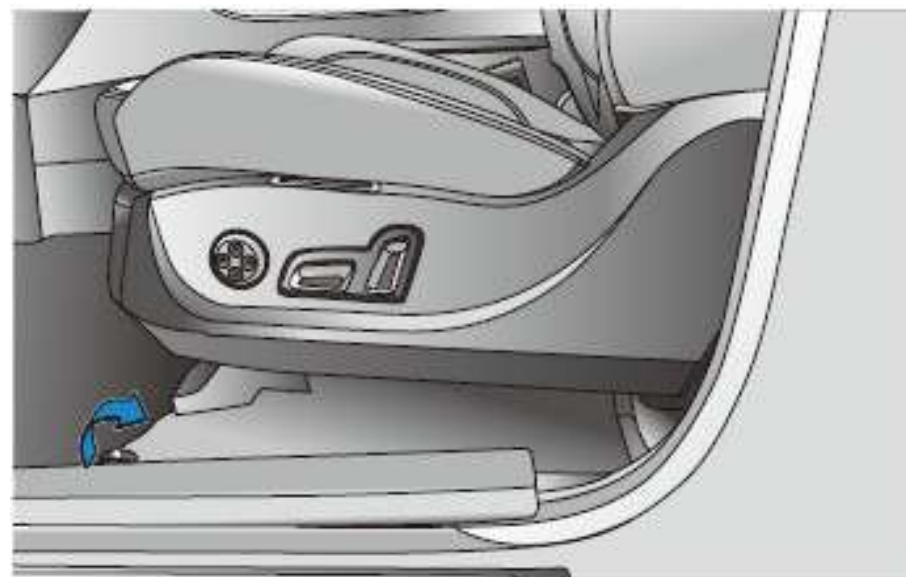
Engine compartment cover



Pull the compartment cover unlock handle located in the middle of the radiator grille to the left and lift up the engine compartment cover slightly. The engine compartment cover will be opened to the maximum position under the action of the pneumatic strut on both sides of the engine compartment cover.

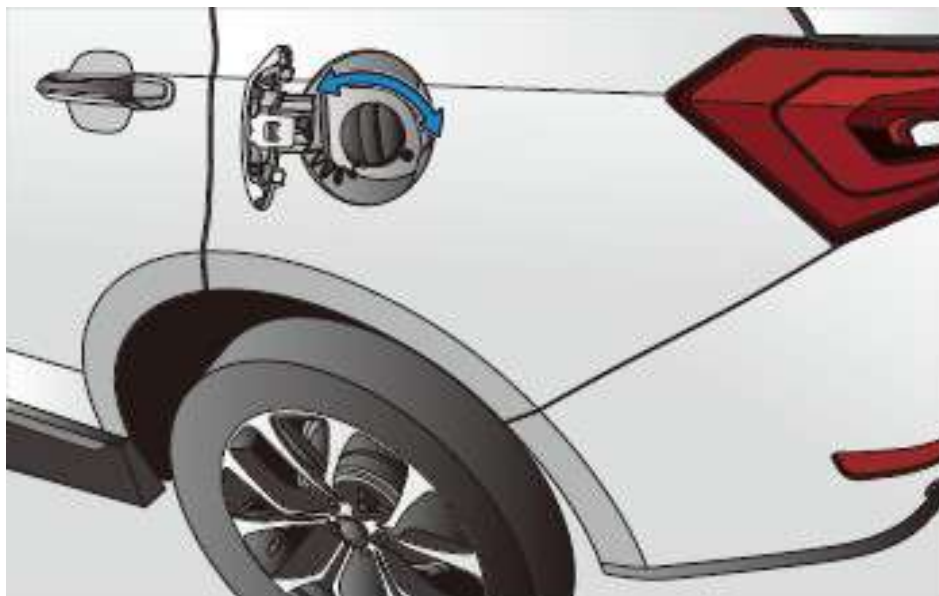
Before closing the engine compartment cover, check whether there are any tools, waste cloth and others left in the engine compartment cover, and then press the engine compartment cover and ensure that it is locked in place, and if necessary, press the front edge of the engine compartment cover to lock it.

Fuel tank cover



The fuel tank cover opening rod is at the left bottom of the driver's seat. Pull up the fuel tank cover opening rod and the fuel tank cover (left rear side of vehicle body) can pop up immediately.

Fuel tank cover



Rotate counterclockwise and it can open the fuel tank filler cap.

When closing, turn the fuel tank filler cap clockwise until hearing the “clicking” sound, to ensure that it is fully tightened, and then close the fuel tank cover.

Alarm!

- When refueling, the engine should be closed, and one-key start switch is placed in the "OFF" gear!
- No smoking when injecting oil! No spark or flame is allowed because the fuel vapor is very easy to burn.
- After the oil is added, ensure that the cover is tightened to prevent the spillage of fuel when the accident occurs.

Back door



Alarm!

- Please ensure that the back door is closed before driving.
- When parking for a long time within a specified range (carrying goods, waiting, etc.), please place the triangle signboard at the rear of the vehicle to remind the vehicle and pedestrians in order to warn the rear vehicle coming,.

Opening

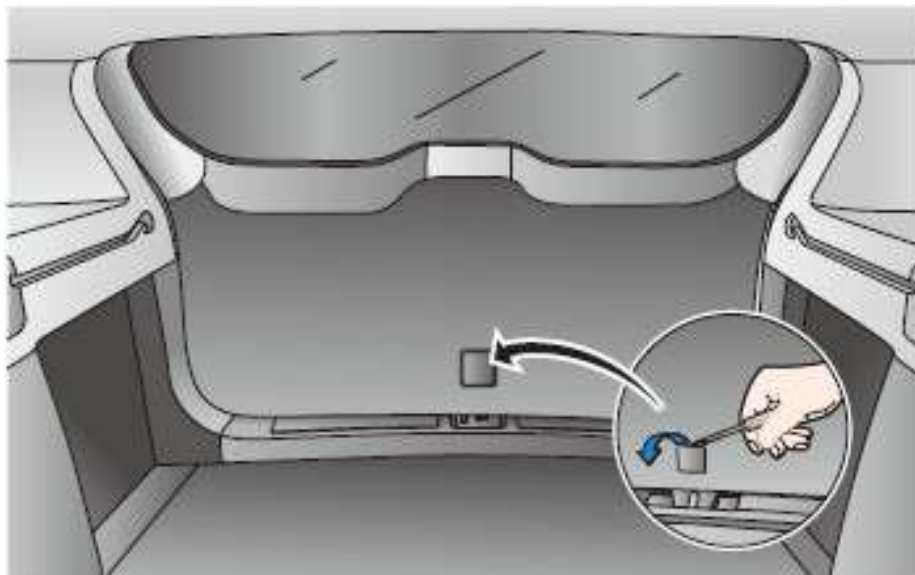
Press the unlock button on the intelligent key or long press the back door unlock button of the intelligent key, unlock the back door, then gently press the central start button of back door button to lift and raise the back door.

Lock

When the back door closes, press the lock button on the intelligent key, and lock the back door.

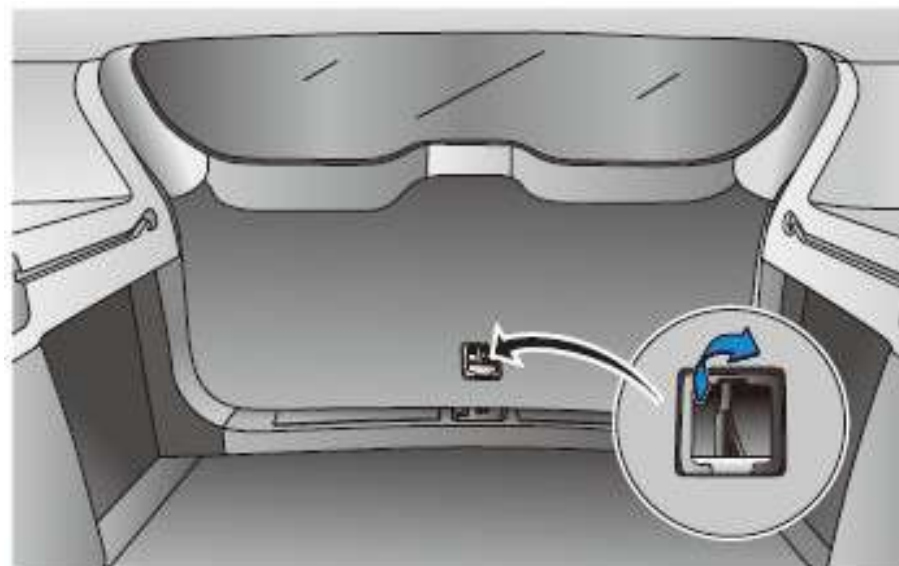


Back door



Emergency opening of back door

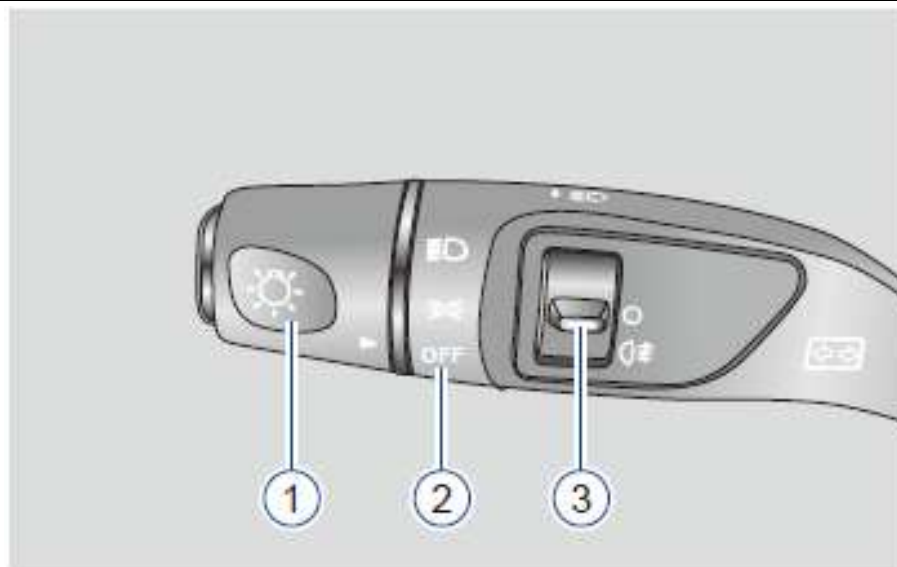
There is an emergency switch in the middle of the back door inside, and when the back door can't open from the outside, you can prize up the cover outside the emergency switch from the vehicle, as shown in the figure above.



Pull the emergency switch to the right to unlock the back door.



Light control combination switch



1. Light control switch
2. Light switch handle (control high beam and low beam and left and right steering lamps)
3. Fog lamp control switch

Steering light




Pull the light switch handle upwards and light on the right steering lamp; Pull the light switch handle downwards and light on the left steering lamp;

When the steering lamp is lit on, the steering lamp is extinguished when the steering wheel is turned back or the light switch handle is pulled to the middle position after the vehicle turns.

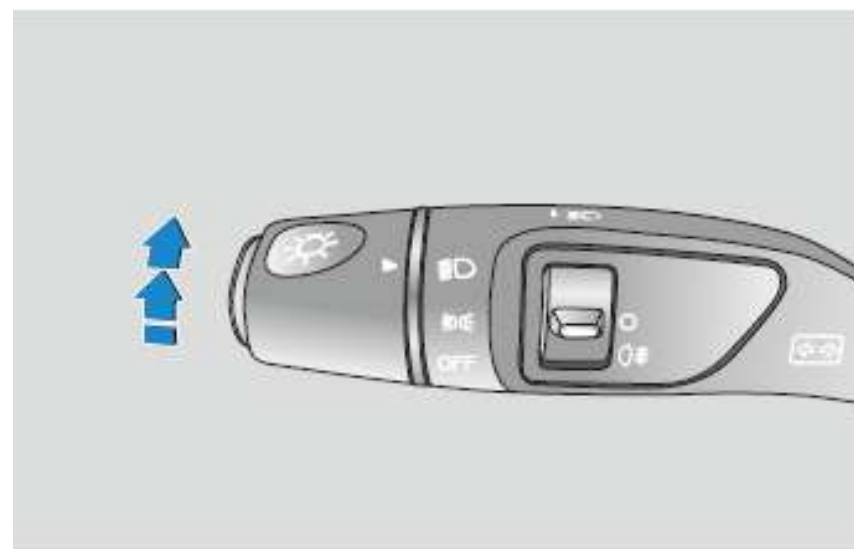
When the vehicle is changing lanes, pull the handle of the light switch slightly to the resistance point, and release to make it back, and the corresponding steering lamp flashes for three times.


Position light



Turn the light control switch counterclockwise to make the ► sign point to position on the light  control switch (as shown in the figure above) and the position lamp is lit on.

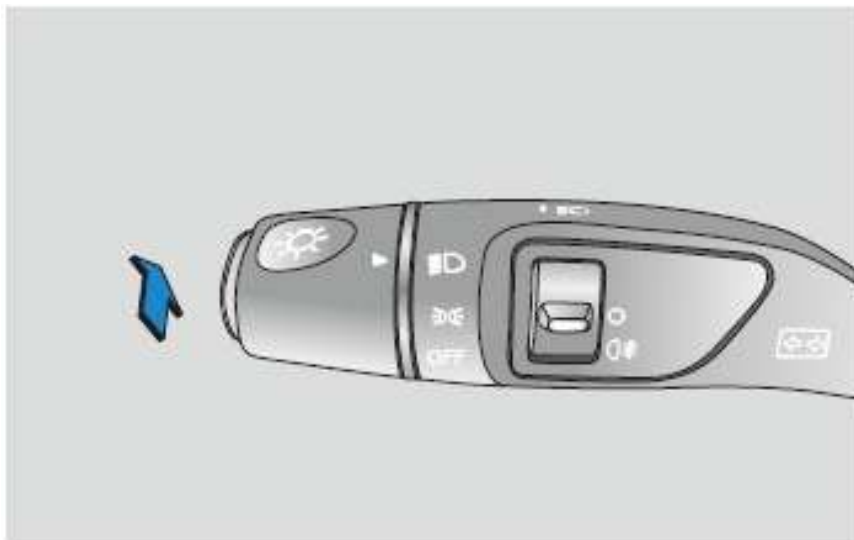
Low beam



Turn the light control switch counterclockwise to make the sign point to ► position on the light  control switch (as shown in the figure above) and the low beam is lit on.

When using the intelligent key to lock the door, if the low beam is not closed, shut down the low beam within 5s automatically.

High beam



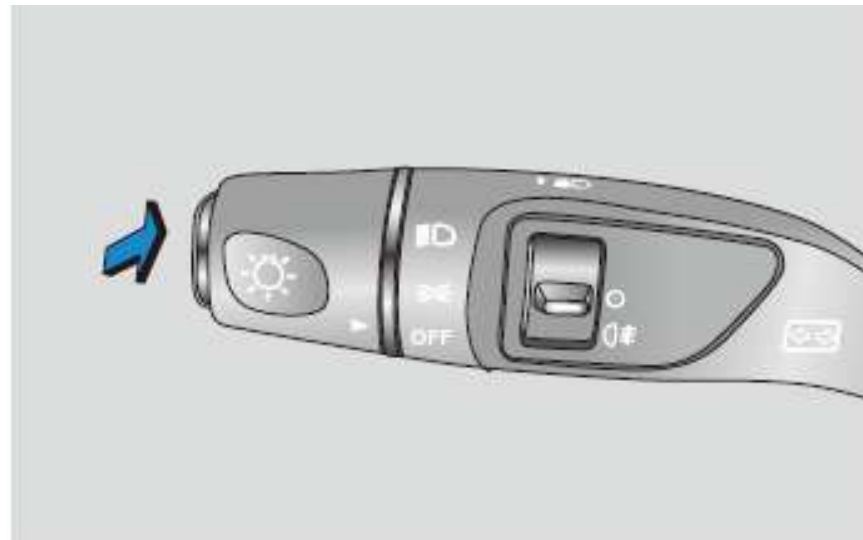
When the low beam is opened, push the light switch handle to the direction away from the steering wheel and open the high beam, and the light switch handle returns automatically; Then push the light switch handle to the direction away from the steering wheel and close the high beam, and the light switch handle returns automatically.



Alarm!

When vehicles meet at night, please turn off the high beam!

Flashlight



Pull the light switch handle to the direction of the steering wheel and the high beam lights on (there is no need to connect the low beam switch); Release the light switch handle, and the high beam lights out. Repeatedly pull and release the light switch handle and the high beam flashes frequently. Please use this function when overtaking.

Headlight delay closed

After turning off the vehicle, turn the light switch in sequence: The light switch OFF → low beam (position lamp) → high beam → low beam (position lamp) → OFF, low beam lights on for 5 minutes.

After the headlight delay function is opened, if any door state changes, the headlight delay function delays for 3 minutes to extinguish, this function can be stacked up to ten times.

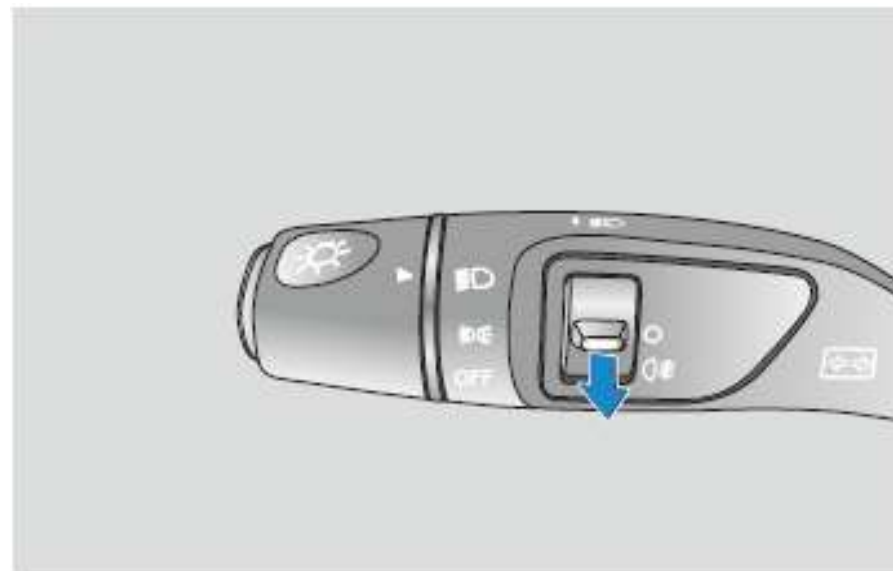
When the light of parking position is poor, the function can be used so that it can return home with light.



Notice!

One-key start switch is placed in the OFF gear for more than two minutes, and it is unable to activate this function.

Rear fog light



When opening the low beam, dial the fog lamp control switch clockwise, make the /sign on the fog lamp control switch point to the position and release after that, and rear fog lamp lights on, and fog lamp control switch automatically returns.

When lighten the rear fog lamp, dial the fog lamp control switch clockwise, make the /sign on the fog lamp control switch point to the position and release after that, and rear fog lamp lights off, and fog lamp control switch automatically returns.

Rear fog light



Alarm!

Only allow the rear fog lamp to be opened according to the requirements of regulations, so as not to dazzle the driver of vehicle behind.

Daily driving light



1. Daily driving light

Start the engine, and electronic parking is released (for the vehicle with an automatic transmission, it is needed to exit the P gear) and the light switch is in the OFF position, and daytime driving lamp lights on.

When the engine stops or the light switch is not in the OFF position, the daytime driving lamp lights off.

Stoplight and high-level stoplight



1. High-level stoplight
2. Stoplight

When the driver is stepping down the brake pedal, the stoplight and the high-level stoplight are lighted on to remind the rear vehicle to pay attention to it and prevent the rear end collision. When the driver releases the pedal, the stoplight and the high-level stoplight is extinguished.

License plate lamp



The license plate lamp is located on the back door (as shown in the figure above), the license plate lamp and position lamp are controlled by a switch jointly, and when the position lamp is opened, the license plate lamp will be lit on simultaneously.

Door opened alarm light (front door)



When the door is opened, the door opens and the warning lamp is lit on.

*Outdoor handle illuminating light



When the door is unlocked by the intelligent key, the door handle lamp is lit on to remind the specific positions of the outside door handles of the driver and occupant.

When the door is locked with the intelligent key or the one-key start switch is placed in the "ON" gear, the outside door handle lamp is lit off.

When the vehicle stops and any door is opened, the outside door handle lamp is lighted on continuously.

* LOGO projection light (front door)



The LOGO projection lamp is located at the bottom of the left front and right front doors. When the door is opened, the projection lamp is automatically lit on.

* Foot lamp



The foot lamp is located on the lower guard board of instrument plate at the upper part of feet of the driver and the front occupant.

When the power supply is "OFF" gear, any door opens and the foot lamp is lit on;
When all the doors are closed, the foot lamp is lit off automatically.

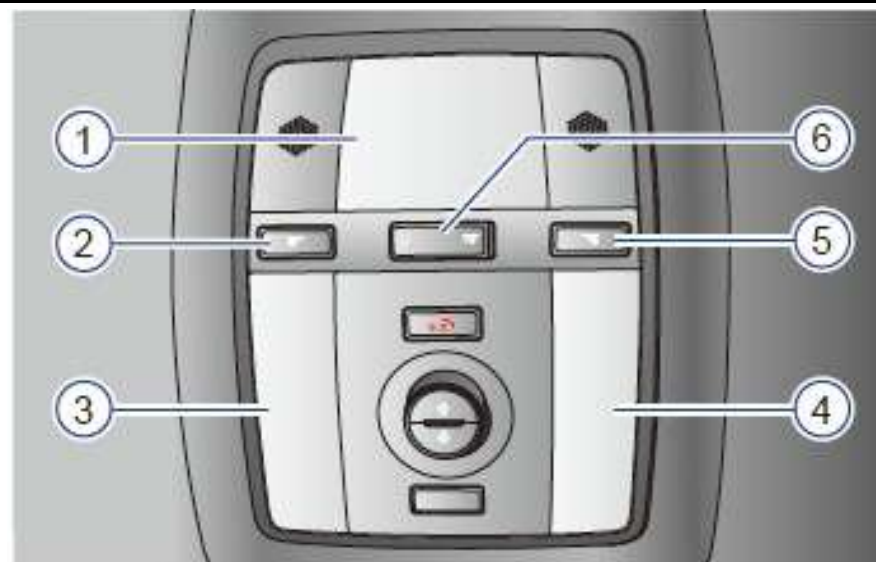
* Interior atmosphere lamp



When the power is not turned on, turn on or turn off the position lamp, the atmosphere lamp (instrument, side instrument, four doors, ceiling) in the vehicle lights on.

Turn on the power supply, and when the light combination switch is in non-OFF gear, the atmosphere lamp (instrument, side instrument, four doors, ceiling) in the vehicle lights on.

Reading lamp



1. Front room top lamp
2. Driver side reading lamp switch
3. Driver side reading lamp
4. Co-driver side reading lamp
5. Co-driver side reading lamp switch
6. Front room top lamp switch /DOOR switch

Reading lamp

When the reading light switch is pressed, the side reading lamp is lighted; Pressed again, light out.

Press the front room top lamp switch /DOOR switch to the right, front room top lamp lights on, and press the left front room top lamp switch /DOOR switch to the left, front room top lamp lights out.

When placing the front room top lamp switch /DOOR switch in the middle position, DOOR switch is started.

- If you open any door, front room top lamp lights on, and when the door is closed, the front room top lamp lights out after lighting on for 15s;
- If one-key start switch is shifted to "OFF" gear or the engine lights out, front room top lamp lights out after lighting on for about 30s.

Hazard warning lights



Press this switch to turn on the hazard warning lights, all steering lamps will flash, press again to turn it off.

If the vehicle is parked at a place where traffic accidents may occur, a hazard warning lights should be opened to alert the drivers of other vehicles.

When the hazard warning lights is lit on, the steering lamp switch doesn't work

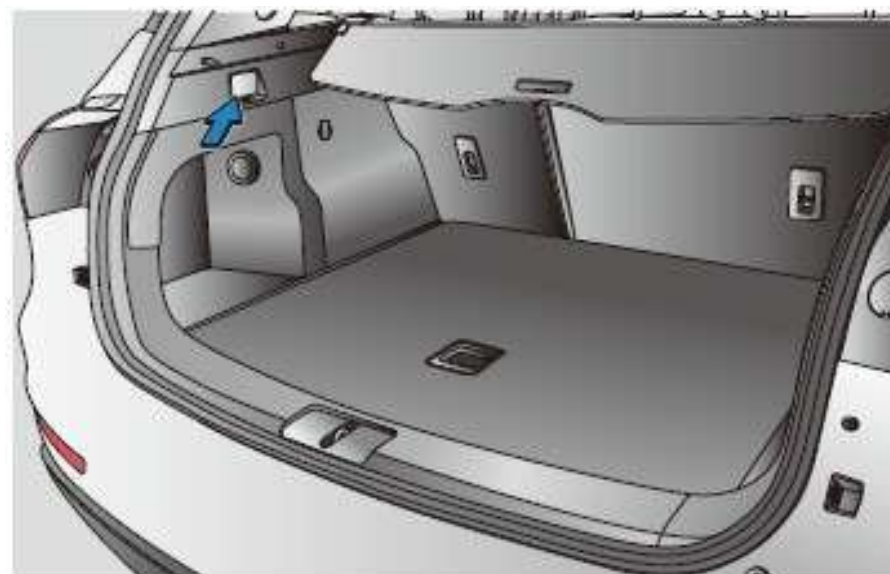
Hazard warning lights



Notice!

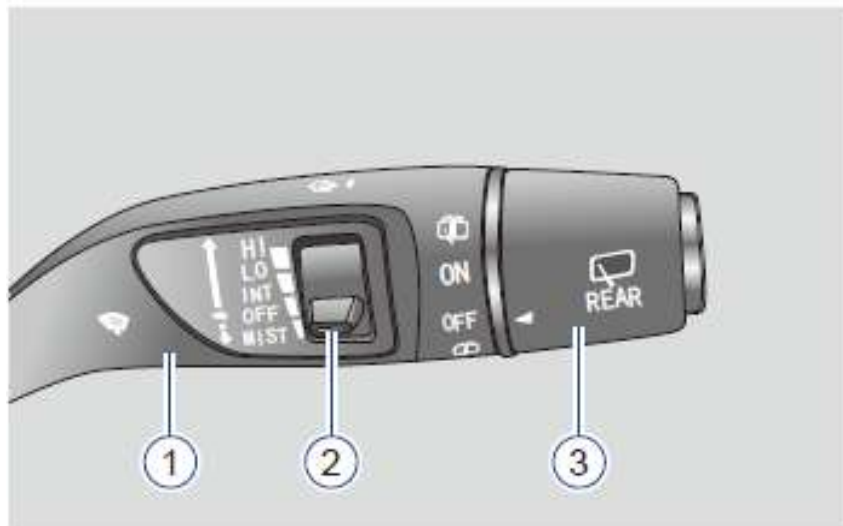
In order to prevent the storage battery power from running out, when the engine stops, the hazard warning lights should be closed when it is not needed to use.

* Trunk lamp



The trunk lamp is located on the left side of the trunk (as shown in the figure above). When the back door is opened, the trunk lamp will be automatically lit on to facilitate to get stuff.

Windscreen wiper switch

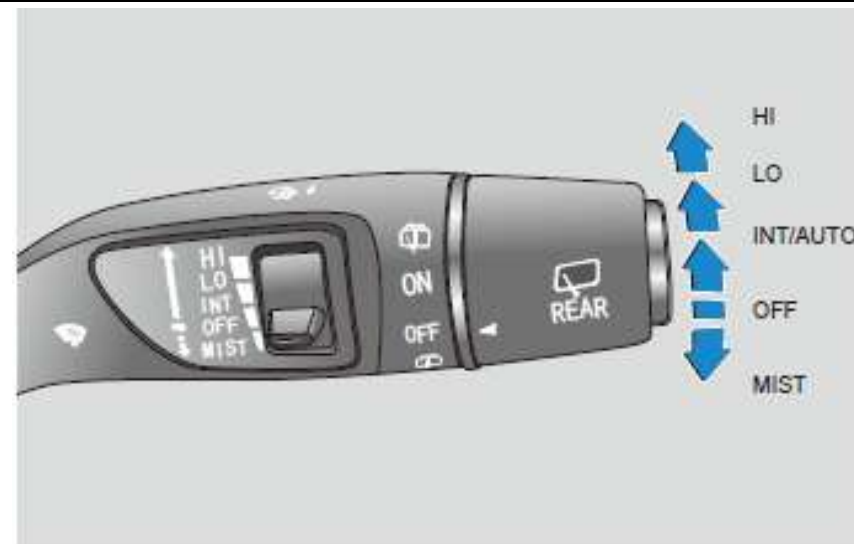


1. Wiper control handle
2. Intermittent wiping cycle adjustment switch
3. Rear wiper control switch

Notice!

- Wiper and scrubber can work when the power supply is in "ON" gear.
- When windshield is in dry state or dust, sand and gravel exist on the top, and do not use the wiper, otherwise it will scratch the glass, and affect the service life of wiper blade.

Front windscreen wiper



High speed wiping

Put the wiper control handle to the "HI" gear position, and the front wiper will run at high speed.

Low speed wiping

Put the wiper control handle to the "LO" gear position, and the front wiper will run at low speed.

* Intermittent wiping

Put the wiper control handle to the "INT" gear position, and the front wiper will run with interval.

Front windscreen wiper

At this point, the rotating intermittent wiping cycle adjustment switch can be set with the front wiper operating cycle. When the scale bar pointed by the intermittent wiping cycle adjustment switch is from narrow to wide, the wiper working amplitude is from slow to fast.

* Automatic wiper

For the vehicle equipped with automatic wiper function (equipped with a rain sensor on the front windshield), dial the wiper control handle to the "AUTO" gear position, which will open the inductive wiper function. The vehicle will select the appropriate gear according to the rain sensor signal to automatically turn on and turn off the wiper.

Turn off wiper

When the wiper control handle is dialed to "OFF" gear position, the front wiper can be turned off.

Single wiping

The wiper control handle is dialed to the "MIST" gear position downwards and the wiper control handle automatically returns to the "OFF" gear position, and front wiper can wipe in one time.

If the wiper control handle has been controlled in the "MIST" gear position, the front wiper is wiping all the time.

Front windshield cleaning



The power supply is "ON" gear, and the wiper control handle is pulled up toward the steering wheel side according to the direction of the arrow as shown in the figure, i.e., washer switch before switching on: The water injection nozzle sprays water toward the front air window on the engine compartment cover, and the wiper starts wiping later.

The wiper handle is released, the washer stops working, and the wiper runs for about 3 cycles.

* Headlight washing





1. Headlight washing plug cover

The power supply is "ON" gear, the wiper control handle is pulled up toward the steering wheel side and not released, and the front air window cleaning function is started, and the headlight cleaning function is started after about 5s.

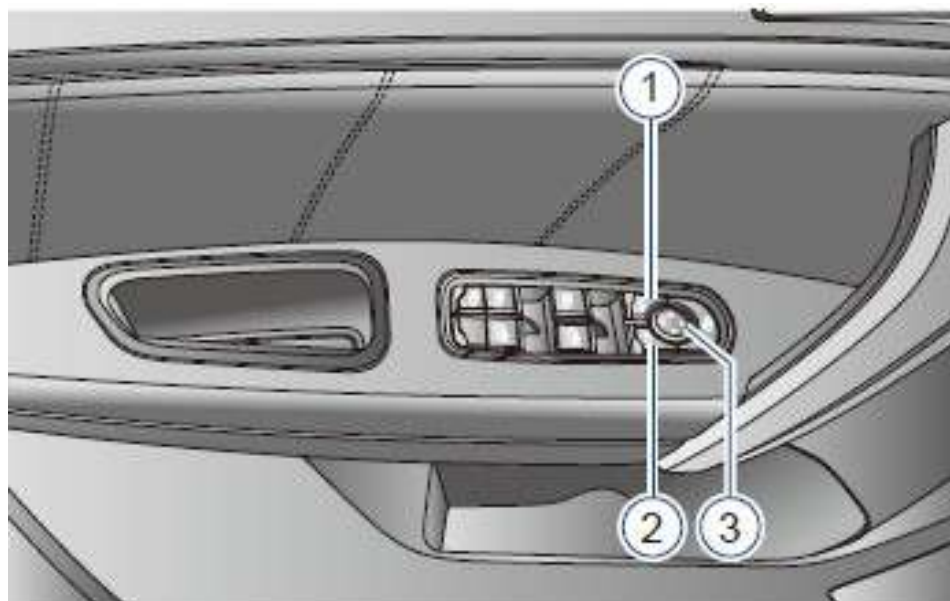
Rear windscreen wiper





When the rear wiper control switch is turned from the "OFF" gear position to the "ON" gear position counterclockwise, the rear wiper begins to wipe. Continue to turn to  position counterclockwise, spray and wipe water, and when it is loosened by hand, the rear wiper control switch automatically returns to "ON" gear position, continue to wipe water. When the rear wiper control switch turns to the "OFF" gear position, the rear wiper stops working.

When the rear wiper control switch turns to  position from the "OFF" gear position clockwise, spray and wipe water. After it is released by hand, the rear wiper control switch automatically returns to the "OFF" gear position, and the rear wiper stops wiping water.

Exterior rearview mirror electric adjustment



1. Exterior rearview mirror selector switch on main driver's side
2. Exterior rearview mirror selector switch on co-driver's side
3. Exterior rearview mirror adjusting button

When the power supply is on "ON" gear, press the selection switch of exterior rearview mirror at main driver's side  or co-driver's side to select the exterior rearview mirror  which needs to be adjusted

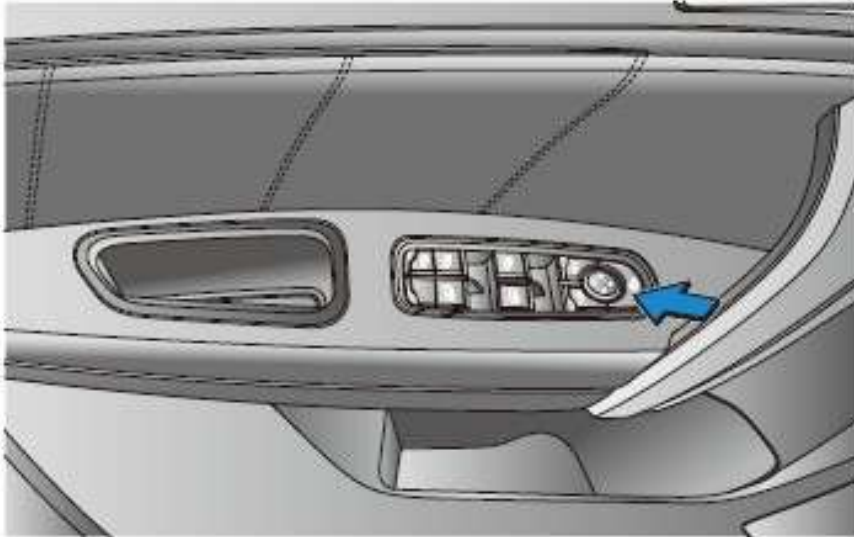
Press the position on the exterior rearview mirror adjustment button and adjust the angle of the exterior rearview mirror up and down, top and bottom. When the exterior rearview mirror is adjusted well, turn off the exterior rearview mirror selector switch of main driver's side or exterior rearview mirror selector switch of co-driver's side.

Notice!

- After exterior rearview mirror is adjusted completely, it is necessary to close the exterior rearview mirror selector switch of main driver's side or exterior rearview mirror selector switch of co-driver's side, to avoid accidentally touching the exterior rearview mirror selector switch adjustment button to change the position of exterior rearview mirror at one side.
- If the rearview mirror is frozen. Do not operate the control switch or wipe the mirror randomly, and it is necessary to use a jet deicer clean mirror.




* Exterior rearview mirror electric folding / unfolding



Exterior rearview mirror electric switch folding

A vehicle has an electric folding exterior rearview mirror function. When the one-key start switch is placed in the "ACC" or "ON" gear position, press the exterior

rearview mirror folding switch  the exterior rearview mirror folding; When pressing again, the exterior rearview mirror is unfolded.

Remote control folding of exterior rearview mirror

Automatically folding or unfolding:

When the one-key start switch is placed in the "OFF" gear position, and all the doors are closed, operate according to the following way, the exterior rearview mirror vehicle is not locked, and press the lock key of the intelligent remote control key

- Short press ($<2s$), the whole vehicle is locked, and after 5s, enter the defense state, and exterior rearview mirror is not folded;
- Short press and then long press, the exterior rearview mirror is folded (stop automatically after 5s); Long press ($\geq 2s$), vehicle is locked, exterior rearview mirror folding (stop automatically after 5s).

The whole vehicle has been locked, and press the unlock key of the intelligent remote control key

- Short press ($<3s$), vehicle is locked, exterior rearview mirror unfolding (stop automatically after 5s).
- Long press ($\geq 3s$), vehicle is locked, exterior rearview mirror unfolding (stop automatically after 5s).



Notice!

- Do not manually fold the exterior rearview mirror with electric folding function, so as to avoid the internal mechanical failure of the exterior rearview mirror.
- The rearview mirror is folded or unfolded before the vehicle is locked, short or long press to lock and the rearview mirror does not act.

* Electric heating defrosting of exterior rearview mirror



Descriptions

Press the rear air window / exterior rearview mirror defrost mode button on the air conditioning panel, and the rear air window / exterior rearview mirror defrost function is opened simultaneously.

If there is no other operation, the rear air window / exterior rearview mirror is automatically closed after defrosting for 15 minutes.

When the vehicle is running in rain, snow, fog and other weather, the surface of the exterior rearview mirror may be condensed with fog, which hinders the sight. At this time, "rear air window / exterior rearview mirror defrost mode button" on the air conditioning control panel can be used to start the exterior rearview mirror defrost function, heat through the electric heating wire in the exterior rearview mirror lens, make the lens surface clear.

* Anti-glare interior rearview mirror



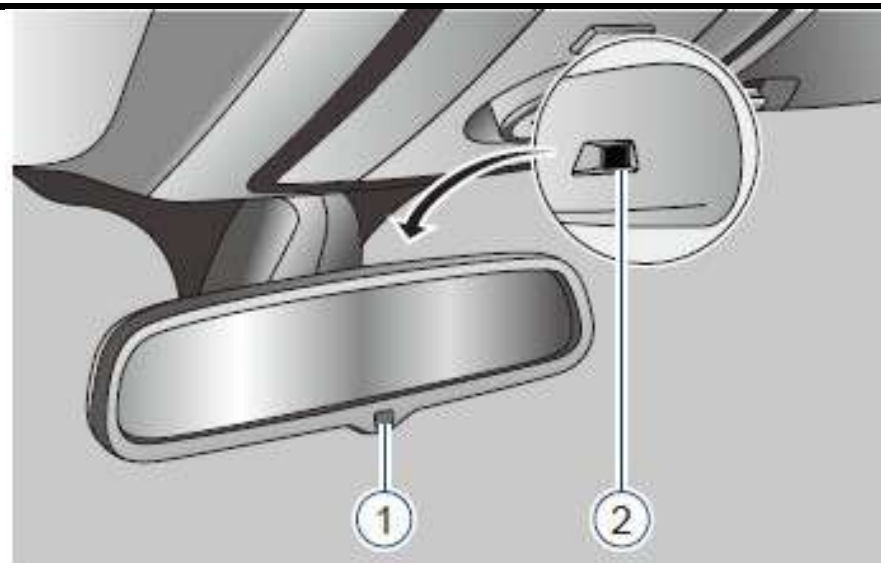
Adjust the flip handle on the interior rearview mirror to change the reflectivity of the interior rearview mirror. When the rear vehicle light is too strong, make the mirror rotate one angle by pulling the flip handle at the lower end of mirror and select the lower reflectivity surface between two plane mirrors with different reflectivity as the observation surface, so the rear vehicle information can be seen and will not dazzle.



Alarm!

Prohibit the adjustment of the rearview mirror in the vehicle movement, so as to avoid danger!

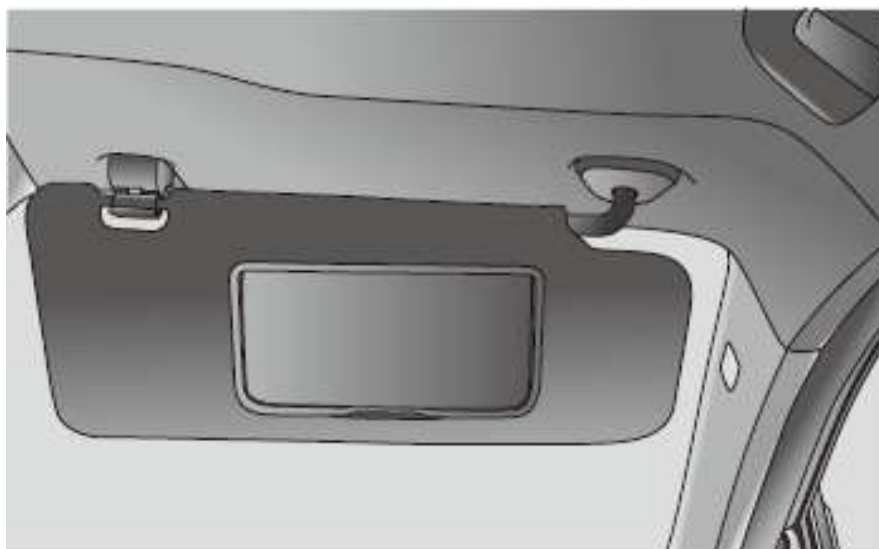
* Electronic anti-glare interior rearview mirror



1. Front light sensor
2. Rear light sensor

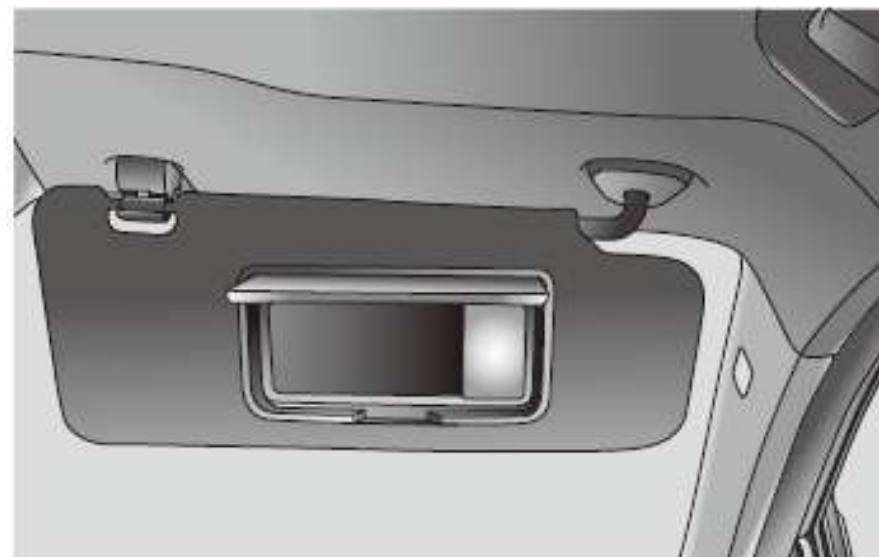
The electronic anti-glare interior rearview mirror can change the reflectivity of the interior rearview mirror by the induction effect of the front / rear light sensor, so as to see the situation behind the vehicle and not glare.

Sun visor



There is a sun visor on the front top of driver and the front top of the co-driver. Turn down the sun visor to shade the sunlight or light from the top or front. Pull out the sun visor from the opening of the fixing card of the sun visor and turn it to the side, which can block the sunlight or light from the side.

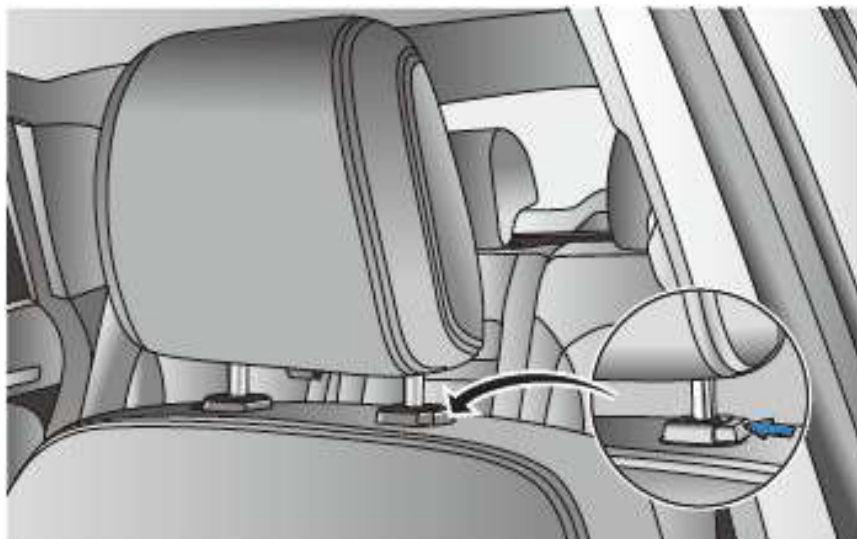
Makeup mirror (with lighting)



There is a makeup mirror on the sun visor, and the makeup mirror is equipped with an illuminating lamp. When the makeup mirror cover is opened, the illuminating lamp is lit on, the makeup mirror cover is closed, and the illuminating lamp is lit out.

Makeup mirror with cover plate. To use the makeup mirror, you need to turn over the sun visor and open the makeup mirror cover. After use, close the makeup mirror cover and turn back the sun visor.

Head restraint



Head restraint regulation

Press and hold the lock button located at the top of the backrest, and move the head restraint up and down to the desired height. After the head restraint is adjusted completely, it should pull up or press down the head restraint again to ensure that the head restraint has been locked in place.

**Alarm!**

The head restraint must be properly adjusted so as to protect the occupants effectively during an accident.



Correct adjustment of head restraint is essential to protect occupant and reduce accident injury rate.

The front and rear seats of the vehicle are equipped with adjustable head restraint. Before driving, the driver and occupants should adjust the height of the head restraint so that the top of the head restraint is leveled to the head restraint top and occupant's head.

**Alarm!**

If the head restraint is not properly installed and adjusted, the occupant will have a greater chance of suffering from neck / spine injury during the vehicle collision accident. Before driving, please confirm that all the occupant's head restraints have been correctly installed and adjusted.



Front seat



* Manually adjust seat

1. Front and rear adjusting joystick
2. * Seat cushion height adjusting handle for driver seat
3. Backrest inclination angle adjusting handle

Front and rear adjustment of seat

- Pull up the joystick 1 and hold it, move seat front and back to the right position.
- Release the joystick 1, move the seat a little bit, until the seat locking mechanism locks.

* Seat height adjustment

- Repeatedly pull up or press down handle 2, the seat will move up or down, adjust the seat to the appropriate height.

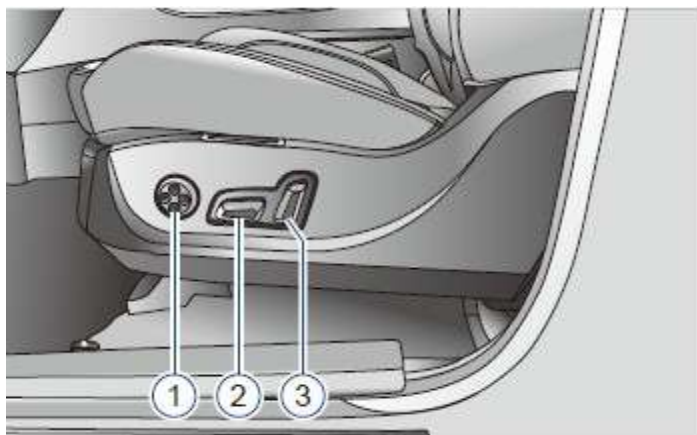
Backrest angle adjustment

- Pull up the joystick 3, back leaves the backrest a little bit or force backwards, and adjust the backrest to the right angle. Then release the joystick 3 and lean on the seat backrest a little until the seat backrest lock mechanism locks.

Alarm!

- Don't adjust seats on the way. Move the seat when driving, which will lead to losing control of the vehicle, so danger occurs.
- Don't lay the seat backrest flat when you're driving, otherwise the safety belt shoulder strap will not be tied tightly to the occupant's chest. In the collision, the occupant will slip out of the bottom of safety belt and suffer serious damage.

Front seat



*Electrical adjust seat

1. * Front and rear adjusting switch of waist support
2. Front and rear adjusting switch
3. Backrest inclination angle adjusting switch

Front and rear adjustment of seat

- Forward or backward pushing switch 2, can adjust the front and rear position of seat.

Seat cushion front end height adjustment

- Press the front of the switch 2 up or down, and adjust the front end height of the cushion up and down.

* Backrest waist adjustment

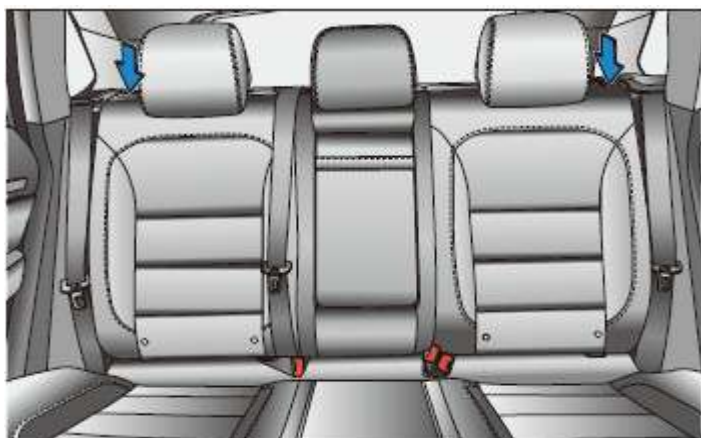
- Press the depressed dots on the adjusting switch 1 forward or backward, and the lumbar support is supported forward or compressed backward.

Backrest angle adjustment

- Press switch 3 forward or backward, and it can adjust the backrest inclination.



Rear seat



Before turning the rear seat backrest forward, please adjust the position of the front seat so as to avoid it to be damaged due to the rear seat backrest turned forward.

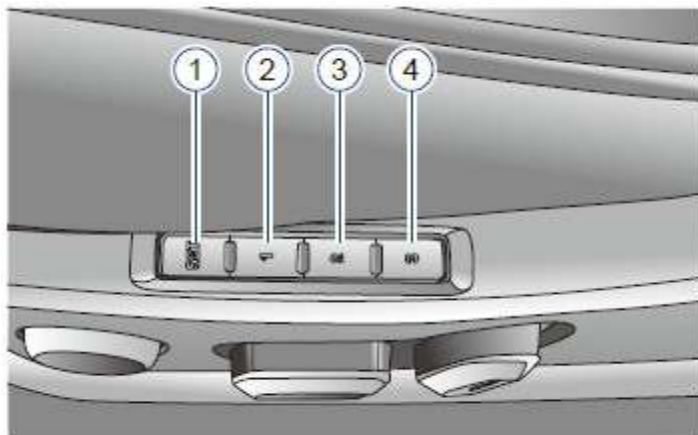
Press the unlock mechanism and unlock the backrest of the rear seat and turn it forward completely. The space in the trunk can be expanded by turning the backrest of rear seat forward.

When the rear seat backrest is turned back, turn the backrest until it is locked, and then pull the rear seat backrest to check whether it is fixed well.

Alarm!

- After the rear seat backrest is turned back, the safety belt and safety belt lock must be located in the normal backing position.
- The rear seat backrest must be firmly locked, so that there will be no product slipping from the trunk into the carriage during the emergency braking!
- Please ensure that the rear seat backrest is properly locked so that the safety belt can reliably perform its function.
- Before turning the backrest of the rear seat back to the locked position, the rear side safety belt must be placed at the edge of the inner trim panel of the vehicle body to prevent the safety belt clamp from being between the back seat backrest and the inner trim panel and thus, it is damaged.

* Memory function of electric seat



1. Memory switch
2. Position key 1
3. Position key 2
4. Position key 3

When the power supply is "ON gear", adjust the seat to the required position, and then press the seat memory switch SET key, and then press any position key, and you can record the current position of the seat in the corresponding position key. Once the storage is finished, press any position button and adjust the seat to the position set by the button.

When you need to remember a new location, repeat the storing operations above, and the set current position will be recorded at the corresponding position key. This memory function supports 3 linkage memory settings and storage.



Alarm!

For the sake of safety, the seat and exterior rearview mirror position can be adjusted only when the vehicle stops. Otherwise, the risk of accidents will occur!



Descriptions

When the memory position of the seat is restored, the relative operation can be realized only by pressing the position key 1 (or key 2 or key 3) without long time pressing.

* Heating and ventilation of front seat

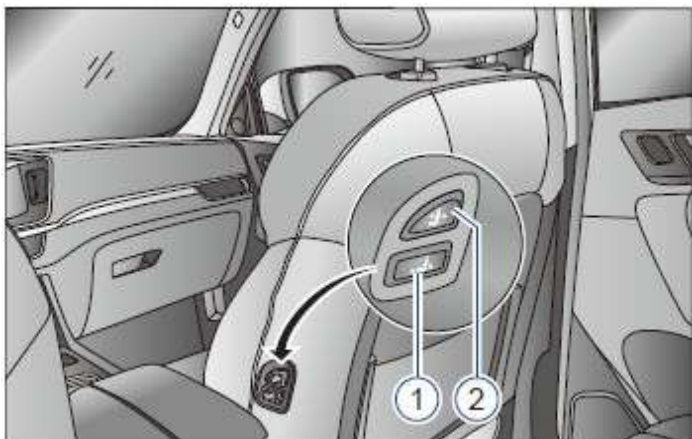


1. Driver seat ventilation key switch
2. Driver seat heating key switch
3. Co-driver seat heating key switch
4. Co-driver seat ventilation key switch

The front seat heating and ventilation key switch is located on the air conditioning panel as shown on the left figure.

The front seat heating and ventilation key switch has three gears "1", "2" and "3", and the gear is displayed by the number of indicator lamps.

* Seat boss key



1. Front and rear adjustment key of seat
2. Backrest inclination angle adjusting key

On the rear seat, it can adjust the seat front and rear position and the backrest inclination angle by the boss key on the seat backrest of the front occupant seat (as shown in the figure above), providing more enjoyment space for the rear occupant.

Front and rear adjustment of seat

- Press the front end of key 1 and hold it, and it can make the seat move forward; Press the rear end of key 1, and it can move the seat back, and when the key is released, the seat stops moving.

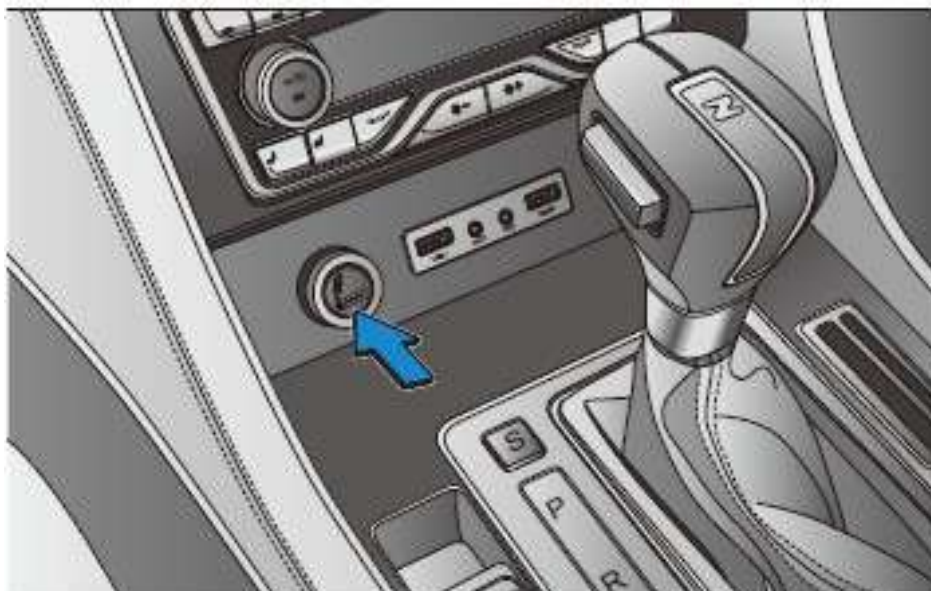
Seat backrest inclination angle adjustment

- Press the front end of key 2 and hold it, and it can make the seat backrest incline forward; Press the rear end of key 2, and it can incline the seat backrest back, and when the key is released, the backrest stops moving.

Alarm!

- Don't adjust seats on the way. Move the seat when driving, which will lead to losing control of the vehicle, so danger occurs.
- Don't lay the seat backrest flat when you're driving, otherwise the safety belt shoulder strap will not be tied tightly to the occupant's chest. In the collision, the occupant will slip out of the bottom of safety belt and suffer serious damage.

Cigarette lighter



The cigarette lighter is located under the air conditioning control panel, as shown in the figure above.

When using, press the ignition button of cigarette lighter, please wait a moment, and after the cigarette lighter is heated, it will pop up on its own, pull out the cigarette lighter, and use the spiral electric wire to ignite your cigarette using burning red cigarette lighter. Please plug the cigarette lighter back into the socket after use.

Alarm!

- Be careful when using the cigarette lighter! If you don't notice or get out of control, it may cause a fire.
- The cigarette lighter can still work when the one-key start switch is switched off. Therefore, children must not be left unattended or stay in the vehicle, otherwise there is a risk of burns!
- When the one-key start switch is turned off, the socket and the electronic accessories connected to it can still work. Therefore, children must not be left unattended or stay in the vehicle, otherwise there is a risk of injury!

Front 12V outlet



The front 12V power socket is located below the air conditioning control panel, as shown in the figure above.



Notice!

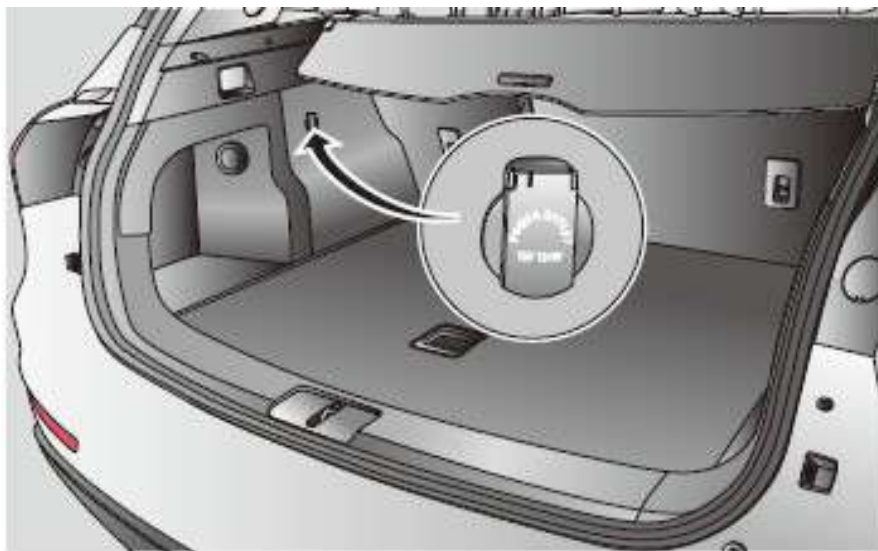
- The on-board power socket is the socket of 12V, and the power load on the socket is not allowed to exceed 120W.
- When the engine is closed, don't use the power socket for a long time, so as to avoid excessive discharge of the storage battery, and affect the starting of the vehicle.
- Please use the plug matched with the socket so as not to damage the socket.

Rear USB interface, 12V power socket



The rear USB interface and 12V power socket are located below the rear exhaust outlet. When used, press the edge of the cover plate forward, the cover plate pops up automatically, and the USB interface is opened or power socket cover can be used. When not in use, the edge of the cover plate can be pushed forward, and the cover plate is jammed and closed.

* Trunk 12V power socket



The trunk 12V power socket is located on the left side of the trunk, as shown in the figure above.

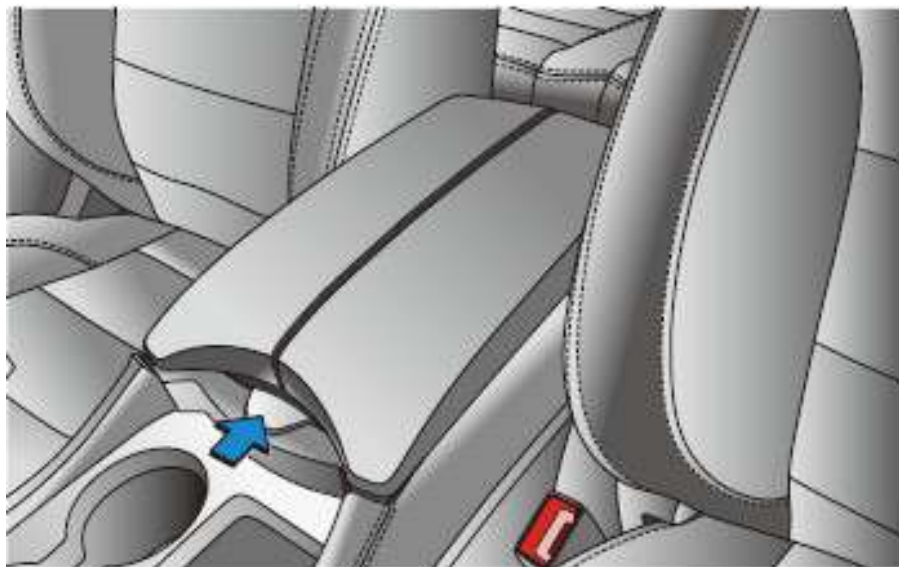
Open the power socket cap, insert the plug of the electronic device into the power socket, and use it.

! Notice!

- Please use the plug matched with the socket so as not to damage the socket.
- The rated voltage of the trunk power socket is 12V, and the power load on the socket is not allowed to exceed 120W.
- When the engine is closed and the electronic accessories are connected, the vehicle storage battery supplies power to the accessories. Please don't use the trunk power socket for a long time in this case.



Front-row central armrest box



The front central armrest box is located in the middle of the two front seats, which can provide elbow to support for the driver and occupants.

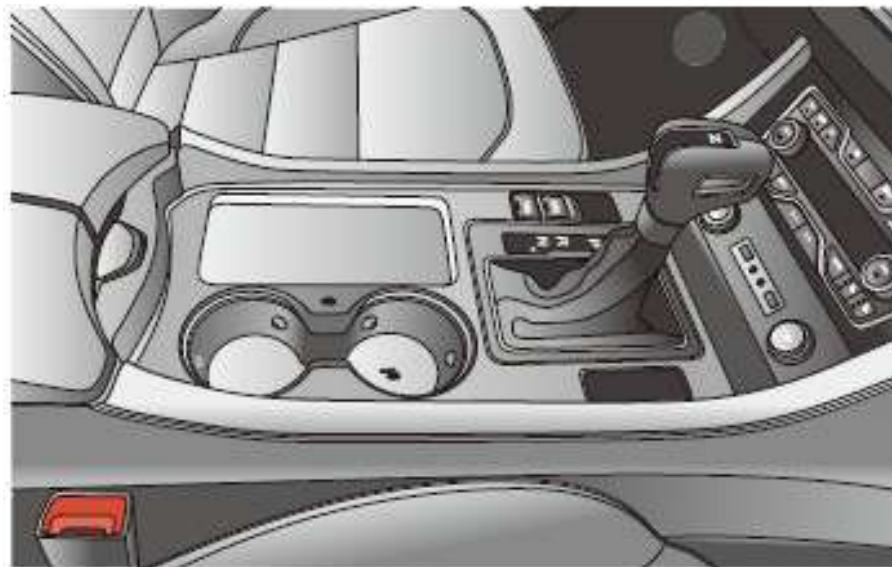
Press the armrest box cover switch and open the armrest box cover, and it can be used to store some small things.



Alarm!

In order to reduce the possibility of injury in the event of an accident or emergency brake, the armrest box must be closed when driving.

Front-row cup holder



Closed drinking utensils can only be placed in the front cup holder. Otherwise, beverage or water spills may lead to damage to the electronic equipment of the vehicle.



Notice!

The front cup holder can be used to place cup and other bottled beverage.

Rear-row seat central handle



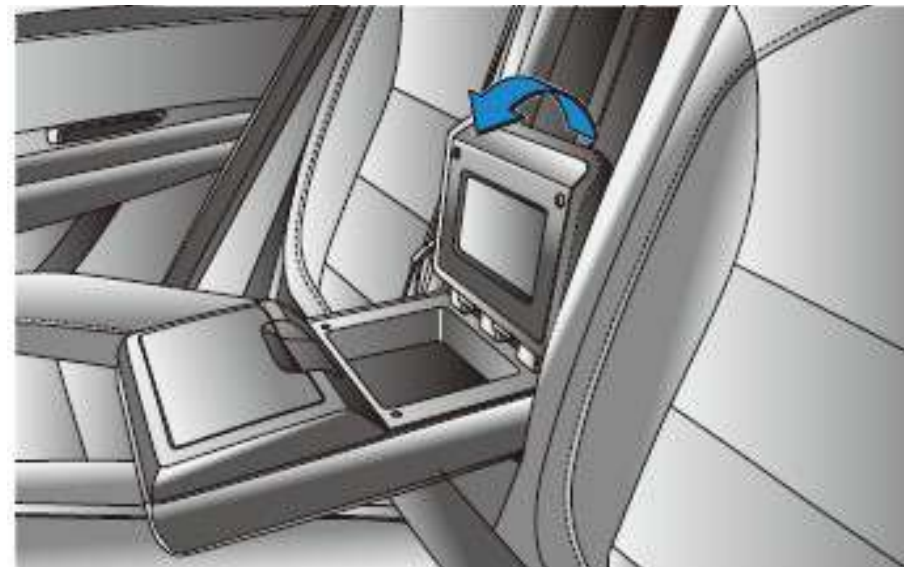
Rear-row seat central handle cup holder

The cup holder is in the center armrest of the back row, and the central armrest is pulled out, press down the back end of the cover plate of the cup holder, and the cover plate pops up.



Alarm!

Do not place hot drink in the cup holder during travelling. The spilling of hot



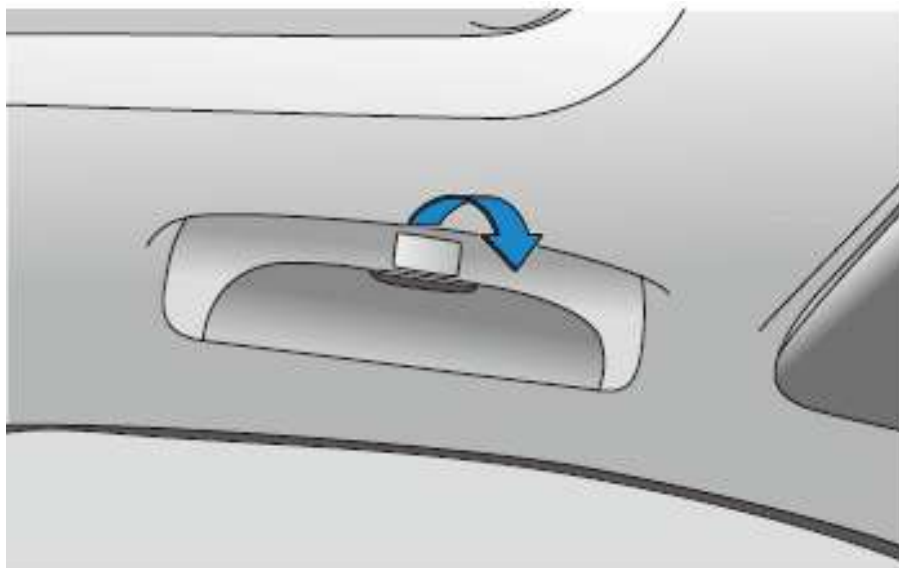
Rear-row seat central handle container

The container is located inside the center armrest in back row, as shown in the picture above.

drink may cause burn!



Glass box



The spectacle case is located at upper part and interior side of driver's side vehicle door frame, which will be opened pulling spectacle case outward, and closed when the releasing the spectacle case.

Glove box



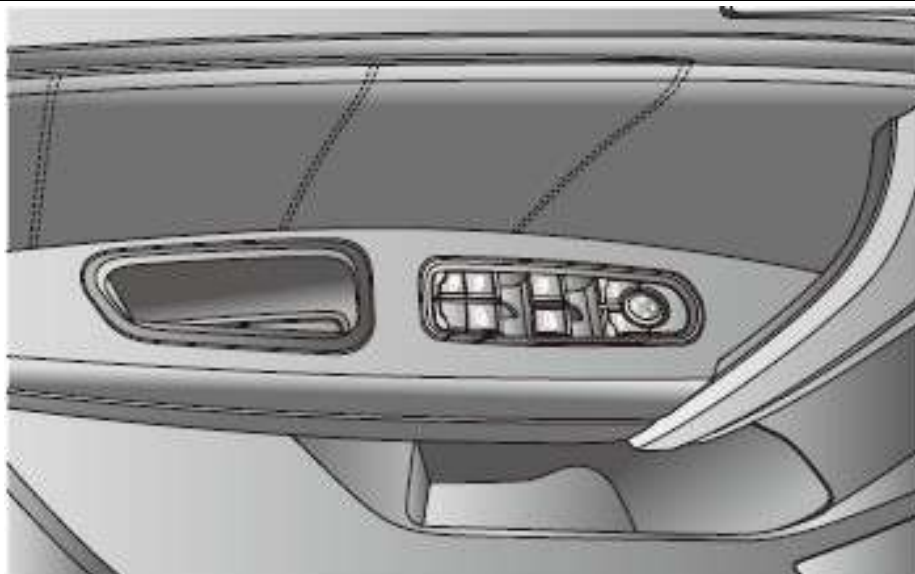
The glove box is located below the dashboard which is in front of co-driver. The glove box can be opened by pulling handle; Which can be closed by pulling upward after use.



Alarm!

For safety of travelling, please close the glove box.

Indoor trim panel sundries box



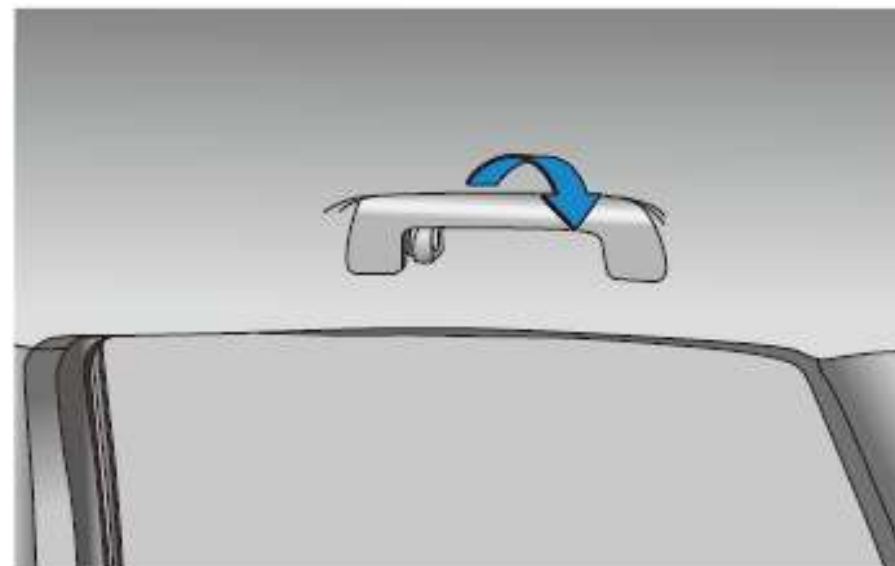
There is a container on each trim panel of four vehicle doors, which can be installed with some small items.



Notice!

Do not place any sharp articles in the vehicle door container to prevent any injury to passengers in case of accident or emergency braking!

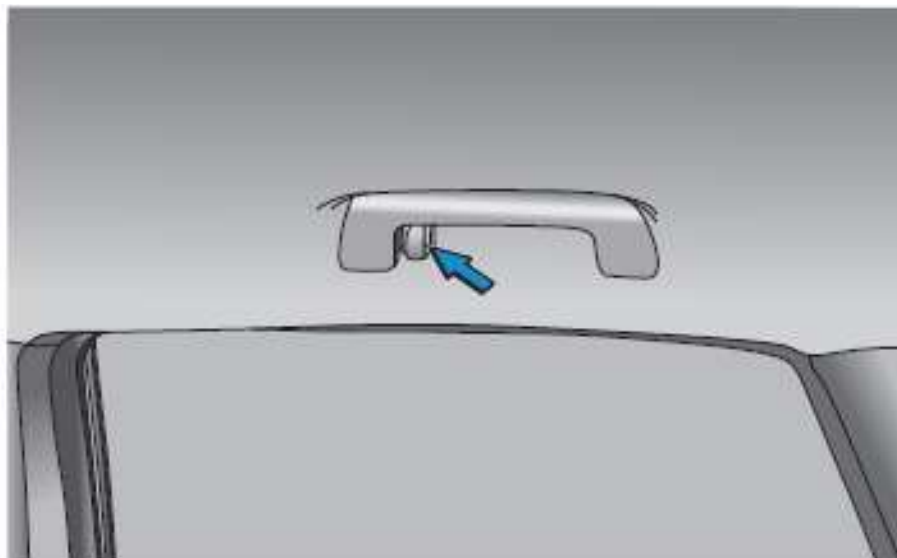
Indoor passenger handrail



Both the co-driver's side vehicle door and frame of vehicle doors at two sides in back row are configured with passenger armrest, which can be grasped by passengers for safety when the vehicle is passing through bumpy section.

There is spring device inside passenger armrest, which can make the passenger armrest return to normal position automatically when released.

Coat and hat hook



The coat and hat hook is located inside the upper armrest of the vehicle doors at two sides in back row.

Alarm!

- Cloth hung on the coat and hat hook should not limit the vision of driver to observe rear conditions.
- Only light cloth can be hung on the coat and hat hook and the pockets of such cloth should be free of heavier or sharp items, to prevent any injury to passengers in case of accident or emergency braking!

Trunk

Notice about trunk loading

1. All articles loaded in the trunk must be firmly secured in the trunk.
2. Loads in the trunk must be evenly distributed.
3. Heavier loads should be placed in the front part of trunk as possible.
4. After the loads are placed well, pull the cover in position.

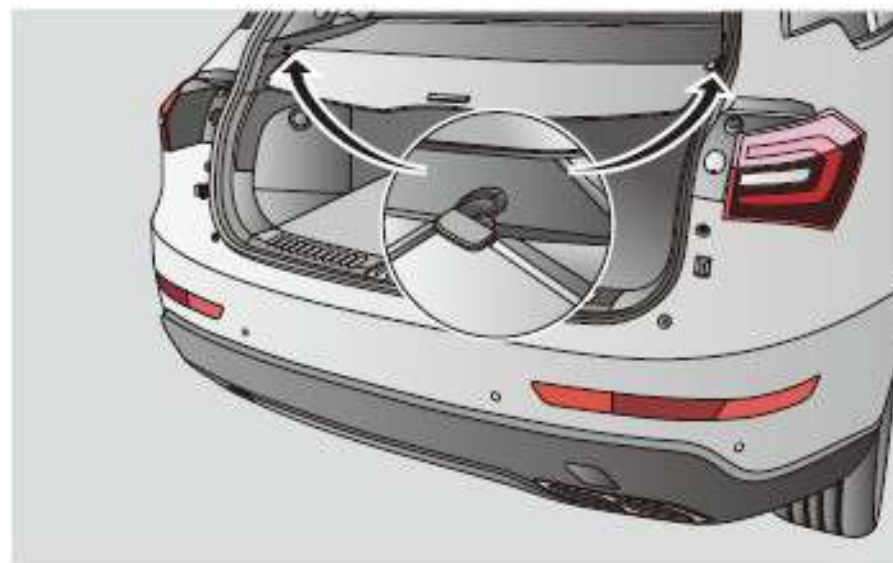
Alarm!

- Articles not secured will move in the trunk, causing the shift of centre-of-gravity of the vehicle and influencing the driving performance or safety of the vehicle.
- All articles loaded must be placed in the trunk and firmly secured. And pull the cover in position. Otherwise, articles in the trunk may cause unnecessary injury to passengers in back row in case of emergency brake.
- When transporting heavier articles, the driving performance of the vehicle may have accident as the shift of centre-of-gravity ! Therefore, you should adjust your driving mode and speed depending on specific conditions.

Trunk

Alarm!

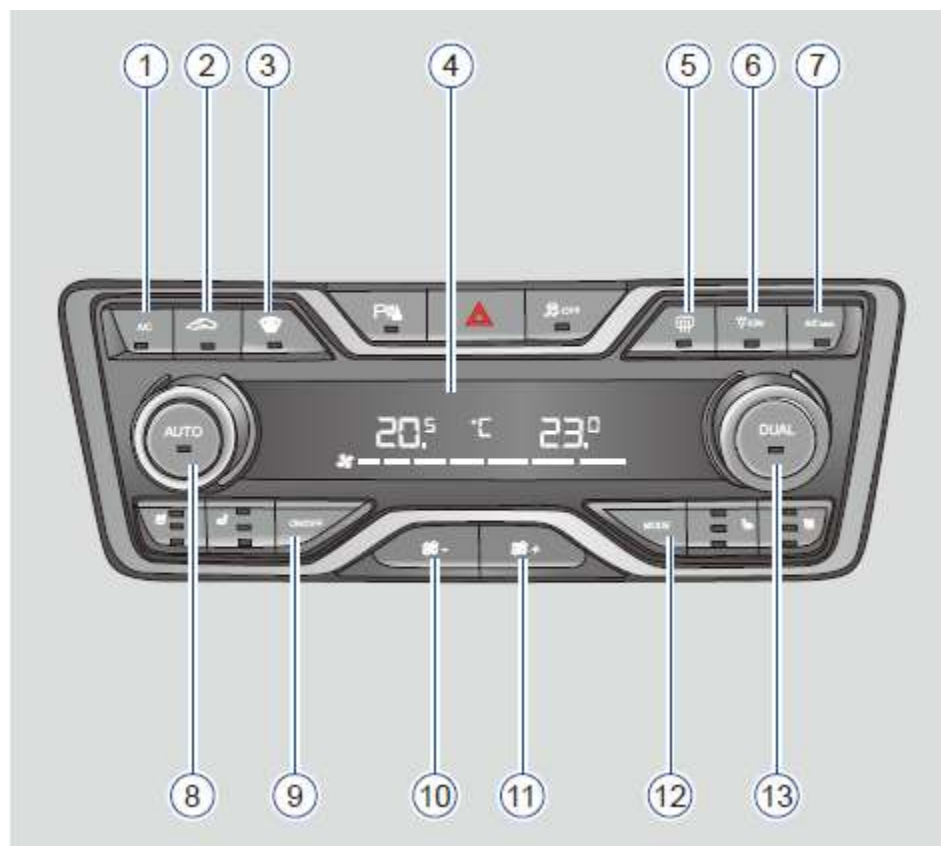
- Do not exceed allowable load and allowable total mass. If the allowable load or allowable total mass is exceeded, it may cause the change of driving performance of the vehicle, and occurrence of traffic accident and damage to the vehicle.
- Do not left the vehicle with back door opened attended. Children may enter into the trunk, and suffer the life risk if locked there when the back door is closed inside! Do not carry any passenger in the trunk.
- In order to prevent articles in the trunk being thrown up, the trunk cover must be firmly fixed in corresponding hold-down grooves. If improper or damaged trunk cover is used, articles in the trunk may cause injury to passengers in case of braking or traffic accident.



Trunk cover

When there is any goods loaded in the trunk, please pull the trunk cover in position and ensure the back end of which is in the hold-down grooves at two sides of the trunk, as shown in the figure above.

* **Two-zone automatic constant temperature air conditioner**



1. A/C button
2. Internal/ external circulation switch key
3. Front windshield defrost/demist mode button
4. Display screen
5. Rear window / exterior rearview mirror defrosting mode button
6. ION button
7. A/C MAX button
8. AUTO button / temperature setting knob
9. ON/OFF button
10. Air volume turn down button
11. Air volume turn up button
12. Blowing mode switch button
13. Dual zone control button DUAL / right side temperature setting knob



* Two-zone automatic constant temperature air conditioner

A/C button

Press down the A/C button, the compressor of air conditioner will be opened, and the indicator light on A/C button will be lit. Re-press down the A/C button, the compressor of air conditioner will be closed, and the indicator light on A/C button will be off.

Internal/ external circulation switch key


The internal & external circulation switch button can realize the manual switch between internal circulation and external circulation. Press down the internal & external circulation switch button, then the button indicator light will be lit, and the air conditioning system will enter into the internal circulation mode. Re-press down the internal & external circulation switch button, then the button indicator light will be off, and the air conditioning system will enter into the external circulation mode.



Alarm!

- Do not use internal circulation mode for long time, otherwise, there will be water mist outside the windshield, limiting driver's vision.
- Do not use the internal circulation mode for a long time, otherwise, it will cause dirty air and too low oxygen concentration, and windows should be opened for ventilation.

Front windshield defrost/demist mode button

Press down the button, then the air conditioning system will enter into the defrost/demist mode, and indicator light on the button will be lit, the air conditioner display screen will display the front windshield defrost  demist mode/icon. Press down the button again, then the air conditioning system will exit from the defrost/demist mode, and the indicator light on the button will go out at the same time.




Descriptions

Under the defrost/demist mode of front windshield, press down the AUTO button or A/C button to make the air conditioning system exit from the defrost/demist mode.

Display screen

The display screen will display the information about temperature, air volume gear at driver's side and front row passengers' side and blowing mode.

Rear window /exterior rearview mirror defrosting mode button

Press down the button, then the air conditioning system will enter into the rear window /exterior rearview mirror defrosting mode, the indicator light on the button will be lit, the air conditioner display screen will display the rear window /exterior rearview mirror defrosting mode  icon; Press down the button again, it will stop the heating, and the indicator light on the button will go out.



***Two-zone automatic constant temperature air conditioner**

ION button

Press down the ION button, the indicator light on the button will be lit, then the air cleaning unit will be started up.

A/CMAX button

Press down the A/CMAX button, the indicator light on the button will be lit, then the air conditioner will work under max refrigeration mode.

AUTO button /temperature setting knob

Press down the AUTO button, then the air conditioner controller will enter into the AUTO (automatic air conditioner) mode; the indicator light on the AUTO button will be lit. At this time, the air volume, air outlet mode, air inlet mode of air blower will be automatically adjusted to the state that can provide the most comfortable environment.

Under the AUTO (automatic air conditioner) mode, the automatic switch of internal and external air circulation and automatic startup of air cleaning system can be realized. If any manual control button is pressed down under AUTO mode, the air conditioning system will exit from the AUTO mode, and enter into the manual setup status.

Driver's side temperature setting knob: Driver's side temperature setting knob can be used for setting the driver's side temperature. Rotate the temperature setting knob in anti-clockwise direction, the temperature will be reduced; Rotate the temperature setting knob in clockwise direction, the temperature will be raised. For each grid the temperature setting knob rotates, the temperature will change by 0.5℃, and the temperature setting range is: 18.5℃~31.5℃。

ON/OFF button

Under the working status of air conditioning system, press down the ON/OFF button, then the air conditioning system will be closed. Information set up before the close of air conditioning system will be recorded. Press down the ON/OFF button again, the air conditioning system will be recovered to the work status before close.

Air volume turn down button

By pressing down the button, the air volume gear can be reduced.

Air volume turn up button


By pressing down the button, the air volume gear can be raised.





*Two-zone automatic constant temperature air conditioner


Blowing mode switch button

Press down the “MODE” ventilation mode button, the ventilation mode will switch among “blow upward→ blow upward and blow downward →blow downward→ blow downward and defrosting →blow upward”.

Blow upward mode: Under the blow upward mode, the air conditioner display screen will display the blow upward mode  icon, the airflow from central vent and side vent will blow to the driver and the direction of front row passengers above the dashboard.

Blow upward mode and blow downward mode: Under the blow upward mode and blow downward mode, the air conditioner display screen will display the blow upward mode and blow downward mode  icons, the airflow from central vent, side vent and bottom vent will blow to the direction of driver, front row passengers and to the bottom direction of driver and front row passengers.

Blow downward mode: Under the blow downward mode, the air conditioner display screen will display the blow downward mode  icon, the air conditioning wind will blow to the bottom of driver and front row passengers below the dashboard.

Blow downward and defrosting mode: Under the blow downward and defrosting mode, the air conditioner display screen will display the blow downward and defrosting mode  icon, the air conditioning wind will blow to the bottom of driver and front row passengers below the dashboard, and blow to front of front windshield and right and left front glass from the defrosting vent at the same time.

Dual zone control button DUAL/right side temperature setting knob

Press down the dual zone control button DUAL, DUAL indicator light will be lit, the air conditioner will enter into right and left dual zone separate control mode, the temperature setting knobs at two sides can be controlled separately.

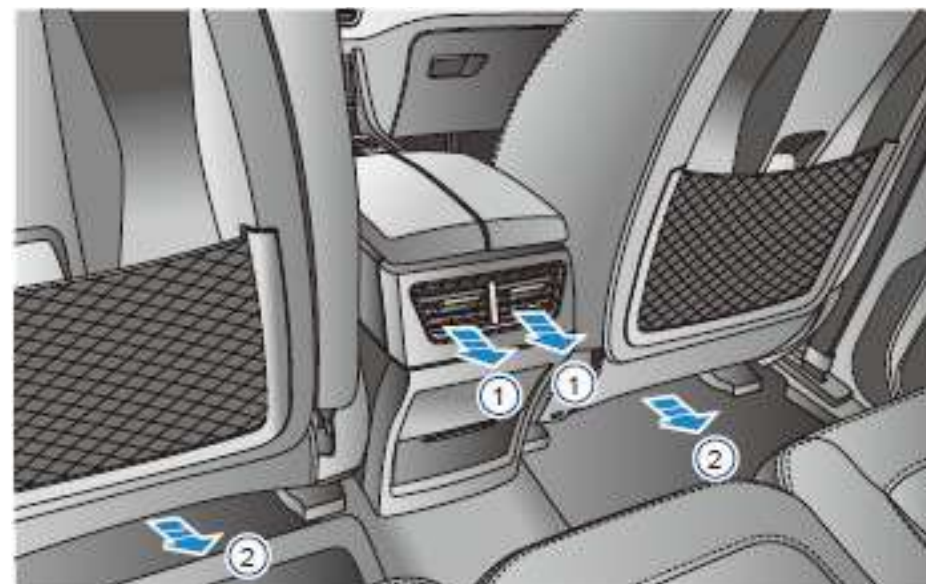
Under dual zone separate control mode, press down the DUAL button, the DUAL indicator light will go out, the temperature will be changed to single zone control mode, and the left side temperature setting knob will be used for adjusting the whole vehicle temperature .

Right side temperature setting knob: Rotate in clockwise direction, set the temperature rising, rotate in anti-clockwise direction to set temperature reduction. Under the single zone mode, operate the right side temperature setting knob, the DUAL indicator light will be lit, and the air conditioner will enter into the left and right zone separate control mode, and the knob can be used for adjusting front row passengers' side temperature.

Air outlet wind direction and air volume regulation



1. Side air outlet
2. Side defrosting vent
3. Front windshield defrosting vent
4. Central air outlet
5. Front row bottom air outlet



1. Blow upward air duct
2. Blow downward air duct (below the front row seats)

There are several air outlets on the vehicle, the wind direction of air outlet can be adjusted by the air outlet grid, and the air volume of the air outlet can be adjusted by rotating the air volume adjustment knob upward and downward.



Air conditioning system using skills

1. If the vehicle is under high temperature environment for longer time, the temperature inside the vehicle will rise high. It is suggested to open the vehicle door firstly and then open the air conditioner, adjust the air volume adjustment button to highest gear to discharge the hot air outside. Close the vehicle door and windows when the temperature inside the vehicle is lowered, and then adjust the temperature inside the vehicle as required.
2. In wet days, do not make the cold air blow to the front windshield to avoid any condensation of water mist outside the glass due to temperature difference inside and outside the glass.
3. In cold days, the air volume can be raised to higher gear and keep blowing for several minutes to clean the ice, snow or water steam in the air duct and reduce the water mist on the glass.
4. When passing through dusty sections please close all windows and drive in internal circulation mode.
5. When the air conditioning system is working, for any smoking, it should set the vehicle in outer circulation mode to discharge the smoke.
6. Do not make the leaf or other debris block the air inlet grid nearby the front windshield.
7. Keep the air under front row seats smooth for air circulation.

PM2.5 green and quite technology







Press down PM2.5 switch button, the air conditioning system starts the air cleaning work to reduce the inhalable particles for passengers.

After the PM2.5 (particulate matter) function is enabled, press down this button, then PM2.5 (particulate matter) system will be closed.

* Introduction to multi-media control panel



* Introduction to multi-media control panel

Serial No.	Button symbols	Function description
1		Startup & Shutdown /MUTE (press down for short time for mute mode, and press down for long time for shut down)
2	<i>NAVI</i>	Enter to /exit from navigation
3	<i>BACK</i>	Return to the previous interface
4	<i>RADIO</i>	Press this button to enter into radio interface
5	<i>MEDIA</i>	Press this button to enter into media interface
6	<i>MUTE</i>	Press this button for mute mode
7	<i>MENU</i>	Press this button to enter into menu interface
8	<i>SET</i>	Press this button to enter into setting interface
9	<i>PM2.5</i>	Press this button to enter into PM2.5 interface
10		Press this button to enter into blind points detection (with working indicator light)
11		Press this button to enter into lane departure (with working indicator light)
12		Press this button to enter into 360° panoramic display

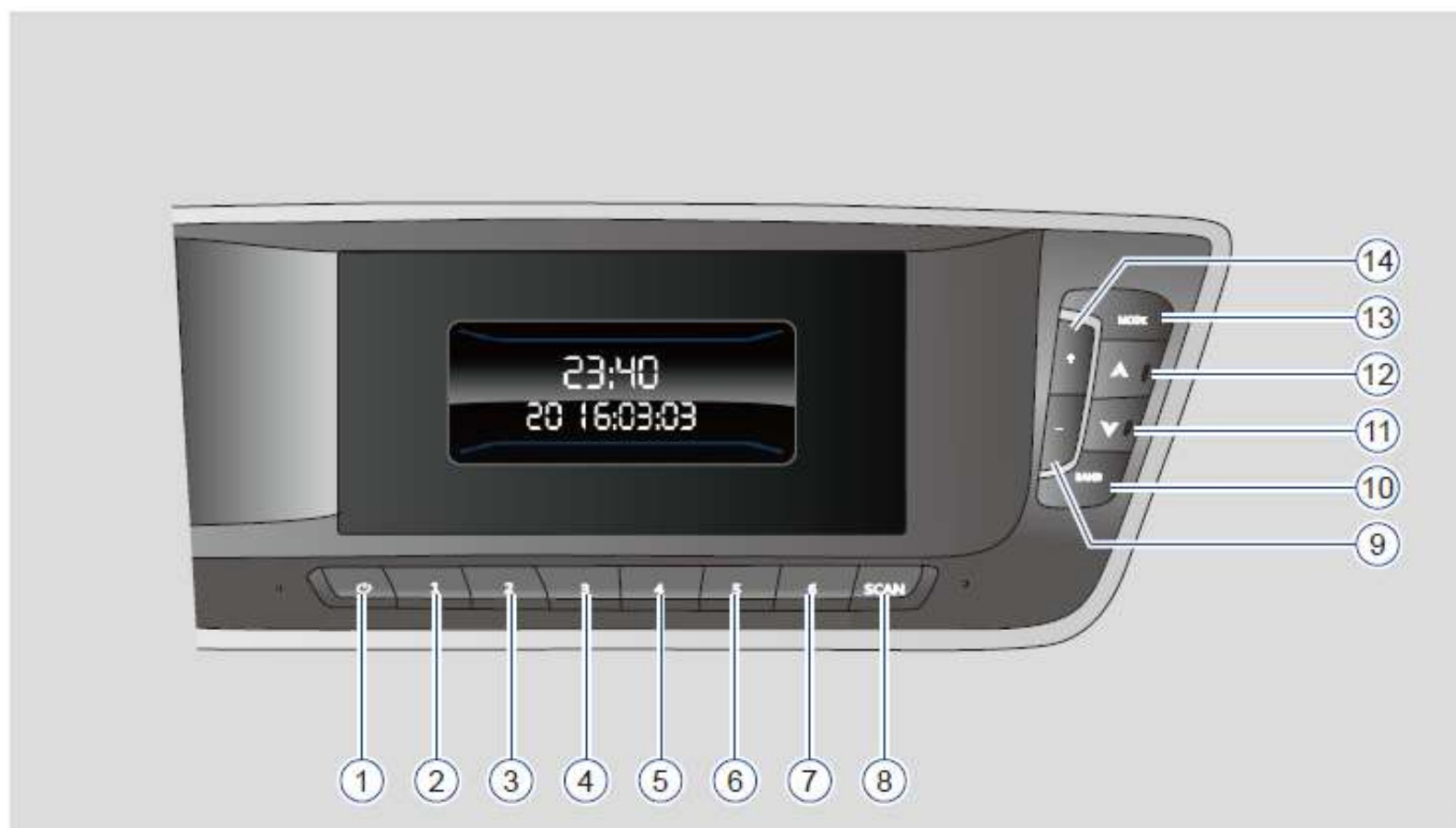


Descriptions


For detailed information about operation and instructions of information control unit, please refer to the accompanied material *Navigation, Audio-visual, Communication System*.



* **Radio control panel**



* Radio control panel

Serial No.	Button symbols	Function description
1		Startup & Shutdown /MUTE (press down for short time for mute mode, and press down for long time for shut down)
2	1	Receiving channel 1
3	2	Receiving channel 2
4	3	Receiving channel 3
5	4	Receiving channel 4
6	5	Receiving channel 5
7	6	Receiving channel 6
8	SCAN	SCAN/AST (press down for a short time for browsing, and press down for a long time for browsing and storing broadcasting station)
9	-	Turn down volume
10	BAND	BAND/SET (press down for a short time for reception mode selection, and press down for a long time for sound effect setup)
11	∨	Next
12	∧	Prev.
13	MODE	Switch of play source
14	+	Turn up volume



Descriptions

For detailed information about operation and instructions of information control unit, please refer to the accompanied material Navigation, Audio-visual, Communication System.



*Internet of Vehicles



The vehicle networking system mainly communicates with the vehicle through mobile APP and relevant functions of the vehicle can be operated through mobile APP.

The vehicle networking mainly has the following functions:

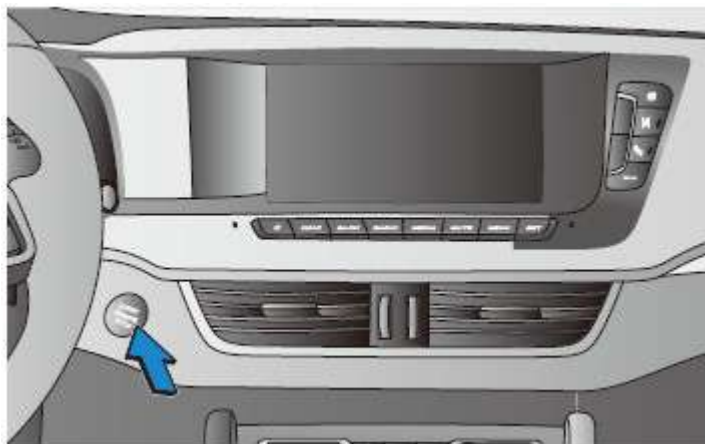
- | | |
|--------------------------------------|---------------------------------|
| 1. Remote dashboard | 11. Vehicle anti-theft alarm |
| 2. Remote locking/release | 12. Stolen vehicle tracking |
| 3. Remote light flashing and blowing | 13. Vehicle positioning |
| 4. Remote open trunk | * 14. One key navigation |
| * 5. Remote open/close window | * 15. Real time road conditions |
| * 6. Remote start air conditioning | * 16. Send to vehicle |
| * 7. Remote start engine | 17. Traffic violations inquiry |
| * 8. Emergency rescue service | 18. Maintenance |
| * 9. Crash automatic alarm | 19. Message box |
| * 10. Road rescue service | * 20. Call your vehicle |



Descriptions

For detailed vehicle networking operation and description, please visit the official website of TYE-NET www.tye-net.com for checking.

* One-key start switch



The vehicle is equipped with electronic keyless one-key start switch. If to turn on the power or start the engine, effective smart remote control key must be in the vehicle and can be detected. The one-key start switch gears include: OFF gear, ACC gear, ON gear, START gear.

OFF gear (indicator light is off)

When the one-key start switch is on the “OFF” gear, step on the brake pedal (automatic transmission vehicle) or step on clutch pedal (manual transmission vehicle), the indicator light will turn green, at this time, press down the one-key start switch to directly start up the vehicle.

ACC gear (red light)

The gear can allow you to use radio and other electric accessories after the engine is shut down. When one-key start switch is on “OFF” gear, do not step on brake pedal (automatic transmission vehicle) or step on clutch pedal (manual transmission vehicle), press down the one-key start switch once to switch from the one-key start switch to ACC gear.

When the one-key start switch is on the ACC gear, step on the brake pedal (automatic transmission vehicle) or step on clutch pedal (manual transmission vehicle), the indicator light will turn green, at this time, press down the one-key start switch to directly start up the vehicle.



Notice!

If the one-key start switch stays on the ACC gear, the storage battery may run out, and affect the normal start up of the vehicle.



* One-key start switch

ON gear (red light)

When one-key start switch is on ACC gear, do not step on brake pedal (automatic transmission vehicle) or step on clutch pedal (manual transmission vehicle), press down the one-key start switch once to switch from the one-key start switch to ON gear. Press down the one-key start switch again to switch from one-key start switch gear to OFF gear.

START gear

The gear is used for startup of the engine. When the engine is shut down, step on the brake pedal (automatic transmission vehicle) or step on the clutch pedal (manual transmission vehicle), press down the one-key start switch to start up the engine.

Power supply gear switching

If the intelligent remote control key is in the vehicle, the power can be switched to other states:

Power supply gear switching	Operation
Switch to OFF gear from the ON gear	Press one-key start switch once
Switch to ACC gear from the OFF gear	Do not step on clutch pedal (manual transmission vehicle) or brake pedal (automatic transmission vehicle), press down one-key start switch once
Switch to ON gear from the ACC gear	Do not step on clutch pedal (manual transmission vehicle) or brake pedal (automatic transmission vehicle), press down one-key start switch once
Switch to OFF gear from the ON gear	Do not step on clutch pedal (manual transmission vehicle) or brake pedal (automatic transmission vehicle), press down one-key start switch twice
Engine runs and the speed of which is smaller than Switch to OFF gear from the 5km/h	Press one-key start switch once

Startup and shut down of engine

Normal startup

When stepping on the clutch pedal (step on the brake pedal in case of automatic transmission vehicle), the indicator light on the “one-key start switch ” button will turn green, press down the “ one-key start switch” button once to start up the engine.

Normal shut down

When the vehicle is stopped, press the "one-key start switch", the vehicle is off and returns to power OFF state.

When the vehicle is shut down, press down the one-key start switch when the shift level is on P gear, the vehicle is shut down and the one-key start switch is returned to OFF gear; Press down the one-key start switch when the shift level is not on the P gear, the vehicle is shut down and the one-key start switch is returned to ACC gear.

Steering wheel locking

When the one-key start switch is on the OFF gear, and the vehicle door is open, the steering wheel will be locked automatically.

Release of steering wheel

When the one-key start switch is on the ON gear or the engine is started up, the steering wheel will be released automatically.

Start engine in Special case:

When battery electric quantity of the intelligent remote control key is run out. For the manual type vehicle, step down clutch pedal and for the automatic type vehicle, step down brake pedal, and place the intelligent key (one end of indicator lamp) in the cup frame with key mark at the bottom of auxiliary dashboard, press one-key start switch, the engine can be started.




Notice!

If the startup is failed, do not press down the one-key start switch immediately to start up the engine, it should wait for at least 15s to start up the engine again. Do not start up the engine by pressing down the one-key start switch for a long time to avoid the motor is overheated or damaged.



Startup and shut down of engine

Descriptions

If the intelligent remote control key does not work, the PEPS alarm light  on combination instruments is turned on, and the display screen of combination instrument displays "low battery electric quantity of key" with alarming sound, then the battery electric quantity in the intelligent remote control key may be run out. You can start the engine by trying the following: For the manual type vehicle, step down clutch pedal and for the automatic type vehicle, step down brake pedal, and place the intelligent key (one end of indicator lamp) in the cup frame with key mark at the bottom of auxiliary dashboard, press one-key start switch, the engine can be started. It is suggested to replace the battery of your smart remote control key as soon as possible.

Gear shift



* Manual transmission

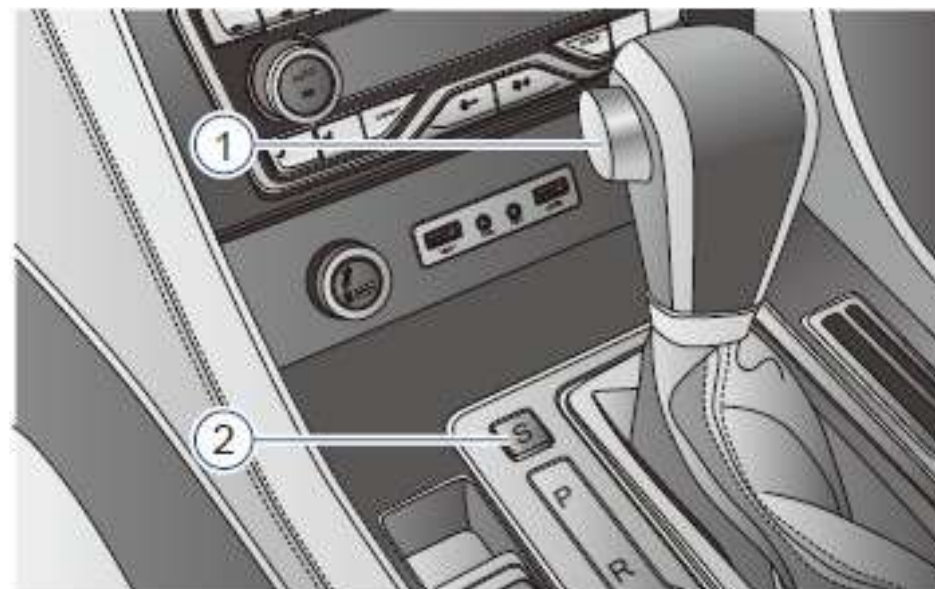
The manual transmission has five forward gears and one backward gear, as shown in the figure above. There is a locking sleeve on the transmission shift assembly to prevent switching to R (reverse gear) by mistake when switching to the first gear.

Before the shift lever is switched to the R gear, it is required to be switched to the neutral gear and lift the R gear locking sleeve, and then push the shift level to the R gear.

Gear shift

Notice!

- There is a R gear lock device on the transmission shift assembly to prevent the shift level being switched to R gear by mistake when switched to first gear.
- The revolution meter should be referred when driving for correct shift timing to prevent any delay or early shift—— the low rotation speed at high gear due to too slow rotation speed of engine or high rotation speed at low gear due to over-speed running.
- When driving the vehicle at the above status, it will cause excessive wear of transmission, waste of fuel, lack of power and damage to the vehicle etc..



* Automatic transmission (AT)

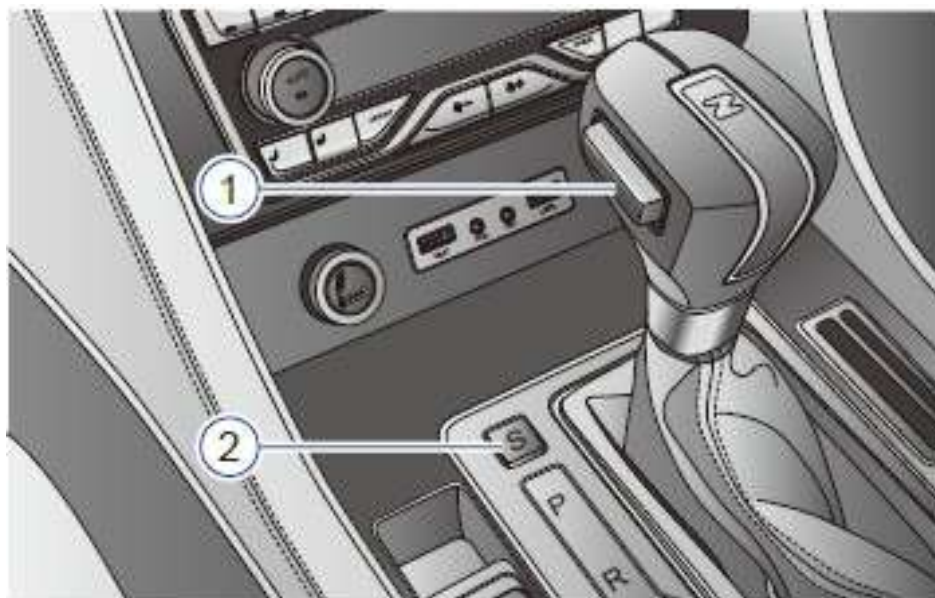
1. Locking button
2. Motion mode button

Descriptions

The illustrations are schematic diagrams only and the specific kind will prevail!



Gear shift



* Automatic transmission (DCT)

1. Locking button
2. Motion mode button



Descriptions

The illustrations are schematic diagrams only and the specific kind will prevail!

Gear information

P (parking gear)

The drive wheel is mechanically locked when the shift lever is in this position, while allowing the engine to be started. To hang the parking gear (P) into the drive gear (D) or reverse gear (R), you must press the brake pedal and press the gear locking button on the shift lever.

D (Drive gear)

In this position, the drive gear (D) will automatically adjust the gear position according to the engine load and the vehicle speed. When the vehicle is stationary, if the reverse gear (R) or the parking gear (P) is to be hung from the drive gear (D), press the gear locking button and press the brake pedal. To hang into the neutral gear (N), push the shift lever only.

In the case where the vehicle speed is less than 5 km/h or the vehicle is stopped, it is necessary to press the brake pedal from the neutral gear (N) to the drive gear (D).

R (Reverse gear)

Turn the gear backwards. When the vehicle is stopped, if the parking gear (P) is to be hung from the reverse gear (R), press the unlock button on the shift lever. When the neutral gear (N) is hung from the reverse gear (R), it is unnecessary to press the unlock button to hang in.

Gear shift

N (Neutral gear)

When the shift lever is in this position, the transmission is idling and the engine power cannot be transmitted to the drive wheel nor could provide the engine braking effect. When the vehicle is stopped and the engine is started, if the parking gear (P) or reverse gear (R) is to be hung from the neutral gear (N), you need to press the unlock button and step the brake pedal. However, when the drive gear (D) is hung from the neutral gear (N), you just need to push the shift lever. When the vehicle is moving, if it is to hang from the neutral gear (N) to the drive gear (D), it is only necessary to push the shift lever.



Notice!

- The parking gear (P) can only be suspended when the vehicle is stopped; otherwise, the transmission may be damaged.
- Do not allow the vehicle to slide in neutral gear (N) position while closing the engine, which will cause the automatic transmission to be damaged due to no lubrication.

The engine can only be started when the shift lever is in the P gear or N gear position.



Alarm!

Do not place the shift lever in neutral gear (N) when the vehicle is down slope; otherwise, the engine braking action cannot be used to assist in the brake of the service brake.

Mode switch

M (+/-)- manual mode

After shifting the shift lever to the D gear position, move the shift lever to the right to enter the M (+/-) manual shift mode.

The manual mode has an automatic return function; if the shift lever is pushed forward (+), the shift lever will be raised; if the shift lever is pushed back (-), the shift lever will be lowered.



Alarm!

In the case of long slope or steep slope, the manual mode shall be adopted, the vehicle speed shall be reduced firstly, lower to the low gear position, and utilize the engine braking to avoid braking failure caused by the continuous use of the brake pedal.



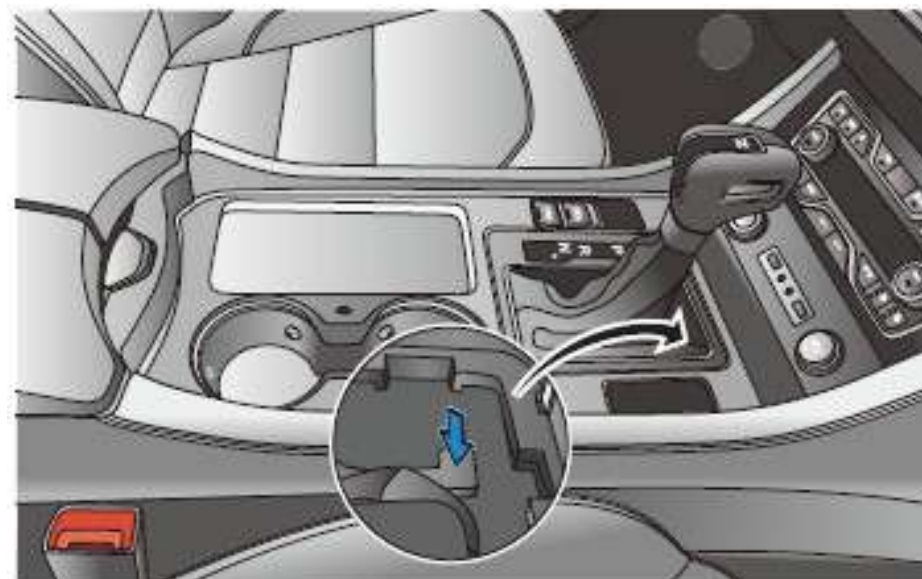
Gear shift

S- motion mode

In the D gear position, press the motion mode button to enter the motion mode while the indicator light on the button is lit.

Descriptions

In the motion mode, the opportunity delay at the time of shift can keep the engine at high rotation speed for a long time, and the large torque is output, so that the power of the vehicle is increased. The motion mode can be used for climbing the slope and fast overtaking.



Mechanical unlocking

The mechanical unlocking button is positioned in the upper right-hand corner of the shift panel. When the shift operating lever is stuck without normal gear shifting, the shift panel cover can be removed, the mechanical unlocking button on the shifting mechanism can be pressed, and the gear emergency switching can be realized.

Gear shift



Descriptions

When the shift lever is in the P gear position, if the solenoid valve is in the locked position, the shift lever cannot be pushed out of the P gear. After the shift lever leaves the P gear, the shift lever is also pushed even if the solenoid valve is in the locked position; When pushed back to the P gear, it will also be locked by the mechanical mechanism.

Driving operation

Parking

When stopping for a long time, place the shift lever in the P gear position and park the vehicle. When the vehicle needs to be parked on the slope, in order to prevent the transmission to be damaged due to excessive force undertaken by the locking mechanism of the P gear, the normal operation steps are as follows: Hang the N gear first, pull on the hand brake, then release the brake pedal, hang the P gear, and stop the fire.



Alarm!

- When the vehicle is moving, it is prohibited to hang the vehicle in the P gear; otherwise, it will severely damage the transmission and even cause the vehicle to be out of control.
- Do not hang the D gear on the surface of the slope; otherwise, there is a risk of an accident, which can reduce the service life of the transmission!
- If you have to park on the slope, use the foot brake and the electronic parking brake to fix the vehicle to prevent the carriage from slipping.

Gear shift

Start up the slope

The automatic mode function of an electronic parking brake (EPB) can be used to assist hill start. Under the condition that the safety belt is fastened, press the brake pedal, slowly release the brake pedal after hanging the D gear, and press the accelerator pedal to start.



Alarm!

Even if an electronic parking brake (EPB) is provided with a hill start function, it may be dangerous to slip away at the start of the steep slope, so that it is not possible to take an advantage by virtue of the convenience of the auxiliary function.



Notice!

Never use the accelerator pedal frequently to keep the vehicle from running, which results in overheating or even damage to the dual clutch automatic transmission.

Forward

When the shift lever is in the P gear or N gear position, start the engine, step the brake pedal after the stable operation of the engine, the shift lever is placed in the drive gear (D), release the parking brake, loosen the brake pedal, lightly step the accelerator pedal, and the vehicle will run.



Alarm!

Do not push the shift lever into the R gear or P gear position during driving, and there is a danger of an accident!



Notice!

- The accelerator pedal must be stepped after the gear has been hung. It is not allowed to step the accelerator pedal while hanging the gear; or the accelerator pedal is first stepped and then the gear is hung.
- Do not allow the vehicle to slide in N-gear, it will damage the automatic transmission due to lack of lubrication.




Gear shift


Reversing

With the engine running smoothly and the vehicle parked, depress the brake pedal, confirm that the parking brake has been released, press the lock button, and set the selector lever in R gear, release the brake pedal, and lightly depress the accelerator pedal.

Protection mode

Dual-clutch automatic transmission may be overheated due to frequent starting or overload of transmission under high-temperature environment. To avoid damage to the transmission, the system will perform overheating protection and the transmission fault alarm light  will flash continuously at the same time. In this case, stop the vehicle and keep the engine idling, or keep one gear and continue moving at a uniform speed, to cool the dual-clutch automatic transmission. Accelerate until the transmission temperature become lower and the transmission fault indicator no longer shows.

If the transmission is properly cooled for a long period of time (about 20 minutes),

but the transmission failure alarm light  still on, please contact with our local special service station for overhaul as soon as possible. Otherwise, the transmission may be severely damaged.





Descriptions

In the limping mode, the manual shift function will be disabled.




Notice!

- To prevent damage to the transmission when the transmission is in the overheat protection stage, the shift of the gears will enhance the shock, and this will disappear when the transmission temperature is reduced to normal.
- When transmission fault alarm light  is flicking continuously, the continuous driving will cause further deterioration of overheating of transmission, and the transmission fault alarm light  and emergency brake alarm **EP** light will be on simultaneously, at this time, you must stop the vehicle and contact the local special service station of the company for maintenance as soon as possible.

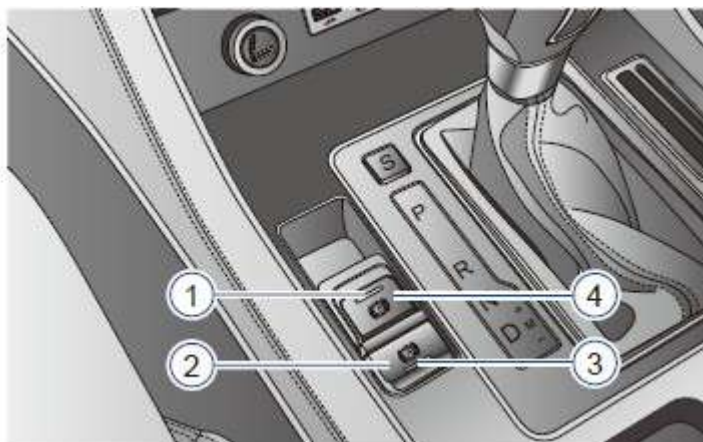
Limping mode

When there is something wrong with the transmission case, the transmission will go into limping mode. The transmission will work only in certain gears and may not be

able to drive in reverse gear, the transmission failure warning light  will keep flashing. If the transmission is under this situation, please contact our local special service stations for overhaul as soon as possible.



Electronic Parking EPB



1. Parking indicator light
2. Automatic mode key
3. Automatic mode indicator light
4. Parking button

Mode switch

Press the automatic mode button, the auto mode indicator light will on, and the electronic parking will be in automatic mode; Re-press the automatic mode button, the auto mode indicator light will off, and the electronic parking will be in manual mode;

Manual parking

When the electronic handbrake is released, after the vehicle stops, pull the parking button, and release the parking button until the parking indicator light is on. If the parking indicator light is on, it means the parking is successful; If the parking indicator light is flicking, it means the parking is failed.

Release manually

Press the one-key start switch to the "ON" position, when electronic handbrake is in the parking mode, slam the brake pedal or depress the accelerator pedal or clutch pedal, press the parking button, the electronic handbrake is released. At this moment, the parking indicator is off.



Electronic Parking EPB

Automatic parking

In auto mode, when the vehicle stops, switch the one-key start switch from "ON" to "OFF", the electric parking will perform the parking operation. After the parking is succeed, parking indicator light shall be turned on.

When the auto mode is on, the one-key start switch is in "ON" position and the vehicle stops, open the main driving door, the electric parking assembly will perform the parking action. After the parking is succeed, parking indicator light shall be turned on.

Automatic release

The electronic parking assembly can differentiate how to perform the automatic release function based on the current road gradient.

Auto mode ON, parking mode, close main drive door, fasten safety belt, start engine, depress clutch pedal (manual) or brake pedal (automatic), push gear to forward or reverse gear, release clutch pedal (manual) or brake pedal (automatic), depress the accelerator pedal, the electronic parking assembly will perform the release action; When the vehicle's forward power is greater than its sliding force, the electronic parking assembly will perform the release action. After the successful release, the parking indicator light will go out. This is the normal operation of the ramp start.

Dynamic braking

When the speed is faster than 3 km / h, the electronic parking will be released, pull and maintain the parking button up, the electronic parking system will brake slowly until the vehicle stops; If the parking button is released before parking, the electronic parking system will not brake the vehicle.

Parking due to faults

If the speed signal is faulty, and the one-key start switch is set to "ON" position, pull up the parking button and maintain for more than 30 seconds. The electronic parking system will brake the vehicle with a small parking brake force. After 30 seconds, it will gradually increase the parking power until the parking is successful. If the parking button is released before the parking beomes successful, the brake will be released.



Electronic Parking EPB

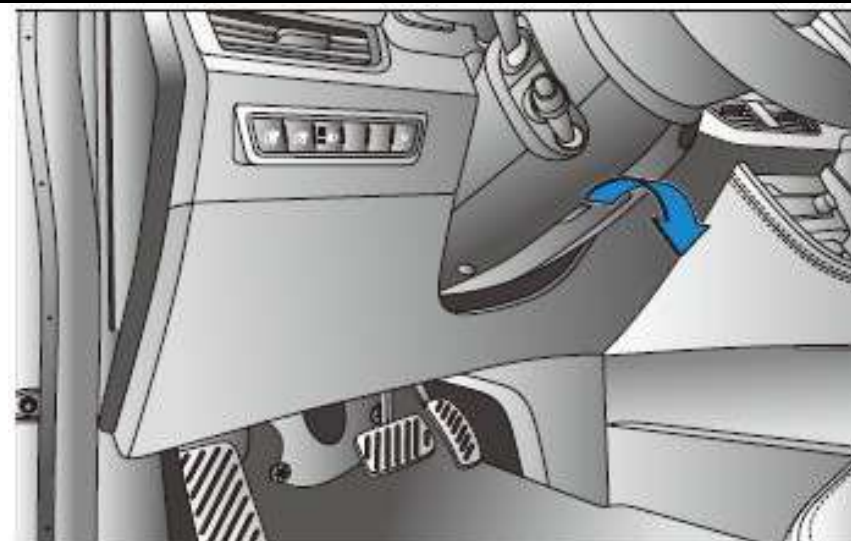
Alarm!

- When the vehicle starts, if there are obstacles within 2 meters before and after the vehicle, please cancel the automatic release function, use the manual release function.
- When the service brake of the vehicle fails, the emergency brake can be realized through the dynamic parking function of the electronic parking system so that the vehicle can brake slowly until it stops.
- Under the same speed, the braking distance of emergency braking is much longer than the shortest braking distance of service braking. Therefore, it is forbidden to use emergency braking to replace service braking.
- When the service braking system is working normally, it is forbidden to operate the service braking and the emergency braking simultaneously while the vehicle is running. Such operation may cause rear wheel lock, and result in traffic accidents.

Notice!

When you find that the parking indicator light on the vehicle is flashing during driving, and the EPB indicator on the combination instrument cluster keeps on, it indicates that the electronic parking (EPB) system has failed. Go to our company's special service stations for maintenance promptly.

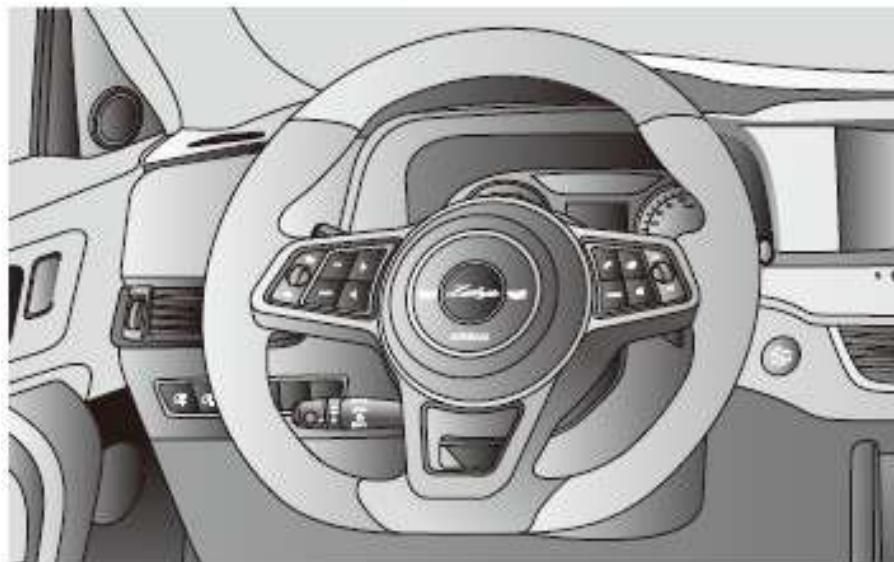
*Multifunctional steering wheel





Adjustment of steering wheel angle

- Push the steering wheel lock wrench to the lowest end;
- Hold the steering wheel up and down to move the steering column until it reaches the desired position and you can see all the gauges and indicators on the dashboard;
 - Pushing locking wrench upward to lock steering wheel;
 - Moving steering wheel upward and downward to determine whether it is locked firmly in place.

* Multifunction steering wheel






 button: Pushing this button upward and the volume will be turned up with stepping; Long pushing this button upward and no releasing to turn the volume up successively. When releasing, the volume will be stopped turning up.


 button: Pushing this button downward and the volume will be turned down with stepping; Long pushing this button downward and no releasing to turn the volume down successively. When releasing, the volume will be stopped turning down.

OK Key: Press the key for short to conduct the confirmation operation of relevant information setup on the driving computer.

BACK key: Press the driving computer setup or return key for short to conduct the query and setup of driving computer information.


  : Press it for short to select the relevant information on the driving computer, and press it for long to continuously display the relevant information on the driving computer.


 : Button of picking up Bluetooth phone.

 : Button of hanging up Bluetooth phone

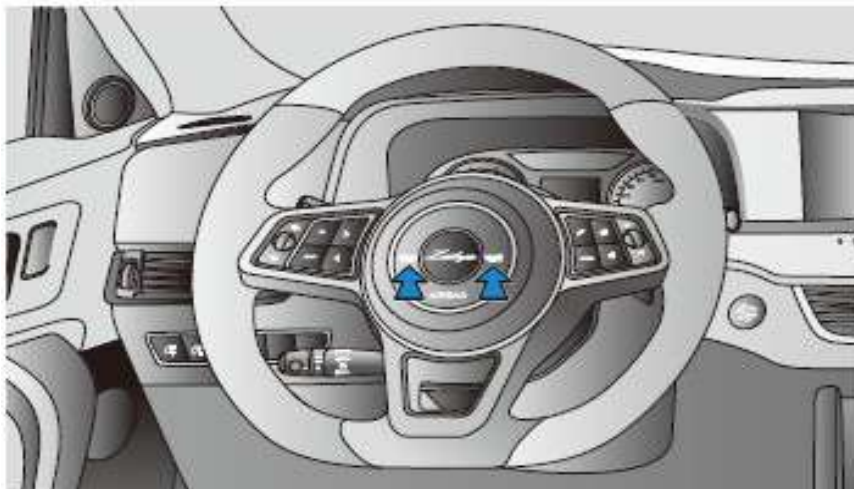
MODE button: Pressing this button to change the mode.


 : Mute button

 : Pushing upward and upper searching channels on the interface of radio; the last song on the audio and video surface

 : Pushing downward and lower searching channels on the interface of radio; The next song on the audio and video surface

Horn

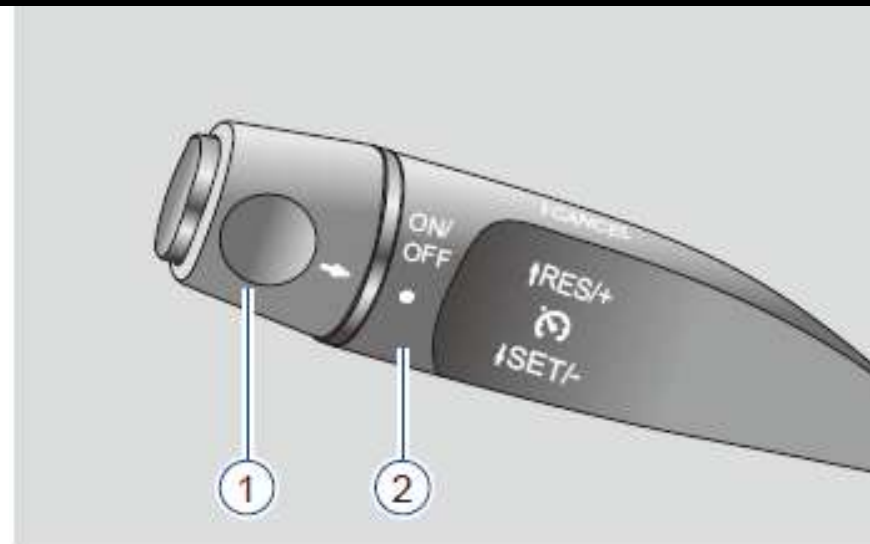


The switch of automotive horn is located on the central interface of steering wheel ( sign of horn switching). When pressing any position of central interface on steering wheel, vehicles can whistle. When releasing, vehicles will stop whistling.

Alarm!

The area of horn button on steering wheel also includes the covering plate of airbag on the side of the driver. When using the horn, pressing hard or hammering the covering plate of steering wheel is not permitted to avoid accidents.

* Constant speed cruise



1. Constant speed cruise switch
2. Constant speed cruise control handle

As shown in the above figure, constant speed cruise control handle is located beneath the switch of light on the left side of steering wheel.

When the constant speed cruise is started, without stepping on accelerator pedal, the vehicle will run automatically and keep in set speed.



* Constant speed cruise

Descriptions

When driving on the highway with fewer vehicles for a long time, this function can be used to reduce the driver's exhaustion, meanwhile to reduce unnecessary speed variation and save fuel.

ON/ OFF (open/ close): Rotating the switch of constant speed cruise to start the cruise system; Then rotating this switch again to close the cruise system.

CANCEL: Pushing the handle towards the direction of steering wheel to cancel cruise control.

RES/+ (Restoration/Acceleration): On the condition of constant speed cruise, pushing RES/+ upward intermittently or successively to achieve acceleration. On the condition of canceling constant speed cruise, pushing RES/+ upward intermittently to restore as the previously set speed.


SET/- (Settings/ Deceleration): On the condition of constant speed cruise, pushing SET/- backward intermittently or successively to set the speed or deceleration.


Alarm!

Under the following conditions, the function of constant speed cruise is not permitted to use:

- Driving in the downtown;
- Driving in mountainous areas;
- Driving in rainy, ice and snowy weather;
- The traffic conditions with more vehicles.

Setting vehicle speed

Rotating the switch of ON/OFF, when starting cruise control, the indicator lamp  of cruise state and fault on combination instrument will be lighted to set cruise speed.

1. The vehicle speed will be accelerated above 40km/h (below 180km/h).
2. Pushing the handle towards the direction of SET/-, then releasing to store and keep current speed.
3. Moving the foot from acceleration pedal, the vehicle will run and keep in set speed, and the indicator lamp  of cruise operation on combination instrument will be turned on.

* Constant speed cruise

Acceleration cruise


1. On the condition of constant speed cruise, pushing the handle towards the direction of RES/+ once, the vehicle speed will be accelerated for 2km/h.
2. On the condition of constant speed cruise, consistently pushing the handle towards the direction of RES/+, the vehicle speed will be successively accelerated to the required set speed.


Deceleration cruise


1. On the condition of constant speed cruise, pushing the handle towards the direction of SET/- once, the vehicle speed will be decelerated for 2km/h.
2. On the condition of constant speed cruise, consistently pushing the handle towards the direction of SET/-, the vehicle speed will be successively decelerated to the required set speed.


Canceling/restoring constant speed cruise

Operating in accordance with the following method, cruise control can be canceled or restored.

1. On the condition of cruise, rotating the switch of ON/OFF, cruise control system will be completely closed and the indicator lamp  of cruise operation on combination instrument will be turned off. Meanwhile, the record of vehicle speed set by cruise control will be cleared.

2. On the condition of cruise, pushing CANCEL handle upward or stepping on brake pedal to cancel cruise control. At this time, the indicator lamp  of cruise state and fault on combination instrument will be turned on. After canceling constant speed cruise control, pushing the handle towards the direction of RES/+, the vehicle cruise speed will be restored to the previous speed before canceling cruise.

Meanwhile, the indicator lamp  of cruise operation on combination instrument will be turned on.

3. On the condition of constant speed cruise, directly stepping on the accelerator to accelerate, the vehicle speed will be slowed and restored to the previously set cruise speed after releasing the accelerator. During this process, the indicator lamp  of cruise operation on combination instrument will be turned on constantly.

Advancing economical drive/ reducing the pollution of environment

Predictable drive

The vehicle always requires more consumption of fuel on acceleration. If you are in predictable driving, the brake must be reduced, thus new acceleration will be reduced. Making it possible to put the vehicle into gear and coast, such as during the period of recognizing that the next traffic lights will be turned into red light. The resulting brake effect of the engine shall protect the brake and wheels. At this period, the consumption of exhaust gas and fuel will be almost reduced into zero.

Shifting gears with energy conservation

An efficient way of saving fuel is to shift gears early because low gear with high rotational speed will increase the consumption of fuel. It is suggested that the first gear should be properly and early put into the second gear. And the next higher gear shall be shifted as much as possible when the rotational speed of the engine reaches in 2000 per minute.

Avoiding completely starting the accelerator

Avoiding driving with the highest speed In high speed, fuel consumption, emission of hazardous substance and drive noise will be increased disproportionately. Driving in medium speed can save fuel.

Avoiding driving in short distance

The engine and purifier device of exhaust gas must reach the optimal working temperature so that the consumption of fuel and the emission of hazardous substance will be reduced efficiently and the vehicle in cold temperature will be in more consumption of fuel. Provided that after it operates in about for kilometers, the engine will reach the optimal working temperature, meanwhile the consumption of fuel will become normal. Thus, driving in short distance shall be not permitted as much as possible.

Avoid unnecessary emergency brake

Avoiding unnecessary emergency brake to keep the vehicle speed steady. Trying to calculate the shift time of traffic lights to reduce the frequency of parking to the minimum extent, or making use of tunnels to avoid traffic lights. Keeping proper drive distance with other vehicles to avoid sudden emergency braking. Meanwhile, the damage of other parts caused by emergency brake can be reduced.

Avoid any unnecessary load

Because more weight may increase fuel consumption even adding a kilogram, the trunk shall be checked to avoid unnecessary loading. The roof rack of this vehicle is functioned as decoration. It requires not to put luggage and other heavy objects over the roof rack. And putting some objects over the roof rack also increase the resistance of air. When the vehicle speed is above 100km/h, this unused roof rack itself also makes the consumption of fuel increase.



Advancing economical drive/ reducing the pollution of environment

Reducing running with idling

In such conditions as traffic jam, waiting before the fence of railway crossing or waiting traffic red lights for a long time, the engine can be closed. The fuel saved by temporarily closing the engine for 30~40seconds consumes more than that of starting the engine again. It takes a long time to preheat in the state of idling to make the engine in working temperature. During the period of preheating, the damage of engine and the emission of hazardous substance are very high. Hence, the vehicle shall be started after preheating. At this moment, the engine is not allowed to run in high speed.

Pay attention to the inflation pressure of tire

Please constantly putting more attention on the right pressure of wheels to save fuel. In addition, the wheels will be damaged seriously caused by low pressure, because the rolling resistance is increased. As a result, the driving state is deteriorated.



Notice!

Please avoiding driving with the wheels used in winter all year round, because the consumption of fuel is increased.



* Front radar



1. Front radar probe

The principle of ultrasound measuring distance is adopted in parking radar system. The system is used to measure the distance between the vehicle and the obstacle when parking. And the measured distance is made audible alarm by the buzzer in different alarm frequency. To improve the safety of parking and reduce the damage of vehicles and people caused by parking



Front radar can be started or closed by the switch of  front radar on air-conditioning control panel. When front radar is closed, the indicator lamp  on the switch of front radar will be extinguished.

When front radar is open, in the state of non-R (automatic vehicles in D gear or N gear), front radar is not in service if the speed exceeds 18km/h. When the vehicle speed is less than 18km/h, front radar will be in operation automatically.



* Front radar

! Notice!

- The indicator lamp on the switch of front radar is on, which represents that front radar system is normal by self-checking. While the indicator lamp is shimmering, which represents that front radar system is abnormal by self-checking

Radar system cannot replace the visual of the driver. It cannot check:

- The objects under the bumper or the vehicle, or the objects left in long distance or short distance from the vehicle;
- Children, pedestrians, people riding bicycles or pets;
- Very petty objects beyond detection.
- If the driver cannot notice the conditions behind the vehicle before reversing or in the process of reversing, the accidents will be caused, such as the damage of the vehicle, the injury of people even the death. Even equipped with ultrasound parking auxiliary system, the driver must observe carefully before reversing. When reversing, the driver must observe whether there are some obstacles and notice rearview mirror.

Vehicle reversing radar



1. Reversing radar probe

When the one-key start switch is put in the position of “ON” gear, and the vehicle is in reversing gear, reversing radar system is in service.

Detection distance of reversing radar system during working is within about 150cm. When more than two objects are detected at the same time, firstly identify the nearest one.

Vehicle reversing radar

Description of detecting distance and alarm frequency

1. When the distance from the object to rear bumper is about 150cm to 90cm, buzzer buzzes with 1Hz (hertz) frequency.
2. When the distance from the object to rear bumper is about 90cm to 60cm, buzzer buzzes with 2Hz (hertz) frequency.
3. When the distance from the object to rear bumper is about 60cm to 35cm, buzzer buzzes with 4Hz (hertz) frequency.
4. When the distance between the objects and the bumper is less than 35cm, and the buzzer is in a long bray, the driver shall stop the vehicle immediately to protect from the collision of obstacles behind the vehicle.

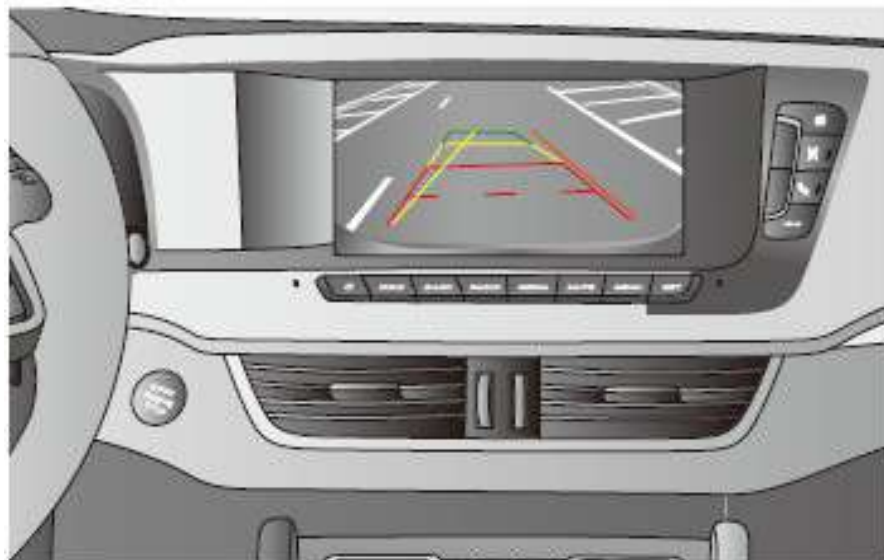
When visible reversing radar is in service and the video behind the vehicle can be achieved by camera, the driver can judge the obstacles behind the vehicle by this video.

Parking auxiliary system may alarm wrongly or not alarm in the following circumstances:

1. Iron wire, rope, net wall and other thin objects;
2. Driving or parking on concavo-convex road and grass;
3. Install and use high frequency output wireless or antenna;
4. Low objects such as rock etc.;
5. Objects such as soft snow, cotton and sponge that are easy to absorb ultrasonic wave;
6. When objects approach, including trumpet of other cars, engine noise of motorcycles, air braking sound etc.;
7. When the sensor is left with snow or mud, or the sensor is covered with snow or mud;
8. When the sensor is splashed with water drop etc. which freezes on it;
9. Driving in jelly-shape snow or rain;
10. It is interfered by metal strike note;
11. In the environment with same frequency.



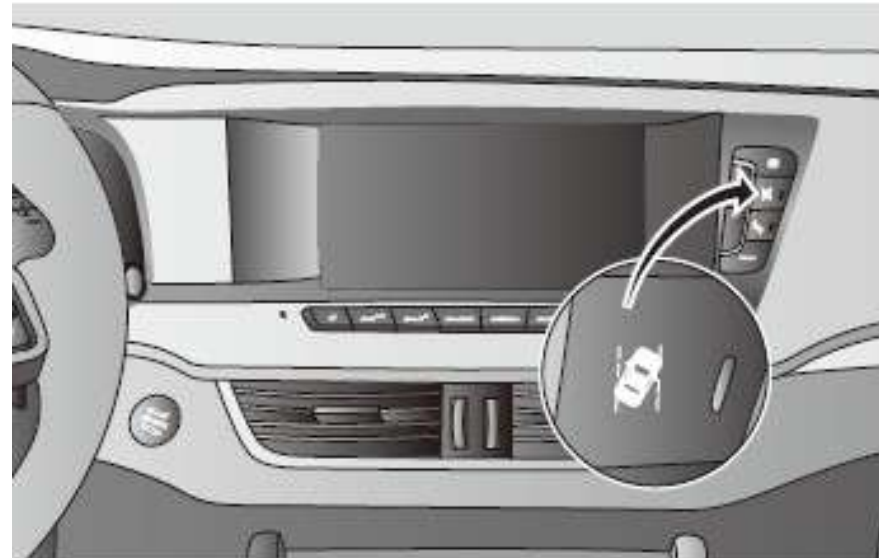
* Visible reversing video with the function of tracking



When one-key start switch is put in the position of “ON” gear and the vehicle is in reversing gear, media interface will be shifted automatically into reversing video. Dynamic reversing guideline shall be overlapped and displayed on multimedia interface by reversing video system by means of achieving corner signal of steering wheel. This guideline shall turn with steering wheel. In accordance with the corresponding proportion, the guideline is in dynamic variation to indicate current vehicle running trace.

When steering wheel is in clockwise rotation, dynamic reversing guideline is in right deflection, as seen in the above figure.

* Lane Departure Warning




The switch of lane departure warning is located on audio panel, as seen in the above figure.

When the switch is started, lane departure warning system (LDW) is in service and the indicator lamp on the switch is lighted.

* Lane Departure Warning



When lane departure warning system (LDW) is started  closed, and the speed exceeds 60km/h:

1. When lane departure warning system (LDW) works beyond lane line or in lane variation with turn signals, the information on driving computer is displayed as the above Figure A;
2. On the condition of touching left lane line without turn signals, the information on driving computer is displayed as the above Figure B, red lines are shimmering and the buzzer is giving an alarm.
3. On the condition of touching right lane line without turn signals, the information on driving computer is displayed as the above Figure C, red lines are shimmering and the buzzer is giving an alarm.

Certain vehicle conditions and surrounding environment are likely to influence the performance of lane departure warning function, and specific conditions are listed in the following:

- Detrition of lane line, or oligochromasia;
- Intense lighting or yellow lane line below light coloured pavement;
- other vehicles running in the evening, the camera is exposed by the light;
- reflect light exists in pavement;
- lane line is covered, keeping too close with the front vehicle;
- located in the exit of highway, irregular lane line or operational guideline;
- in bad weather, lane line is covered (rain, snow and fog);
- marked line in the road is covered by accumulated water, accumulated snow or pollution;
- the camera is in intense impact;
- there is a layer of fog or accumulated rain on the surface of the camera.




Alarm!

Lane departure warning system is likely to be influenced by weather conditions and surrounding environment. In any cases, this system is only used as auxiliary function and cannot replace the judge of the driver. The driver shall avoid risks and drive in civilized manner.

* Detection of blind zone (BSA)



The switch  of detection for blind zone is on audio panel, as seen in the above figure. The switch can be used to open or close the system of detection for blind zone. When the system of detection for blind zone is started, the indicator lamp on the switch is lighted.

Notice!

The indicator lamp of blind zone detection switch is on, which represents that blind zone detection system is normal by self-checking. While the indicator lamp is shimmering, which represents that front radar system is abnormal by self-checking



The probe of detection for blind zone is located in both sides of front and back bumper. When the switch of detection for blind zone is started and the vehicle speed exceeds 20 km/h, the system of detection for blind zone provides auxiliary function. The warning in the exterior rearview mirror reminds the driver of the vehicles detected in the monitoring area. If the driver then turns on the corresponding turn signal to change the lane, the driver will be reminded by flashing the warning display in the external rearview mirror and the buzzing of the rear buzzer for twice.



* **Detection of blind zone (BSA)**

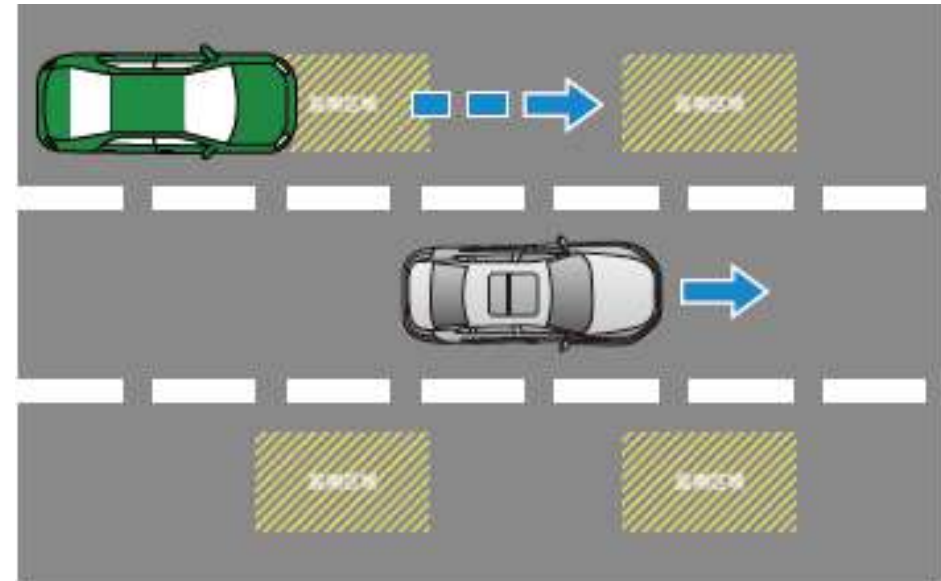
Descriptions

In the state of making detection module for blind zone enabled, after powering up, detection module for blind zone will be in self-checking. And self-checking results are displayed to remind the driver. Normal self-checking: alarm light on external rearview mirror is off after it is lighted for 3s. The indicator lamp on the switch of detection for blind zone is always on;

Abnormal self-checking: alarm light on external rearview mirror is always on; The indicator lamp on the switch of detection for blind zone is flicking;

Activation conditions for blind zone detection system

1. Power on;
2. starting the switch of detection for blind zone;
3. in D gear (the vehicle with automatic transmission) or in non-R gear (the vehicle with manual transmission);
4. The speed is between 20 km / h -140km / h.



scenario of triggering alarm

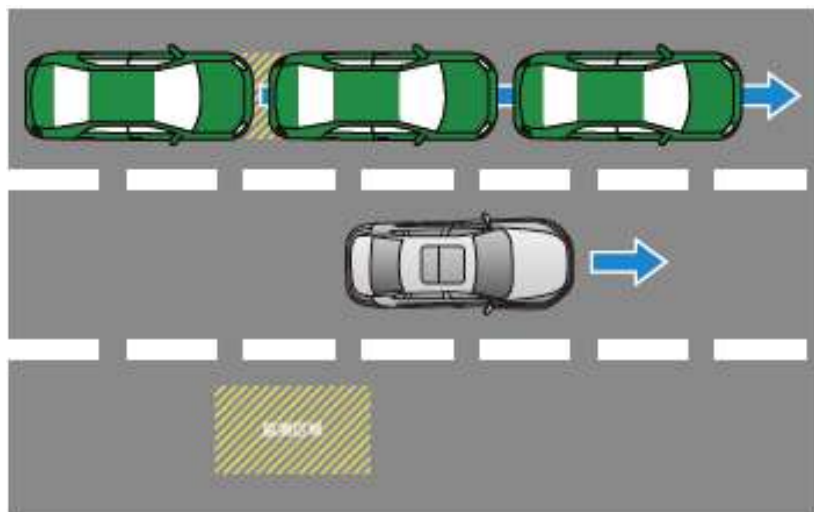
When other vehicles on the road entering into blind monitoring area, the alarm is triggered, as seen in the above figure.

Descriptions

Illustrated figure of “ blind spot detection ”(BSA) : Gray cars represent for owing the function of blind spot detection; Green or blue cars represent for other vehicles on the road; Yellow shadow area represents for blind spot detection area of gray cars.



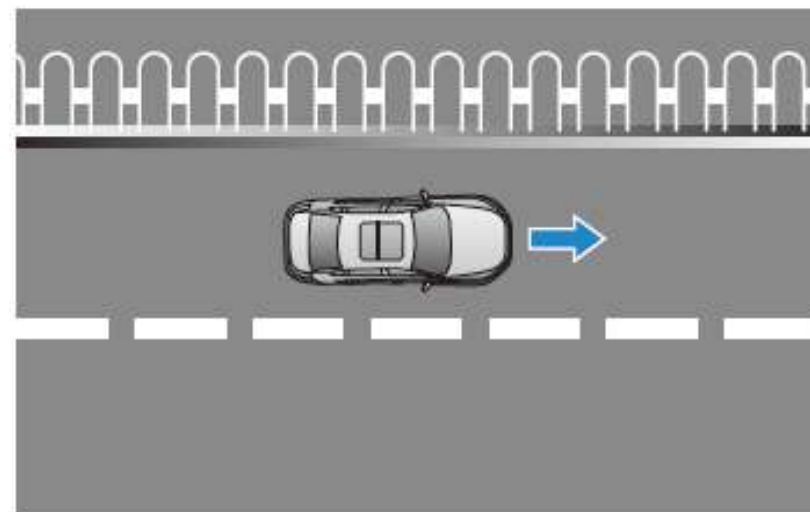
* Detection of blind zone (BSA)



the conditions of likely unreported or not triggering an alarm

Owing to the nature of ultrasound radar technology, some conditions that unreported target will emerge or an alarm will not be triggered (unreported target: when the target emerges, alarm light is not on), a small amount of unreported targets belong to normal phenomenon.

1. When vehicles collectively pass the blind area by means of a team, unreported information are likely, as seen in the above figure;



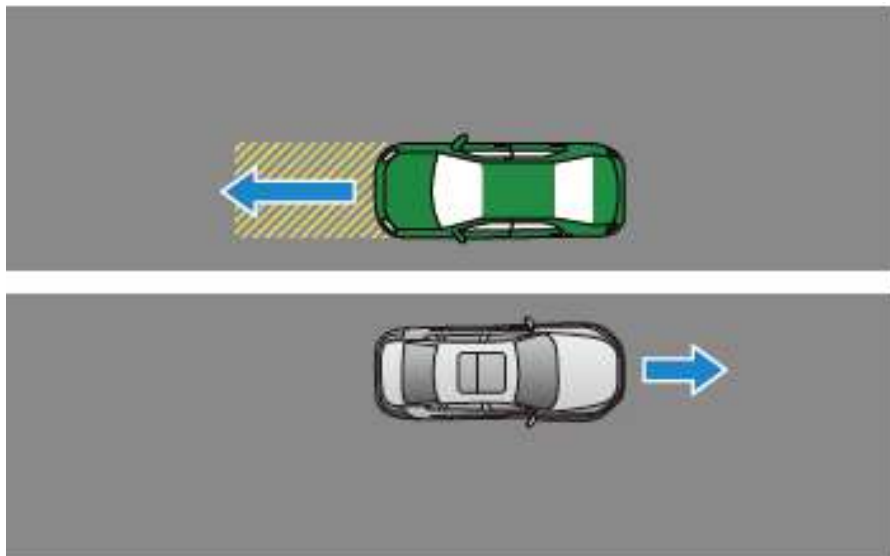
2. Fences, walls, signs, parked vehicles and similar fixed obstacles cannot trigger an alarm, as seen in the above figure;

3. When there are some vehicles in parking space in front of the road, unreported information can be caused;

4. When a vehicle (truck or bus) with long carbody is transcending (or transcended), the vehicle will appear in the rear blind spot and the field of view of the driver the front, which may occur missing report.



* Detection of blind zone (BSA)



Notice!

Owing to the nature of ultrasound radar technology, some conditions that wrong alarm will emerge (wrong alarm: without targets, but alarm light is on), a small amount of wrong alarm belong to normal phenomenon.

5. The oncoming vehicles, as seen in the above figure, cannot trigger an alarm;
6. The vehicles driving in the same direction in the same lane cannot trigger an alarm.



* Detection of blind zone (BSA)

In the following conditions, the system of detection for blind area may trigger wrong alarm:

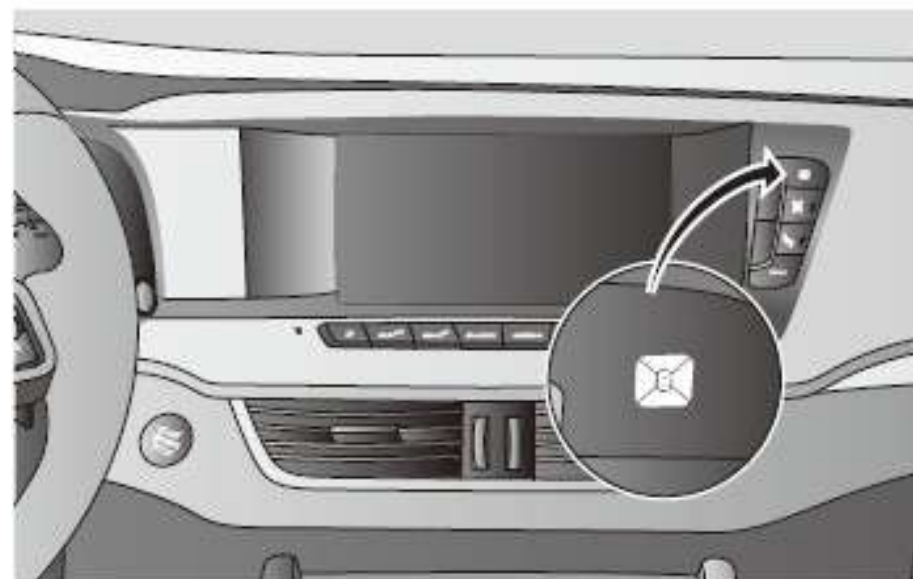
- Median;
- Concrete walls;
- Fence or vegetation;
- Make a sharp turn around a pole or building.
- There is emergency stop right behind the vehicle with short distance;
- Severe weather conditions (heavy rain, snow, hail, etc.);
- Vehicle upslope and downslope;
- The splashes brought by other cars on rainy days.




Alarm!

Blind zone detection system is likely to be influenced by weather conditions and surrounding environment. In any cases, this system is only used as auxiliary function and cannot replace the judge of the driver. The driver shall avoid risks and drive in civilized manner.

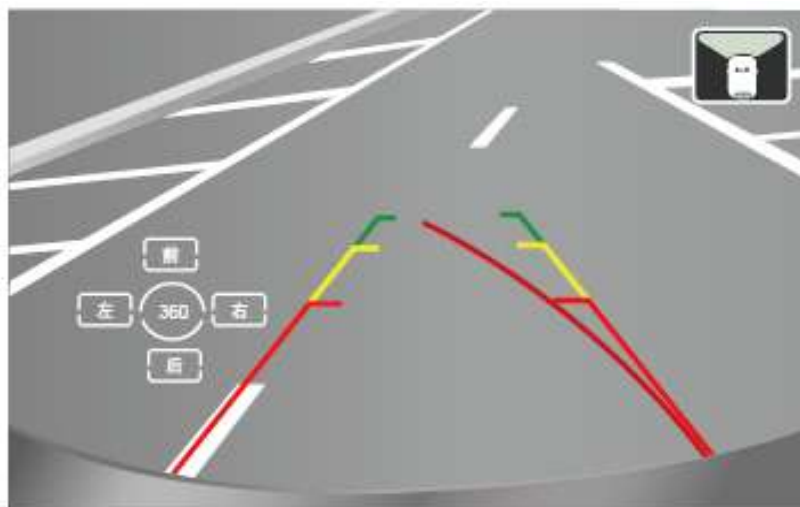
* 360°panorama image (AVM)



The switch  of 360°panoramic video is located on audio panel, as seen in the above figure.

When the power is “ ON ”, pressing the switch of 360°panoramic video on audio panel to enter into menu interface of 360°panoramic video. Then touching and pressing the icon of “ AVW ” on the interface of multimedia, 360°panoramic video can be open. Pressing the switch of 360°panoramic video on audio panel again and out of 360°panoramic video, multimedia is returned into main interface.

* 360°panorama image (AVM)

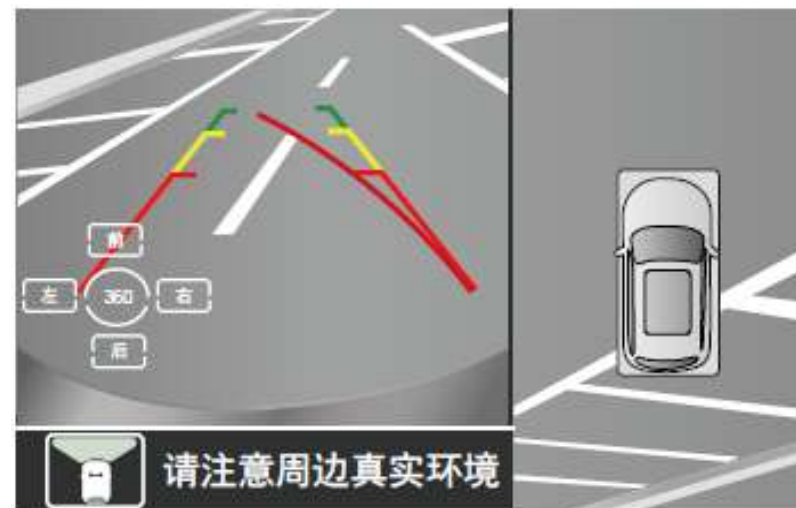


Huge screen in front vision

Touching and pressing virtual button front (back, left, right) on the interface of multimedia, huge screen in front (back, left, right) vision is in AVM output. At this time, the actual conditions before (after, on the left side of, on the right side of) the vehicle can be observed by multimedia.

Descriptions

On huge screen in front/back/left/right vision, if clicking virtual button towards the corresponding direction of images, the same images are displayed.



Front vision+ panoramic video

On the huge screen in front/back/left/right vision displayed on multimedia, touching and pressing “ 360 ” button in the central of virtual button, the relative view and panoramic video screen will be simultaneously displayed on multimedia.

On the condition of huge screen in front (back, left, right) vision, pressing “360” button in the central of virtual button, front (back, left, right) vision and panoramic video screen will be simultaneously displayed on multimedia, as seen in the above figure.

* 360°panorama image (AVM)

Without triggering AVM starting button

Function of going forward

AVM panoramic images cannot be displayed.

Function of turn signal

- Start steering switch; When the vehicle speed is equal to or less than 50 km/h, switching left/right turn signal, “ left vision+ panoramic video ” or “ right vision + panoramic video ” is displayed on multimedia. When the vehicle speed is higher than 50 km/h, starting turn signals cannot trigger the function of lateral vision, that is, original screen is still displayed on multimedia (radio, guide).
- Close steering switch: AVM system is closed, and original screen is displayed on multimedia (radio, guide).



Descriptions

When turn signal is on, the corresponding “ huge screen in left vision ”or “ huge screen in right vision ” is just in mutual shift by pressing virtual button towards the left direction or towards the right direction , and other virtual buttons are invalid because of turning implemented “ left vision + panoramic video ” screen or “ right vision + panoramic video ” screen. At this time, escape button is also invalid.

/Descriptions

On the condition of turning dual turn signals on, the function of panoramic video is made in accordance with normal conditions (pressing virtual button to shift screen).

Reversing function

- Putting into R gear: When the vehicle speed is equal to or less than 20 km/h, “back vision + panoramic video” is displayed on multimedia; When the vehicle speed exceeds 20 km/h, AVM system is closed and original screen is displayed on multimedia (radio, guide).
- Exit of R gear: AVM system is closed, and original screen is displayed on multimedia (radio, guide).



Descriptions

On the condition of R gear, the corresponding huge screen in back vision is just in mutual shift and other virtual buttons are invalid because of implemented “back vision + panoramic video” screen in R gear. At this time, exit button is invalid.



* 360°panorama image (AVM)

When triggering AVM startup button

Function of going forward

- When the vehicle speed is equal to or less than 20 km/h, AVM screen is displayed on multimedia.
- When the vehicle speed exceeds 20 km/h, original screen is displayed on multimedia (that is, the previous screen before entering into AVM system, such as radio and guide). When the vehicle speed is lowered in 15km/h from current speed of 20 km/h, multimedia is shifted into AVM screen, displaying “front vision + panoramic video”.

Descriptions

In non-R gear or turning, touching AVM button, “front vision + panoramic video” screen can be displayed on multimedia.

Function of turn signal

- Start steering switch; When the vehicle speed is equal to or less than 50 km/h, starting left/right steering switch, “left/ right vision+ panoramic video” is displayed on multimedia. When the vehicle speed is higher than 50 km/h, starting steering switch cannot trigger the function of lateral vision, that is, original image is still displayed on multimedia (radio, guide etc.).

- Close steering switch: When the vehicle speed is equal to or less than 20 km/h, “front vision + panoramic video” is displayed on multimedia; When the vehicle speed exceeds 20 km/h, original image is displayed on multimedia (radio, guide etc.). When the speed is lowered in 15km/h from current speed of 20 km/h, multimedia interface is shifted into AVM image, displaying “front vision + panoramic video”. When the vehicle speed is higher than 20 km/h, the function of lateral vision will not be triggered, that is, original image is still displayed on multimedia (radio, guide etc.).

Descriptions

Button operation of starting turn signal: At this time, in operational function of virtual button, the corresponding left/right huge screen is just in mutual shift and other virtual buttons are invalid because of turning implemented “ left/right vision +panoramic video ” screen. At this time, exit button is invalid.

General description

Safe driving fundamentals

We put your safety in the most important position. In this chapter, you can find important information beneficial to the safety of the driver and passengers (such as: notice and caution), you shall read carefully and comply with these information.



Alarm!

- The specification includes important information of using the vehicle by the driver and passengers. For the safety of the driver and passengers, you shall be familiar with and master other important information, please seen in other chapters in this specification or other specifications provided in the vehicle.
- It is ensured that you should always keep the accessory data in the vehicle for storage. Especially when lending the vehicle or selling it to others, this is very important.

Introduction of safety device

Safety equipment is acted as a part of passenger protection system. These equipment can reduce the risk of injuries in traffic accidents. Safety equipment inside the vehicle is listed in the following:

- Three-point safety belt
- Seat head restraint
- Front-row airbag
- Lateral airbag on the backrest of front seat
- Side gas curtain
- ISOFIX children seat interface
- Wash boarding adjustable steering column

Safety equipment given in the vehicle shall be in coordinated operation to provide you and passengers for most efficient protection during the period of traffic accidents.

Therefore, you shall be familiar with and master: Why these equipment is so important; how these equipment are used as protection; in usage, what you shall notice; how to do to make best use of existing sate equipment. The specifications cover important warning instruction of the driver and passengers how to reduce the risk for injuries.

General description

Precautions before driving

The driver is responsible for assuring passengers' safety and running safety of this vehicle. For your and other passengers' safety, the following requirements shall be noticed before every driving:

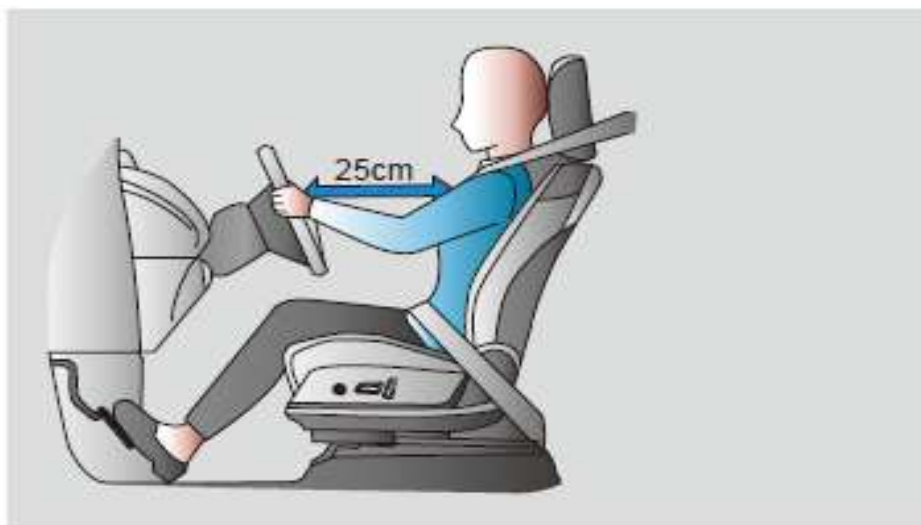
- Assuring lighting and turning signals device of vehicles in normal service.
- Check inflation pressure of tire.
- Assuring all windows clear and transparent to keep in good vision.
- Making the luggage carried in the vehicle in firm fixture.
- Confirming no objects to influence the movement of pedal.
- In accordance with your height, adjusting front seat, head restraint and rearview mirror.
- Telling the passengers to adjust head restraint according with their heights.
- Using proper children seat and making safety belt fastened in right way to protect children.
- You shall be in right seated position. You also are responsible for telling the passengers to be in right seated position.
- Making safety belt fastened in right way, and telling passengers to make safety belt fastened in right way.

Factors contributed to safe driving

Driving safety generally depends on driving way and all passengers' state. The driver is responsible for assuring his and other passengers' safety. If your driving safety is affected, it will not only pose a hazard to yourself, but also endanger other vehicles or pedestrians.

- Don't let other matters (such as talking to passengers or calling etc.) interfere with your observation of the road conditions.
- If your ability to drive a vehicle is affected (e.g. affected by drugs, alcohol, drugs), you must not drive the vehicle.
- Follow the traffic regulations and drive within the specified road and speed range.
- Pay attention to the road conditions as well as traffic and weather conditions at any time, and drive at a suitable vehicle speed.
- Take a regular break during a long journey and rest at least once every two hours.
- Do not drive the vehicle under fatigue.

Driver's correct sitting posture



Driver's correct sitting posture

Correct driver's sitting posture is critical to safe driving. In order to ensure the safety of driving and reduce the fatigue feeling caused by driving, it is recommended that the driver adjust the sitting posture as follows:

1. Adjust the steering wheel so that at least 25 cm distance shall be maintained between the driver's chest and the steering wheel (as shown in the above figure).
2. Move the driver's seat back and forth to the proper position and bend the knee slightly to step the pedal to the floor.

3. Make sure that your hands could reach the highest point of the steering wheel.
4. Adjust the head restraint so that the upper edge of the head restraint is as high as the head of the driver as far as possible (as shown in the left figure).
5. Adjust the backrest to the appropriate position to fit the back to the backrest.
6. Correctly wear safety belt.
7. Always place the feet in the foot pit so as to control the pedal.

Alarm!

- In the event of an accident, the wrong driver's sitting posture (including too close to the steering wheel on the chest) can cause the airbag to pop up and hurt oneself.
- At least 25 cm distance shall be maintained between the driver's chest and the steering wheel hub. If less than the distance, the airbag will not provide effective protection.
- Proper adjustment of the head restraint can give full play to its protection role and avoid neck injury in the event of an accident.

Driver's correct sitting posture

Correct sitting posture of the front passenger

A proper distance must be maintained between the front seat passenger and the instrument panel, and the airbag can fully play a protective role in the event of an accident. In order to ensure safety and reduce the accident rate, the front passenger is recommended to adjust the sitting posture as follows: 1. Adjust the backrest to the proper position so that the back is fully fit with the backrest.

2. Adjust the head restraint so that the upper edge of the head restraint is as high as the top of the head.
3. Place the feet in the foot pit in front of the seat.
4. Correctly wear safety belt.



Alarm!

- In the event of an accident, the passengers in the front row with wrong sitting posture are extremely vulnerable to serious injuries.
- Move the seat as backward as possible to maintain a proper distance between the chest and the instrument panel. If the chest is too close to the instrument panel, the airbag system cannot provide effective protection in the event of an accident.
- The backrest must not be excessively tilted during the driving; otherwise, the safety belt and airbag will not be able to provide effective protection during emergency braking or accident.

Correct sitting posture of the rear passenger

The rear seat passengers must maintain correct sitting posture, with feet placed in the respective foot pit and wearing the safety belt correctly.

In order to reduce the emergency braking and casualty rate in the event of an accident, the following precautions must be observed by the rear seat passengers:

1. The backrest must be in an upright position and locked.
2. Adjust the head restraint so that the upper edge of the head restraint is as high as the top of the head and the back of the head is as close as possible to the head restraint.
3. Place the feet in the foot pit in front of the seat.
4. Correctly wear safety belt.
5. Adopt suitable child protection devices to protect the children in vehicles.

Safety of driving cabinet

Pedal area

- Never allow an article or foot pad to affect the control and movement of any pedal.
- Ensure that the accelerator pedal and the brake pedal could be stepped to the floor without obstruction at any time.
- Ensure that the pedal can return to the initial position without obstruction.
- Only use the foot pad which can ensure that the pedal area is unobstructed and can be firmly fixed in the foot space.



Alarm!

- In the event of an accident, the passengers in the front row with wrong sitting posture are extremely vulnerable to serious injuries.
- Move the seat as backward as possible to maintain a proper distance between the chest and the instrument panel. If the chest is too close to the instrument panel, the airbag system cannot provide effective protection in the event of an accident.
- The backrest must not be excessively tilted during the driving; otherwise, the safety belt and airbag will not be able to provide effective protection during emergency braking or accident.

Driver's foot pad

It is only allowed to use the foot pad that is securely fixed in the foot space and does not interfere with the manipulation of the pedal.

Ensure that the foot pad is firmly fixed during the driving and does not interfere with the manipulation of the pedal. You can purchase the appropriate foot pads from the special service station of our Company.



Alarm!

- If the pedal cannot be manipulated without resistance, traffic safety may be endangered.
- Make sure that the foot pads are always firmly fixed.
- Do not place or install any other foot pads or carpets on the installed foot pad; otherwise, it may reduce the pedal space area, prevent the manipulation of the pedal, and have the risk of an accident!

Function of safety belt

The purpose of the safety belt is to fix the position of the driver and the passengers in case of collision or emergency braking of the vehicle, so as to reduce the injury to them. Fastening the safety belt is the most effective self-protection method for the driver and the passengers before the driving of the vehicle, and can avoid fatal injuries when encountering unexpected dangerous situations.

All safety belts are equipped with a belt tensioner. When a traffic accident occurs and the vehicle is subjected to strong impact, the safety belt will be locked. This will reduce the motion amplitude of the passenger to swing forward.

Alarm!

- Before each driving, even in the city, the driver and other passengers in the vehicles must fasten the safety belt; otherwise, there will be a risk of injury.
- Do not unfasten your safety belt during the driving; otherwise, there will be a risk of injury.
- All drivers and passengers must wear the safety belt all the way during the driving.
- Pregnant women should always wear safety belts when driving, which is the best protection for infants in the abdomen.
- If the safety belt tensioner of the vehicle is triggered, no protection will be provided, at which time the safety belt tensioning system must be replaced at the special service station of the Company.

Why safety belt must be fastened

It turns out that when a traffic accident occurs, the safety belt can provide effective protection to the passengers. Therefore, most national laws require fastening the safety belt when driving. Fastening the safety belt correctly can keep the passengers in correct sitting posture. In addition, the safety belt can prevent the uncontrolled movement that can cause serious injury and reduce the degree of injury.

Alarm!

- The passengers shall always sit on the seat and properly fasten the seat belt when the vehicle is running. Otherwise, it is easy to cause serious injury in case of emergency braking or collision of the vehicle.
- Do not use safety belt buckle.

Precautions for using safety belt

In order to ensure the safety of drivers, attention should be paid to the following points when using the seat belt:

1. Check the seat belt regularly. If any damage is found, it shall be replaced in time to the special service station of Zotye Auto.
2. Wear the safety belt correctly. The crotch belt portion of the three-point safety belt should be fastened as low as possible, tied to the hip, and not tied on the waist; The shoulder strap portion cannot be placed under the arm and should be obliquely hung on the chest.
3. A seat belt can only be used by one person, and two or more persons are strictly prohibited from using one safety belt at the same time. The safety belt shall not be twisted for use.
4. Do not press the safety belt on hard or brittle objects, such as glasses, pens or keys in your clothes; Do not rub the safety belt with the sharp knife so as to avoid damages to the safety belt.
5. Do not allow the backrest to be too inclined; otherwise, the safety belt will not be properly stretched and rolled up; After the safety belt is used, send the safety belt to the retractor.
6. The safety belt must be installed with the seat, and the safety belt device shall not be disassembled at will.
7. If the safety belt has been subjected to a strong tensile load during use, it shall be replaced and shall not continue to be used even if it is not damaged.
8. Soft soap and water can be used as cleaning solution, and the cloth or sponge can be used for cleaning when the safety belt is dirty. Do not use the dye and bleaching agent (the dye and bleaching agent can corrode the safety belt to reduce its tensile strength). Do not use the hard brush to wipe it, so as to avoid damage to the safety belt.

How to correctly fasten safety belt

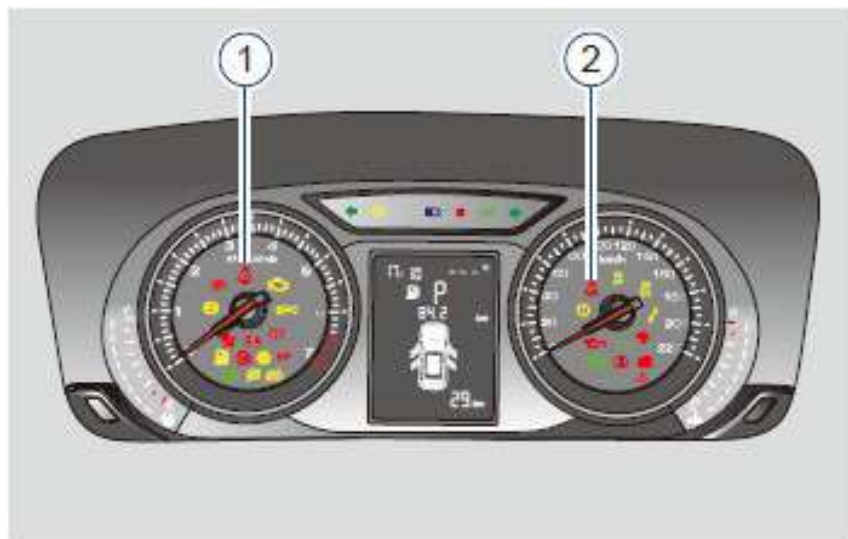


Firstly adjust the seat, sit straight in the seat, and lean against it. Pull out the safety belt slowly from the retractor, insert the belt head of the safety belt into the buckle, and fasten the safety belt. An audible click will occur when the belt head is locked in the buckle. The length of the seat belt is automatically adjusted according to your body size and the seat position. The retractor will lock the safety belt during emergency braking or collision. If you're leaning too fast, the safety belt will also be locked. Slow and smooth movement can stretch the safety belt so that you can move freely.

Alarm!

- After the safety belt head is inserted, ensure that the safety strap head and the buckle is locked, and the safety belt is not distorted. Do not insert coins, clips, etc. into the belt buckle so as not to affect the correct insertion of the safety strap and buckle.
- If the seat belt is not working properly, contact the special service station of our Company immediately.

Alarm for unfastened safety belt



1. Warning light for that the driver doesn't tie safety belt
2. Alarm light for that front-row passenger doesn't tie safety belt

The safety belt of the driver and the co-driver is equipped with an unfastened sound and light alarm device. If you forget to fasten the safety belt when the vehicle is started, the indicator light used to display the unfastened safety belt in the instrument is lit and flickers. It is suggested that when the vehicle speed is more than 25km/h, the sound “tick” alarm is sounded, and the alarm sound is stopped after 100s. Or when you fasten your safety belt, the indicator light is off and the buzzer stops.



Descriptions

When no passengers are seated on the co-driver's seat, the indicator light used to display the unfastened safety belt of the front passenger is not lit. When the heavy objects are placed on the co-driver's seat, the indicator light used to display the unfastened safety belt of the front passenger may be on.

Safety belt height adjustment



The vehicle has a shoulder strap height adjuster on both the driver and the seat belt of the right front passenger. The shoulder strap height can be adjusted by the shoulder strap height adjuster to center the shoulder strap portion of the safety belt over the shoulder.

Press the release button to push the slider/plaque to move the shoulder strap height adjuster up and down. After moving the shoulder strap height adjuster to the desired position, loosen the release button and try moving the shoulder strap height adjuster down to ensure that the shoulder strap height adjuster is locked in place.

Tighten/loosen the three-point safety belt



- Close and lock the door (press the switch lockout button of the door lock).
- Adjust the seat and head restraint correctly and move the safety belt height adjuster to your proper position.
- Sit straight in the seat, lean against it, pull the lock tongue, pull out the safety belt slowly, wrap the chest and hip correctly, and do not twist the safety belt, as shown in the figure above.
- Insert the lock tongue into the buckle of this seat until a click is heard.

Tighten/loosen the three-point safety belt

- Pull the shoulder strap part of the safety belt up and tighten the span belt.
- After the safety belt is fastened, please pull the safety belt and ensure that the safety belt is locked in the buckle.

Notice!

Don't be too fast when you pull your safety belt through your body; otherwise, the three-point safety belt may be locked. If this happens, you can retract the safety belt a little bit and then it will get unlocked. And then slowly pull the safety belt through the body.

- If you want to unlock the safety belt, use one hand to grasp the span belt close to the lock tongue, and the other hand presses the red release button on the buckle, and then the lock tongue will pop up.
- Slowly return the safety belt; it will rewind automatically to the unused state.

Notice!

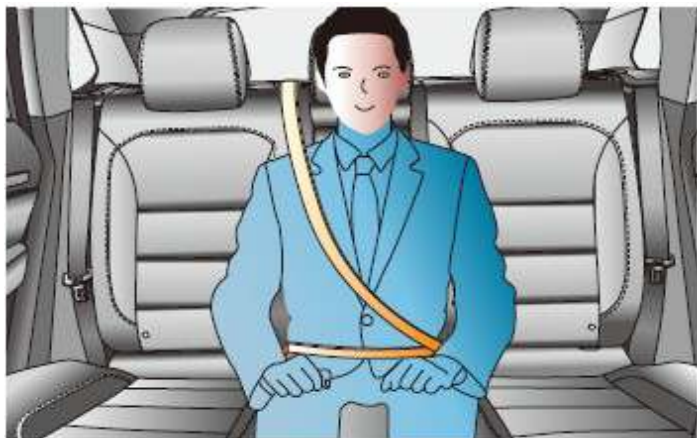
- Before closing the door, make sure that the safety belt is not clamped by the door. Otherwise, when the door is forcibly closed, both the safety belt and the door will be damaged.
- Please make sure the position of the release button on the buckle so as to quickly unlock the safety belt if necessary.
- If the safety belt cannot be smoothly retracted, the safety belt should be pulled out to check for twisting or bending to ensure the smooth of the safety belt during retraction.

Descriptions

The vehicle equipped with emergency lock safety belt will trigger the safety belt to lock in emergency braking.



The middle safety belt for the rear-row seats



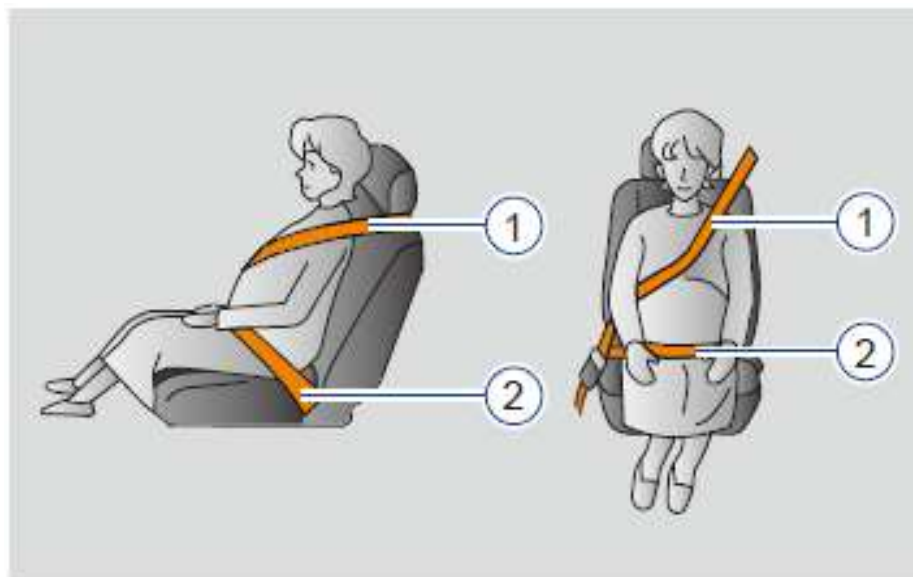
Alarm!

The too high or too loose position of the waist belt can cause the passengers to cause serious injury due to sliding of the body in the event of a collision or other accidents of the vehicle. The waist belt shall be kept as far as possible in the hip position.

The rear middle seat belt is a three-point belt type safety belt, and the belt head of the safety belt is inserted into the buckle, and the safety belt is fastened. An audible click will occur when the belt head is locked in the buckle.

The length of the waist-type safety belt can be adjusted manually according to your body size. The position of the waist-type safety belt should be as low as possible to the hip rather than the waist.

Modes for pregnant women to fasten three-point safety belt



The pregnant woman must wear the safety belt correctly, and also follow the doctor's advice. As shown in the above figure:

1. The shoulder belt avoids the abdomen bulge and is worn on the chest;
2. The waist belt is worn below the hip and below the abdomen.

Alarm!

- The method of wearing the safety belt for pregnant women is basically the same as that of the normal safety belt, but the waist belt part can be lowered as low as possible and placed under the belly of the raised abdomen. While the shoulder safety belt is to pass through the shoulder, it should be kept away from the abdomen so that it is located in the chest. If the safety belt is not used correctly, when the vehicle is in emergency braking or a collision accident, the safety belt will tighten the abdomen of the bulge and cause serious injury to both the mother and the fetus.
- The person suffering from the disease should be sure to wear the seat belt correctly, but also needs to follow the doctor's advice.
- Do not loosen the safety belt with clips or pins.
- If the shoulder belt is too loose, there is a certain distance between the body and the safety belt when a vehicle collision accident occurs and cannot be tightly restrained, and it is easy to press the chest and is very dangerous. In addition, when the safety belt is too loose, the head is close to the steering wheel, and the airbag is inflated, it may be strongly impacted.

General description

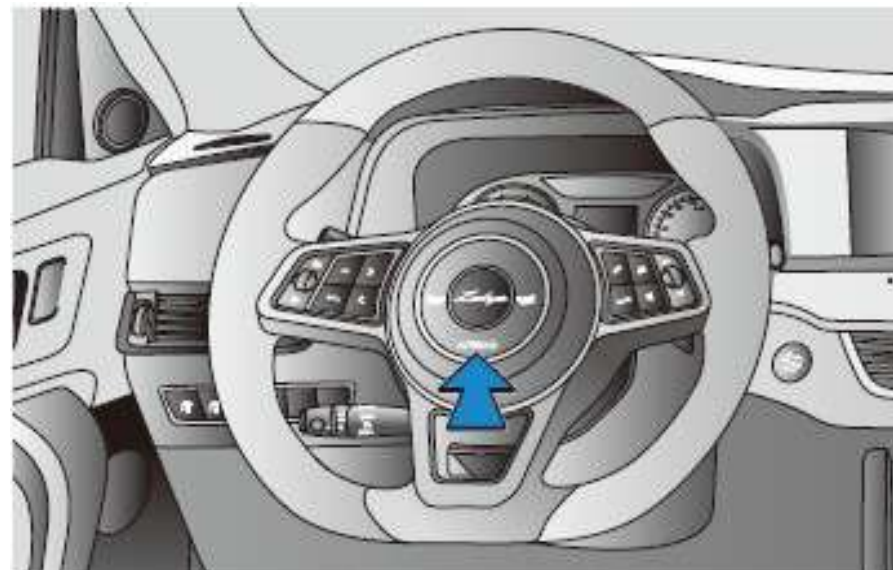
The airbag is part of the overall passive safety protection system. The airbag system is a complement to a three-point safety belt that rapidly expands in a more severe frontal collision accident to provide an air cushion between the driver and the dashboard to provide additional protection to the head and chest of the driver and the co-driver to reduce injury of their body.

The airbag works only if the engine is started or the power supply is “ON”. This injury may be fatal to children when the airbag is detonated, causing serious injury to the head and neck of the driver. In the event of a frontal collision of the vehicle, only the airbag plus the safety belt can play the best protection role.

The airbag mounted on this vehicle has:

- The driver front airbag is positioned at the center of the steering wheel;
- The front passenger airbag is positioned in the dashboard above the glove compartment;
- Front seat outside air bag;
- Safety air curtain (both sides). Where the airbag is installed, the words “AIRBAG” are marked.

Front-row airbag



Steering wheel airbag

The driver front airbag is positioned in the steering wheel. The front passenger airbag is located in the dashboard. The airbag installation position is marked with the words “AIRBAG”. When a serious frontal collision occurs, the front airbag complements the three-point safety belt and provides additional protection to the driver's head and chest.

Front-row airbag

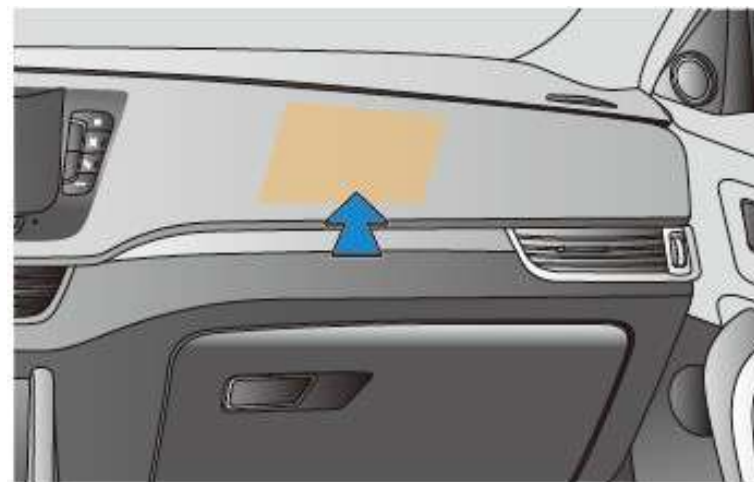
The airbag system cannot replace the safety belt, which is an integral part of the vehicle's passive safety. Please notice: The airbag system can perform the best protection only when correctly worn safety belts and properly adjusted head restraints.

Therefore, not only is it based on the provisions of the law, but also for safety reasons, it is necessary to fasten the safety belt all the time while driving.

In addition to normal protection, the safety belt can keep the driver and front passenger in the position where the front airbag provides the maximum protection in the event of a frontal collision accident.

If the airbag is triggered, the airbag will be instantaneously filled with the gas and deployed before the driver and the front passenger. The inflation of the airbag can be accomplished at a moment of high speed so that additional protection can be provided to the passenger during an accident. When the driver and the front passenger fall into the fully inflated airbag, its forward inertia is buffered to reduce the risk of injury to the head and upper body.

The specially developed airbag can discharge proper amount of gas according to different pressure exerted by the corresponding passenger, so as to play a buffer role on the head and the upper body of the passenger. After the accident, the inflated airbag is emptied to ensure that the driver's front line of sight is not occluded.



Inner airbag of dashboard

Front passenger airbag is installed on the right side of the dashboard. Additional protection can be provided to the head and chest of the front passenger when severe frontal collision occurs.



Descriptions

An ash-white harmless gas will be released when the airbag is inflated. This is normal and does not represent the vehicle's misfire.

Front-row airbag



Function of front airbag

Fully expanding airbag can reduce the risk of injury of the head and the upper body.

The airbag system is designed such that the airbag will expand when a collision accident occurs and the airbag deployment condition is satisfied. When the airbag is deployed, the airbag is inflated with a burst of gas and inflated in front of the driver and the co-driver, and the inflation of the airbag can be completed at high speed within a fraction of a second, thereby providing additional protection for the passenger during an accident. When the front passengers fall into the fully inflated airbag, its forward inertia is buffered to reduce the risk of injury to the head and upper body. The specially developed airbag allows a proper amount of gas to be discharged when subjected to compression by the passenger, so as to have a blocking effect on the head and the upper body of the passenger. After the accident, the inflated airbag is emptied to ensure that the driver's sight is not occluded.

Alarm!

- The airbag will generate great force when triggered, so personal injury may be caused when the seat is adjusted or seated incorrectly.
- It is important to maintain a distance of at least 25 cm, from the steering wheel or dashboard for both the driver and the front passenger. If you do not maintain the minimum distance as described above, the airbag system will not be able to protect you, and with it risk of injury! In addition, the seat and head restraint must also be adjusted to a suitable position.
- It is strictly prohibited to use children's seat on the front seat, the triggered front airbag of the front passenger may cause serious injury to the child.
- There shall be no other person, pet or article between the front-row driver and the airbag.



Manipulation

Safety

Driving guidance

Operating guide

DIY

Technical data

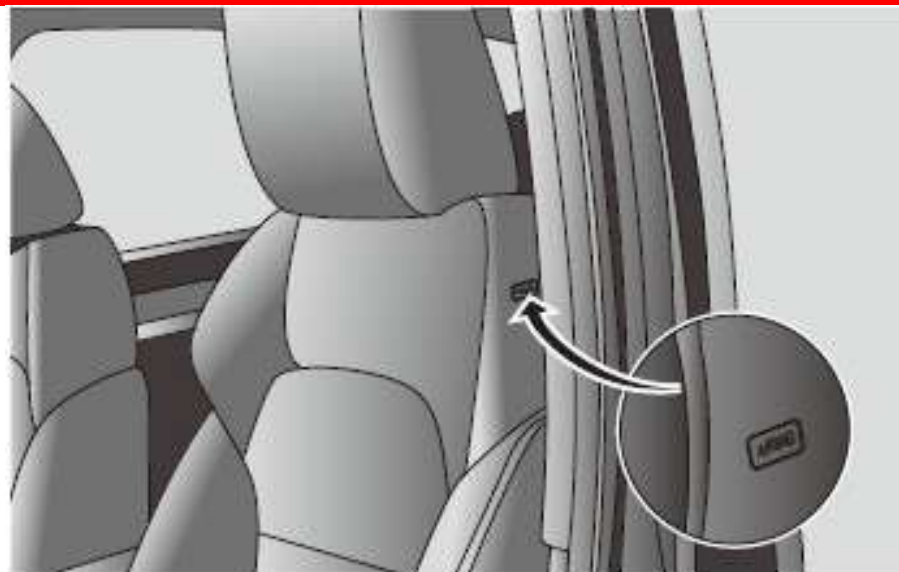
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Front-row airbag

Alarm!

- The surface of the airbag module in the steering wheel and front passenger dashboard is not allowed to paste, to cover other objects or make any change. These two are allowed only to be cleaned with dry or water-soaked cloth. Any part, such as a cup holder or a telephone mounting bracket, is not allowed on the cover of the airbag module and its adjacent area.
- Do not make any change to the components of the airbag system. All the operation of the airbag system and the disassembly and installation of the system components due to other maintenance work (e.g., removal of the steering wheel) must be carried out by the Zotye Auto special service station.
- Do not make any change to the front and rear bumper or vehicle body.
- Do not place the item on the cover of the front airbag.

* Side airbag



The side airbag is located in the backrest cushion of the driver's seat and the co-driver's seat. The upper part of the back of the backrest has the word "AIRBAG".

In the event of a serious side impact, the side airbag is a supplement of the safety belt and provides additional protection to the driver and the upper body (chest, abdomen, and hip) of the front passenger.

* Side airbag



Alarm!

- It is strictly prohibited to use children's seat on the front seat, the triggered front airbag of the front passenger may cause serious injury to the child.
- The head of the passenger must not be in the pop-up area of the side airbag; otherwise, there may be serious injury in the event of an accident. Children who are not equipped with child protection devices should pay special attention to this when riding a vehicle.
- If a child is not sitting correctly during driving, it can lead to serious bodily injury in an accident.
- The coat and cap hooks in the vehicle will only allow light clothing. Do not load heavy and sharp objects in pockets.
- There shall be no other person, pet or article between the passengers and the actuating range of airbag. To ensure that the side airbag works properly, the vehicle door may not install accessories (such as drink cans/cup supports).
- Seat backrests are not allowed to apply excessive force (for example, violent hammer and kicking, etc.), otherwise may damage the inside of the seat backrest airbags, which may lead to side airbags can't trigger!



Alarm!

- Do not use seat covers that are not approved by the company in the driver or front seat. Because the airbag is to be expanded from the backrest of the seat, the protection of the side airbags will be greatly reduced when using unlicensed seat covers
- The airbag module in the seat does not allow damage, tearing and deep scratches. It is not allowed to force open airbags.
- If you find damage to the side airbag module area of the seat sleeve, you must immediately contact the company's special service station for repair.
- All the operation of the side airbag and the disassembly and installation of the system components due to other maintenance work (e.g., removal of the seat) must be carried out by the special service station of the company.



Descriptions

When the side airbag is triggered, the side air curtain on the side of the accident will automatically trigger in order to improve the protection effect of the crew.

* Side airbag

Driver

Please sit in the driving range and try not to get too close to the steering wheel.

co-driver

As far as possible away from the airbag of the co-driver seat, sitting back. Please do not ride in front of the seat or near the dashboard. Do not drive on state of the items placed on knee or crew between the airbags. Otherwise, when airbags inflate, items can fly up and down the face, or prevent airbags from exploding normally, which is very dangerous.

Please do not allow children to stand in front of the airbag in front of the passenger seat, and do not hold the child in the lap. When airbags inflate, they will have a strong impact, which is very dangerous. Please do not approach the door, front post, back post, and roof side. When side airbag and the side air curtain inflate, the head will have a strong impact, which is very dangerous. Especially when children are on board, be sure to pay attention.

Please refrain from slapping the steering wheel cushion cover, the dashboard and the front seat side of the airbag inflating area. Otherwise, the airbag cannot work properly and can cause serious injury.



Alarm!

When using airbags, be sure to follow the following precautions. Otherwise, it is easy to cause significant damage or airbag point detonation.

- The airbag is the auxiliary device that can provide the seat belt, but it cannot replace seat belt. If you can't correct posture sitting on a chair, and not wearing a seat belt rightly, when the vehicle collision accident, cannot give full play to the airbag efficiency, and the impact of the airbag expansion can cause serious injuries.
- Adjust the seat to the correct position and the body will sit on the back rest. If the body covers the inflating part of the airbag or is too close to it, the balloon expands and is vulnerable to a strong shock.

* Side gas curtain



The side curtain is mounted on the side door of the vehicle. The installation position is marked with "AIRBAG" (Airbag).

In the event of a serious side collision, the side air curtain is attached with the three-point safety belt and the side airbag to provide additional protection for the crew's head and neck. In addition to normal protection function, the safety belt can keep the driver and passenger in the position where the side air curtain provides the maximum protection in the event of a side collision accident.

Alarm!

- It is strictly prohibited to use children's seat on the front seat, the triggered front airbag of the front passenger may cause serious injury to the child.
- In order for the airbag to expand unimpeded, there is no object allowed in the pop-up area of the side air curtain.
- The coat and cap hooks in the vehicle will only allow light clothing. Do not load heavy and sharp objects in pockets. In addition, clothes hangers are not allowed.
- The airbag control unit is coordinated with the sensor mounted on the side pillars. Therefore, it is not allowed to make any adjustments to the side pillars and their panels, the resulting damage will have a negative effect on the function of the airbag system. All operations of side pillars and their panels are only permitted by Zotye Auto special service station.



* Side gas curtain



Alarm!

- No other personnel (such as children) or pets are allowed to operate between the occupant and the side air curtain. In addition, don't poke your head out of the window or stick your arm out of the window while you're in the vehicle.
- If an object is fixed on top of the visor (for example, a ballpoint pen), the visor is not allowed to move to the side window to trigger the side curtain. Otherwise, the crew may be injured when the side air curtain is triggered.
- If an unlicensed attachment is installed in the side air curtain area, the protective function of the side air curtain may be greatly affected when the airbag is triggered. The attached parts may be thrown into the vehicle and thus injure crew members when the trigger side is inflated.
- Removal and installation of the components of the system because of all operations of the contra lateral air curtain and the other maintenance work (for example, remove the roof trim board) allow only conducted by the company special service station.



Descriptions

When a side collision occurs, the side air curtain is triggered with the corresponding side airbag. After the system is triggered, the airbag can quickly inflate and overcharge the upper region of entire side window including the vehicle door post.

The protective effect of the side air curtain is good for the front seat and back seat crew of the vehicle accident. The expanded side air curtain can cushion the head against the vehicle's interior trim or the external object of the vehicle. Besides, the neck load can also be reduced by lowering the head load and significantly inhibiting the head movement. Even in the event of an oblique collision, the side air curtain can be provided with additional protection by covering the front door post.

Specially designed airbags can escape the gas at a specific rate under the pressure of the occupant's body weight to further buffer the collision of the occupant's head with the doorpost.



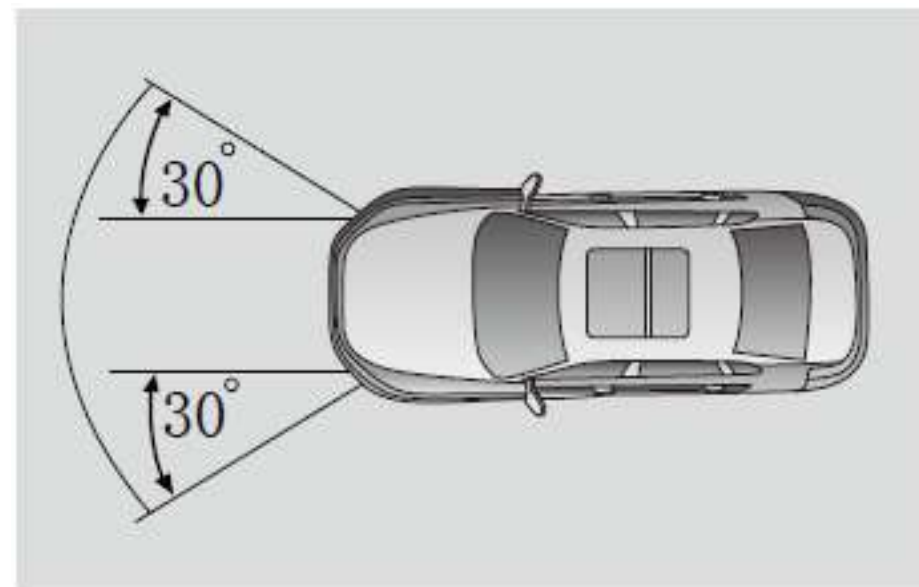
Airbag

When the collision is serious, the airbag system will unfold, but the expansion of the airbag requires certain conditions. When an accident occurs, if the collision energy is absorbed through the body structure and the restraint of the occupant through the safety belt can satisfy the protection of the occupant, the airbag should not be carried out; When the above conditions cannot meet the protection of the crew, the airbag should explode to protect crew.



Alarm!

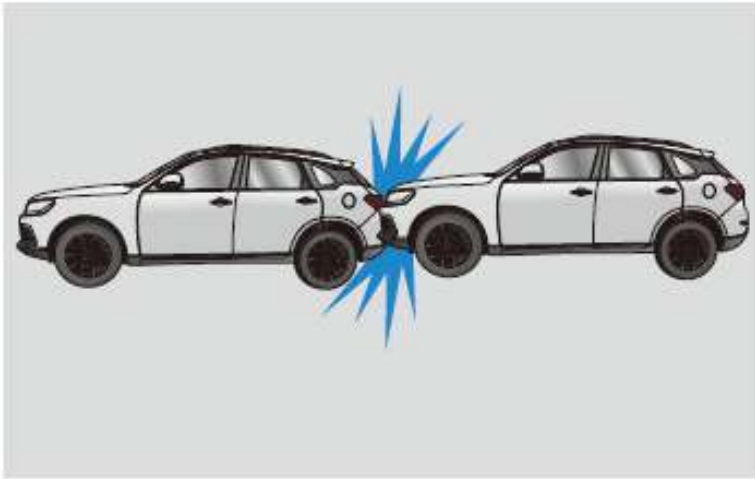
- Do not touch the parts of the air bag after the airbag is unfurled to prevent scalding.
- Once the airbag system is deployed, it can no longer be used. The technical personnel of our company's special service station should be invited to replace a new airbag system!



Situation of front frontal airbag expansion

When the collision occurs in the area shown in the above image, the airbag expands when the speed of the vehicle collision decreases to the threshold set by the airbag computer.

Airbag



Situation of front frontal airbag non-expansion

Situation I of non-expansion

The vehicle is subject to rear rear-end or collision.

The front airbags work in front of the driver side or passenger side to pop the airbag and expand. When the vehicle rear-ends or crashes, under the force of inertial forces, the occupant moves in the direction of the backrest, the airbag does not have any protective effect on the crew, and the airbag does not expand.



Situation II of non-expansion

When the vehicle is hit by a side collision.

When a side collision occurs, the occupant moves in the direction of the collision, so the airbag from the front does not protect the occupant, then the front airbag does not expand.



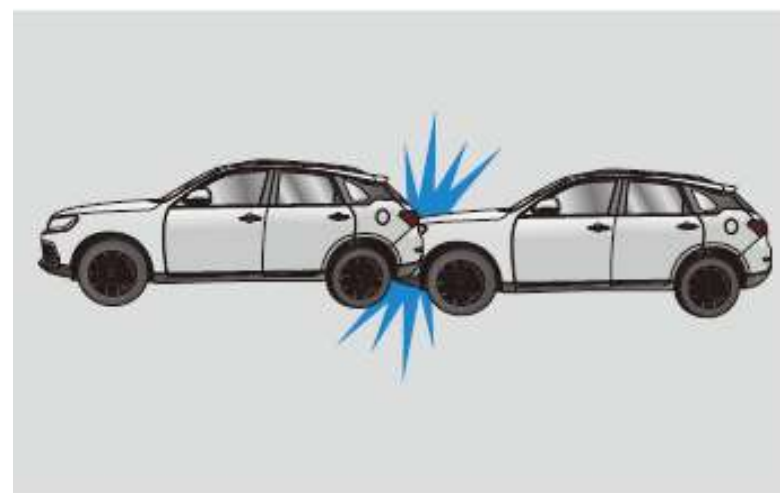
Airbag



Situation III of non-expansion

When the vehicle is subjected to an oblique collision.

In the case of an inclined plane collision, the collision force will lead the crew to the front of the airbag, which cannot provide the direction of additional protection, and then the front airbag does not expand.

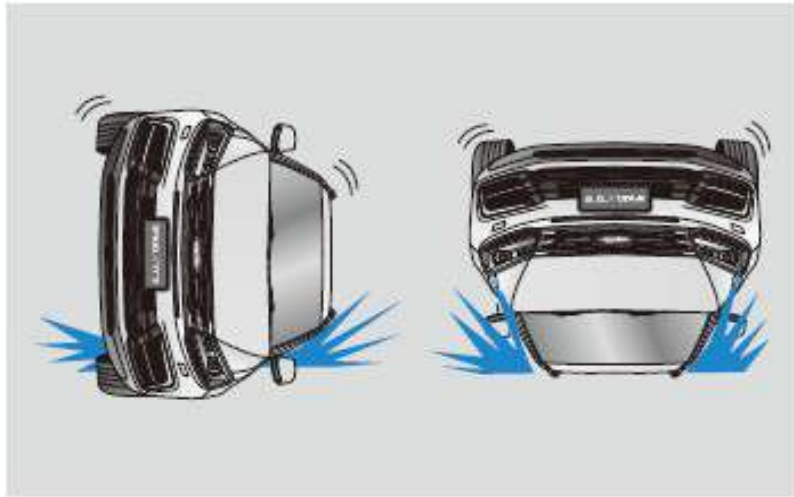


Situation IV of non-expansion

When the vehicle is hit by a rear collision, and tail with the vehicle ahead.

When a collision occurs, the driver instinctively takes the emergency brake, which is the subduction of the forward sinking of the vehicle. Under the conditions of subduction occur collision or a crash, the front of the vehicle will enter to the bottom of the other vehicles, crash sensor receives the impact energy is not big, and then the front airbag not carried out.

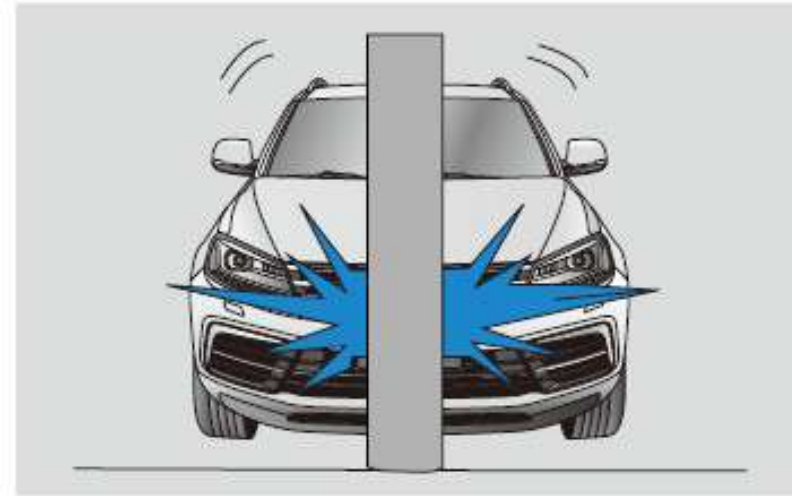
Airbag



Situation V of non-expansion

When the vehicle occur a rollover accident.

The front airbags do not unfold during the rollover accident, because even the airbag expansion cannot provide adequate protection for the crew. But if the vehicle is equipped with a side and head airbag, the side and head airbags may unfold when the vehicle is hit by a side collision.



Situation VI of non-expansion

When the vehicle is suffered with special collision.

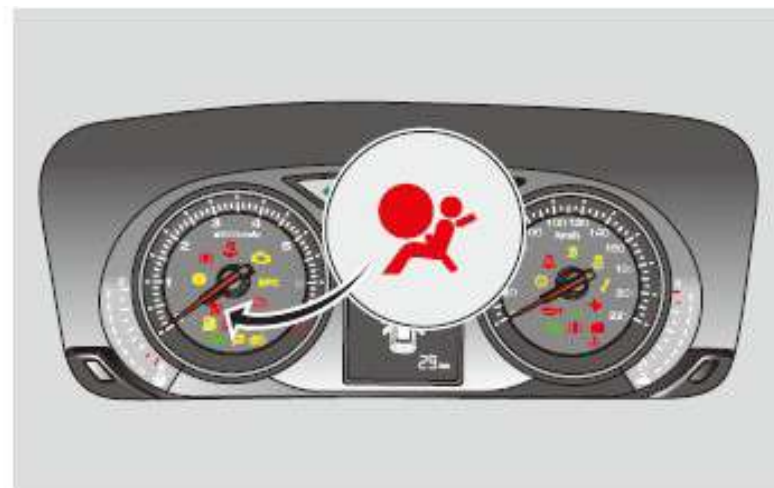
If the vehicle collision with certain objects such as pole or trees, in this kind of collision, the collision point all concentrated in one place and there is no collision force transmitted to the sensor, and then the front airbag not carried out.

Airbag

Side airbag and side air curtain

Only if the vehicle suffers side impact and lateral acceleration reach setting threshold, the side and side curtain airbags will expand.

Lateral side airbags or air curtain deployment will not trigger the front airbag.



Airbag fault alarm light lights up as shown in the above. The following circumstances indicate the airbag system is faulty:

- When the one-key start switch starts, the indicator light does not light;
- The one-key start switch starts after about 4S, the indicator light is not extinguished;
- After the one-key start switch starting, the indicator light is put out but light again;
- During the traffic, the indicator light is lit or flashing.

When airbag system failure occurs, please as soon as possible with your company staff special service station for repair.

Driving instructions for children

Traffic accident statistics show that children sitting in the rear seat are more safety when driving with children. When you driving with children, advising children under 12 should be sitting in the rear seat, and according to the height and weight of the children choose appropriate seat or conventional belts. To be on the safe side, child occupant seats should be installed in the front row seats at the back of the rear seat, so that children can get off at the pavement side.

This user manual introduces the crash of the physical principle also applies to children. Children, unlike adults, the muscles and bones of children has not been fully developed, therefore, more vulnerable to injury, and the degree of injury is more serious. To reduce the risk of injury in an accident, cars carrying children must use the child protection system to protect children.



Alarm!

In the accident and emergency braking, in order to effectively protect the child, must according to the age and body size of the child use safety belts or child protection device properly to protect children. Held the child in his arms does not replace the role of the child protection device, in the case of accident, children may hit the windshield or squeezed between the occupant and carriages.



Alarm!

- Suggest using children protection devices which are suitable for children's figure properly, and mounted on the rear seat. According to the investigation of the accidents statistics, children sit on the rear seat and use safety belts properly are safer than children sitting in the front seat.
- Prohibited in the front row occupant seats installed on child protection device for rear. If the children protection device installed in the front row seats for rear, so in the case of an accident, in front of the occupant safety airbag rapid unrolling of strong will lead to serious injury and even death in children.
- When using child protection device, complying with all the installation instructions provided by the child protection device manufacturers, and installing child protection device correctly. If not installed correctly, then turn in emergency braking, emergency or accident, may cause serious injury and even death in children.

Using precautions for child safety seat



Children seat installation warning label on the passenger side overshadow.


The correct use of child safety seat can reduce the risk of children accident casualties. As the driver, must always pay close attention to the accessory children's safety:

1. Choose the appropriate child safety seat.
2. In strict accordance with the child safety seat operating specifications for installation and fixation of child safety seats.
3. The rear facing child restraint system should not be used on the seat under the front airbag protection (active state). Don't need to use child safety seats, please install it on the seat or in the suitable place of trunk and fixed. If placing it anywhere in the vehicle, during emergency braking, it is easy to meet occupant and other items,

Alarm!

- Do not install the child safety seat of the chair back in driving direction in the front row crew seat to bring children on driving, so as not to make children suffered serious damage in the accident. You are advised to put child safety seat in the rear seat.
- Must not allow hugging the children (including infants) in the vehicle passengers' arms.
- Ensure there are not any hard or sharp objects such as toys on child safety seat, in order to avoid hurting children when driving
- When the vehicle is on driving, must not let children move optionally in the vehicle or standing in the vehicle, otherwise in emergency braking or crash occurs, children may be cast in situ and serious damage, at the same time may also be wound inside other crew.
- When the vehicle is on driving, if children sitting position is not correct, in emergency braking or an accident they will be seriously injured extremely easily, especially on the crew sitting in the front seat children, if when the accident occurred at the same time trigger airbag, would be more serious injury.

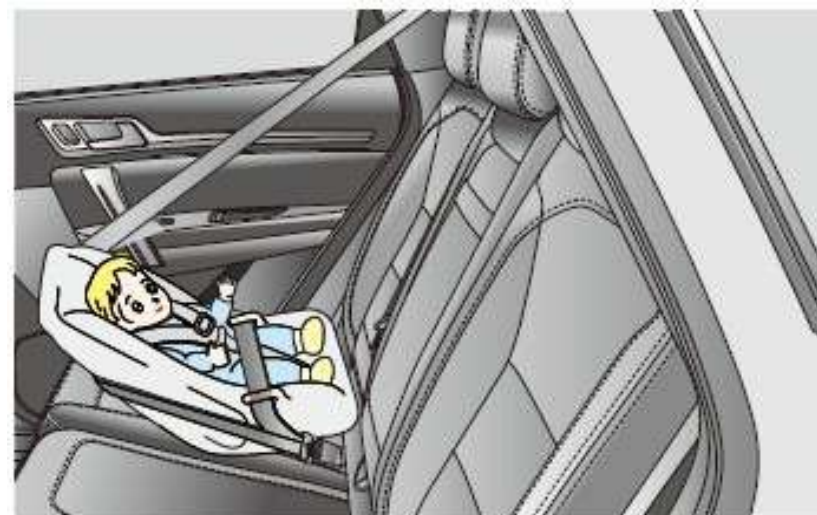
cause an accident.



Child safety seat selection standard

Please choose qualified and appropriate children's seat according to children's age, height, weight. The following data is only for reference in choosing children's seat.

Install Fixing special lever of children's seat which corresponding ISOFIX and upper			
Infants and young children seats of holder			
Weight (kg)	Height (cm)		Refer to the age
The baby seat	Less than 10	Less than 75	Baby ~ 1 year old
Infant seat	9~18	75~105	9 months ~ 4 years old
Child seat	15~32	100~135	4 years old ~10 years old



Infant and young children seat

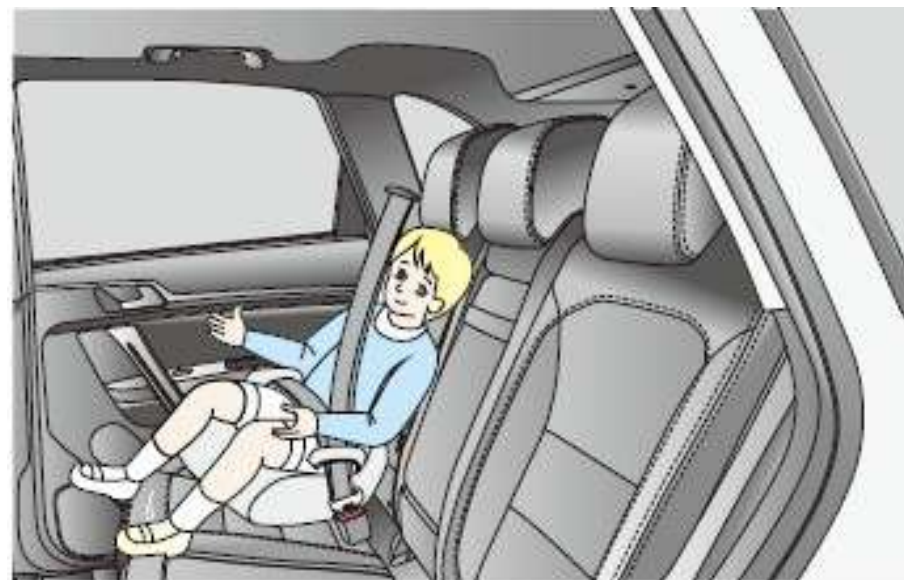
For the baby whose age is less than 12 months, and weight is less than 10kg should use the children seat which can be adjusted to lie down position.

Child safety seat selection standard



Child seat

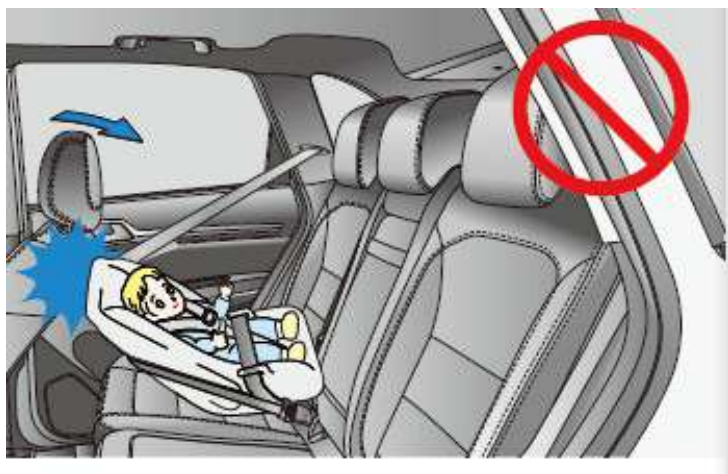
For the baby or small child whose age is less than 4 years old, and weight is between 7kg to 18kg, you should use the child seat faced driving direction and equipped with safety belts.



Teenagers seat

For the child whose age is less than 10 years old, and weight is between 15kg to 32kg, should use three-point safety belt with children seats.

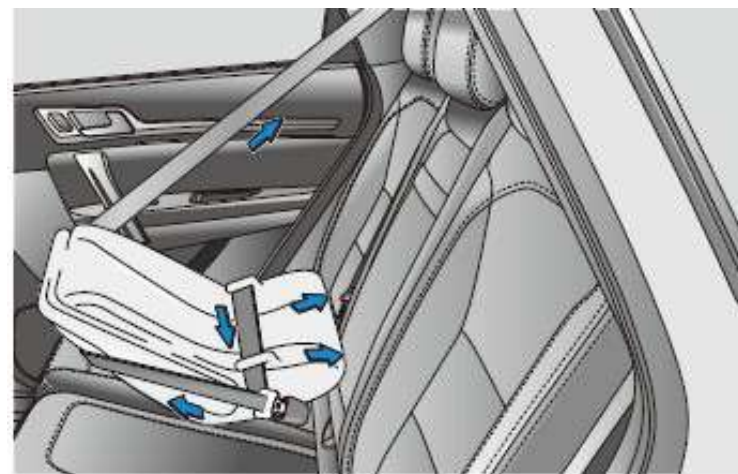
Install the child safety seat



Install the infant and young children seat

Infants and young children seat must be used facing rear.

If when installing a baby seat, hinder the front seat of the locking mechanism, this system may not be installed on the rear seats. Otherwise when emergency braking or a collision, will lead to infants and in front of the occupant serious injury and even death.



According to instructions supplied by the manufacturers of child protection device, make the three-point seat belt through or bypass the infant seat, insert the safety belt lock tongue lock, avoid the safety belt distorting, at the same time, maintain the waist belt tight. Press the baby seat to seat cushion and seat backrest, at the same time, pull the free end of the safety belt tightly and fasten the waist belt tightly, fix baby seat tightly.

In different directions to push, pull baby seat, and make sure have installed it firmly.

Install the child safety seat



Install the child seat

According to the age and figure of the child, the installation position of child seat facing forward. According to instructions supplied by the manufacturers of child protection device, make the three-point safety belt through or bypass the child seat, insert the safety belt lock tongue lock, avoid the safety belt distorting, at the same time, maintain the waist belt tight.

Press the child seat to seat cushion and seat backrest, at the same time, pull the free end of the safety belt tightly and fasten the waist belt tightly, fix child seat tightly.

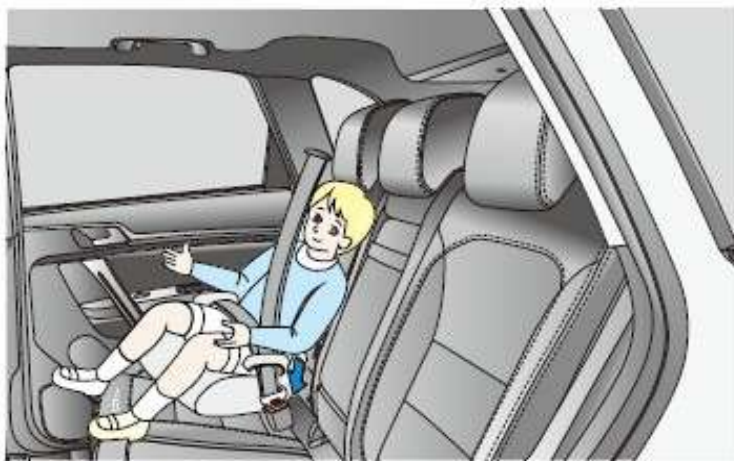
In different directions to push, pull child protection device, and make sure have installed it firmly.

Alarm!

When using children special seat, please be sure to comply with the following, otherwise, prone to accidents and major damage:

- Please be sure to choose suitable children special seat according to children's height and weight. Child's figure is unlike adults, while when design the ordinary seat belts, children are not as one of the considered factor. If children use ordinary safety belt, when the vehicle collision accident occurs, the abdomen, neck will be squeezed strongly by safety belt and easy to cause significant damage.
- When infant is in the vehicle, the special seat which can support including head and neck safely is needed. Because the baby's neck is not stable, and the head is relatively heavy, therefore, be sure to put the baby into the suitable baby seat.

Install the child safety seat

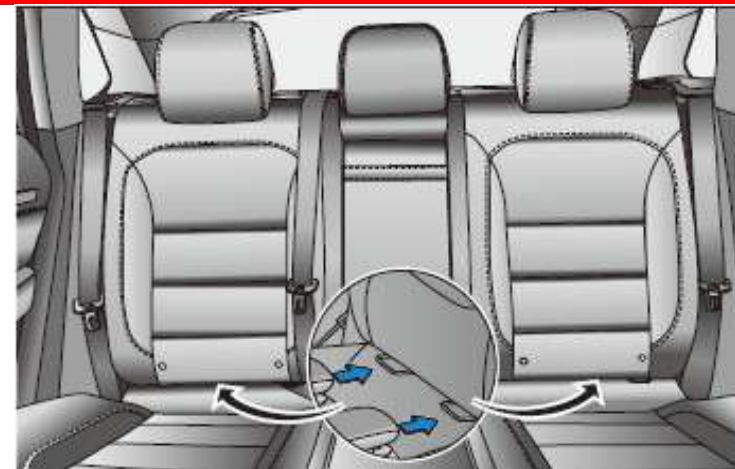


Install teenagers' seat

Teenagers' seat must be used facing front

Let children sit on teenagers' seat. According to the instructions supplied by the manufacturers, make the three-point safety belt through or bypass teenagers' seat and across the children, then insert the safety belt lock tongue to the lock catch, avoid twisting safety belt. Ensure shoulder belts across on the shoulders of children correctly, the position of the waist belt should be lower than children's hip.

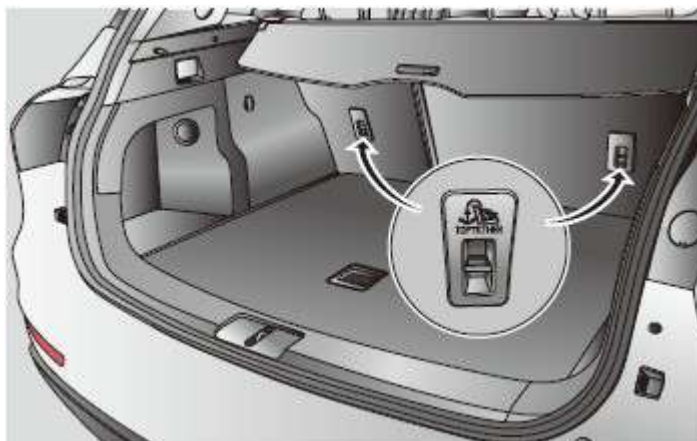
ISOFIX/LATCH Children protection device



Make under fixed link of child seat card into the (pressure, insert) ISOFIX fixed ring which is on either side of the seat. Pull the both sides of the child seat to check whether the installation is firm.

Make the under connection accessories on both sides of the child safety seat respectively fixed on the ISOFIX interface of rear seat position. Tightly to press children's safety device to the seat cushion and seat backrest, at the same time, secure shoulder strap completely contraction, in different directions, to push the child safety device press and pull, confirm the fixed tightly.

ISOFIX/LATCH Children protection device



Make child seat card hook clasp to LATCH fixed ring, and tighten belt.

Make under fixed adjustment belt of child seat hang on ISOFIX fixed ring of the either side rear seat. Pull the both sides of the child seat to check whether the installation is firm.

Alarm!

- Use children seat special lever and upper holder of corresponding ISOFIX, please are sure to read the product operating specification, and install firmly, and abide by the method of use.
- Use Special retaining ring of child protection device; ensure that seat has be moved to the lowest position, and the seat backrest close to child protection device.
- After fastening child protection device, please do not adjust the backrest angle.
- If the installation for child protection device could interfere with the locking mechanisms of the front seat, do not install the child protection device in the back seat, otherwise when emergency braking or a collision, can cause serious damage to children or the front seat occupant and even death.

Notice!


The ISOFIX/LATCH retaining ring of rear seat connected to the body, hidden in the back seat backrest and the seat cushion.


ABS+EBD

ABS(anti-lock brake system)

Equipped with ABS system of the vehicle during emergency braking, through the control device adjust the brake pressure, so that the vehicle in a skid road or emergency brake ABS braking system can prevent wheel lock, the vehicle in the braking state can still turn the wheel, so as to ensure the direction of the vehicle braking stability, prevent to produce sideslip and wandering. Thus improve the driving safety

In addition, the ABS device also has the self-diagnosis function, able to work on the system of condition monitoring, once found the normal operation system failure will

automatically shut down the ABS, and ABS fault alarm light light,  send alarm signal to the driver; the vehicle's braking system can still be like a conventional braking system for brake.

When speed is below 10 km/h, ABS system does not work. When ABS is working, you can feel the brake pedal has a slight vibration. If the ABS fault alarm light  has one of the circumstance: not bright after the vehicle starts; not go out after light; light on driving, it indicates the ABS system components break down, please contact our company special service station maintenance vehicles as soon as possible.



Alarm!

Don't rapid successions on the brake pedal when braking (inching), hit the brake pedal uniformly and strongly.



Descriptions

When you hit the brake pedal, you feel the pulse of brake pedal and the noise of hydraulic control, it shows the ABS is working

EBD (electronic brake-force distribution system)



EBD (electronic brake-force distribution system) is a supplement of the ABS system, used with ABS composite, can improve the efficacy of ABS. When an emergency brake, EBD before the ABS function, can be based on the weight of the body and the road conditions, using front wheel as standard to compare with sliding ratio of rear tire automatically, if found this difference degree must be adjusted, brake oil pressure system will be adjusted to

The rear wheels of oil pressure, in order to get more balanced and more close to the ideal braking force distribution. Can prevent a spin and lateral.

* Bodywork stability control ESC



Electronic stability control system ESC can make vehicle keep the best driving stability under various conditions. When the power to "ON", the ESC system in an open position, press the ESC switch (pictured above), the ESC system closed, ESC

off indicator lamp  on the combination instrument light. When press the ESC switch again, open the ESC system, ESC off indicator lamp  on the combination instrument go out.

Alarm!

In order to improve the driving safety and comfort, please make sure that the ESC system is opened in the whole process of driving.

Notice!

- If in the following special cases, need to close the ESC function.
 - The vehicle travels with chain;
 - When driving in snow or loose pavement;
 - When vehicles fall into somewhere, need to move, get rid of the trouble.
- When speed is below 10 km/h, ESC system does not work. When ESC is braking, you might feel the brake pedal has a slight shaking or down.



* Bodywork stability control ESC



Vehicle electronic stability control system ESC is helpful to driving safety. It reduces lateral spread risk and improves the stability.

Vehicle electronic stability control system ESC is based on analyzing the vehicle state information from various sensors. When the vehicle in the process of turning appears all sorts of unfavorable to the stability of the vehicle steering occurs, the ESC related sensors will detect these actions, and then sent ESC actuator correction instruction, to help maintain a dynamic balance vehicle.

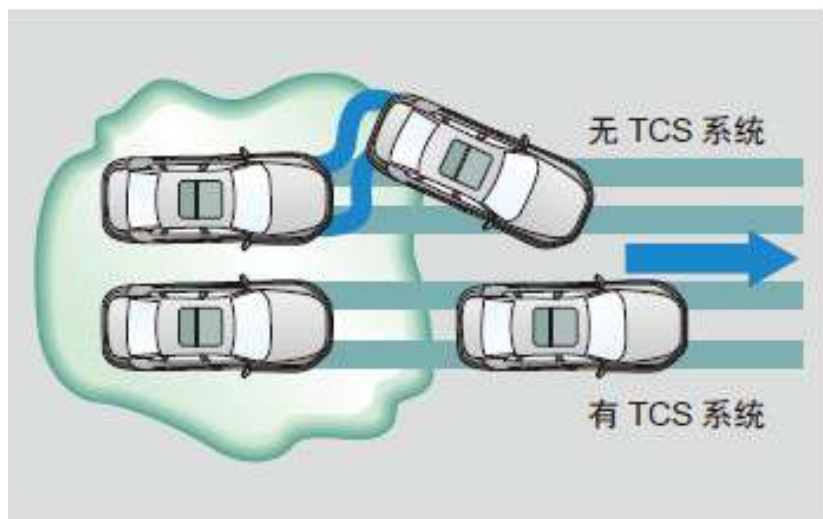


ESC major role is a correction of oversteer or understeer, for example, when the vehicle in slippery left oversteer, vehicle sensor feel vehicle sliding will quickly brake right front wheel to restore its adhesion, produce a kind of opposite torque and keep the vehicle in the driveway.

! Notice!

ESC can't go beyond the physical limits of road adhesion, when it drive on slippery roads or tow vehicle, should pay more attention to it.

* TCS Traction Control System



TCS is the abbreviation of Traction Control System (The traction control system), is the subsystem of ESP, it is a kind of anti-slip control system which based on the speed of the drive wheel and the speed of driven wheel to determine whether the drive wheels skid phenomenon occurs, when the former is greater than the latter, then suppressing drive wheel speed.

TCS has great help to the stability of the vehicle. When the vehicle driving on slippery roads, without TCS, drive wheel is easy to skid when accelerating. If it is the rear wheel, easy to cause the vehicle tail; If it is the front wheel, the vehicle direction easy out of control, cause the vehicle to the side. With TCS, the vehicle during acceleration will be able to avoid or reduce this kind of phenomenon, keep vehicles driving along the right direction.

! Notice!

Traction control system TCS and vehicle electronic stability control system ESC share a switch button. When the traction control system TCS is working, the ESC indicator lamp on combination instrument is flashing.

* Brake assist

Brake assist system identifies and determines whether to introduce emergency brake application by recognizing the situation of driver's pedal. Because the system can immediately trigger the biggest brake pressure, in order to achieve the highest possible braking effect, achieve ideal braking effect to stop traffic accident.

* Hill auxiliary system HAC

Hill auxiliary system allows the vehicle starting on the ramp but not backing down under the condition of without using hand brake, when driver's right foot leave brake pedal, the vehicle can still maintain a brake a few seconds, so it can make the driver changes foot from the brake pedal to the accelerator pedal easily, make the driver start on hill more calmly.

Brake override system

Brake override system refers to the system that driver can pass on the brake pedal system to stop the vehicle under the condition of depressing the accelerator pedal and the throttle fully open (i.e., the accelerator exactly), in other words, brake override system in detecting to the driver when trying to implement brake failed, engine will automatically switch to the idling state. For example, when the vehicle carpet in the accelerator pedal can't reset, such as brake override system will play a role.

*** Starting auxiliary**

Vehicle with auxiliary function when starting, the engine will slightly improve the speed to ensure that the vehicle can start normally.

* Tire pressure monitoring



Touch the "Vehicle information" icon / on multimedia interface, entering into vehicle information interface, as shown in the above. Touch the "tire pressure" icon to go into the tire pressure monitoring interface.



Tire pressure monitoring interface shows all the temperature of the wheel and tire pressure state. Touch "details" virtual button, display detailed data of the corresponding tire, touch again to hidden.

Tire pressure monitoring device can monitor the information such as tire pressure, tire temperature monitoring, alarm when abnormal wheel pressure or temperature, and can monitor tire abnormal situation such as tire quickly leak and system failure.




* Tire pressure monitoring

The effect of tire pressure monitoring devices:

1. To prevent the accident;
2. Lengthen the service life of tire;
3. Make the traffic more economy;
4. Can reduce the wear and tear of suspension system.



Notice!

When your vehicle's tire pressure monitoring device fails, the tire pressure on the combination instrument system fault alarm light  lights, buzzer will always give an alarm. Please go to the company special service station for maintenance in time, clear the trouble, to ensure that the devices can real-time automatic monitoring on your vehicle.



Descriptions

Information about the details of tire pressure monitoring, please refer to the accessory data, GPS, audio-visual, communications systems.

* Mobile phone wireless charging



1. Wireless charging indicator light.

Mobile phones with the function of wireless charging

When the one-key start switch is in the "ON" gear position, put mobile phone in charge, the charging indicator light green light flash slowly, it means the mobile phone is in the process of charging.

Mobile phones without the function of wireless charging

When the one-key start switch in the "ON" gear position, connect the wireless charging receiver purchased to the phone, and back flip it to the mobile phone, with mobile phone in the wireless charging, charging indicator light green light flash slowly, it means the mobile phone is in the process of charging.

After charging, the green light normally on, reminds users to take the mobile phone. When the mobile phone wireless charging position put metal objects, charging will flashing red lights, and long after 10s buzzer rang.

! Notice!

- Mobile phone which is to be charged need to put into charging box to start charging.
- Don't put metal objects or card with a chip, etc. in the mobile wireless charging position, so as not to affect the service life of the cell phone charging modules.
- Don't put the vehicle keys on the phone when mobile phone is in the process of charging, otherwise there will appear warning of "intelligent remote control key is not found".
- When use wireless charging receiver to charge for the mobile phone without wireless charging function, the side with inductive receiving function must be attached to the wireless charging position.
- The vehicle's mobile phone wireless charging function is only for the phone with built-in wireless charging function. For the mobile phone without wireless charging function, it can purchase the corresponding wireless charging receiver for charging.

Run-in period

In order to ensure the service life of the vehicle, the vehicle should be conducted running-in in the initial operation before normal use.

Provision of run-in period

- During the first driving, wax and oil will evaporate from the exhaust system, and then it will generate smoke. After the first driving, the vehicle shall be parked outdoors for some time to prevent personnel from inhaling these smoke.
- In the run-in phase, fuel and engine oil consumption may be higher.
- Avoid high-speed running of engine operation.
- Select better road to drive in de-loading and speed limit, and it is prohibited to drive under full-open throttle or rapid acceleration.
- Do not drive manual transmission cars at higher gears and low speed, and please shift gears in time.

Driving instructions in run-in period

Do not overload

During the run-in period, please do not reach the highest load quality, otherwise it will cause serious damage to the parts that do not reach good run-in.

- For 0 - 800km, do not reach 50% of the maximum load.
- For 800-2000km, do not reach 70% of the maximum load.

Do not drive long distances

During the run-in period, please do not drive long distances. If the engine continuously works too long, it will cause mechanical wear.

Avoid emergency braking

Minimize the number of emergency braking, otherwise the braking system will be impacted, while increasing the impact load of the chassis on the engine. Try to avoid emergency braking within the previous 300km of the run-in period.

Avoid towing the vehicle

If there is a problem with the vehicle, it should be transported by platform-type trailer. It may damage the vehicle due to towing of vehicle by ropes or cables.

Driving instructions in run-in period

For the first time maintenance

When the new vehicle mileage is within 3000km or within three months since purchasing (whichever comes first), the vehicle must be conducted first run-in period maintenance, to ensure that the vehicle is in good condition. The special service station of the Company can provide good maintenance and service.

Strictly implement operating procedures to maintain the normal operating temperature of the engine. Do not change the engine oil until it is maintained regularly.

Seriously do a good job of vehicle routine maintenance, regularly inspect and fasten external bolts and nuts, and pay attention to the sound and temperature changes of the assembly in the operation to adjust timely.

Safety inspection and precautions before driving

It is necessary to check the vehicle once before driving the vehicle, which will help drive safely and enjoy driving.

External inspection of vehicle

- Check whether the tire is damaged or whether the inflation pressure is appropriate and whether foreign particles are embedded in the tire tread. If necessary, take corrective measures.
- Check whether the tire nut is loose.
- Make sure all windows, rearview mirrors and combination lights of vehicle exterior are clean and uncovered. Remove the cream and snow accumulated on the vehicle
- After the vehicle is parked for a period, check whether there is fuel, oil, water or other liquid leakage and other abnormalities for the vehicle chassis. (Drip is a normal phenomenon After using air conditioning)
- Check whether the chassis is hung with foreign objects.
- Check whether the front combination lights, rear combination lights, high braking lights and other lights work properly.

Safety inspection and precautions before driving

Checking of engine cabinet

Check whether brake fluid, coolant, engine lubricating oil and transmission lubricating oil are adequate.

Internal checking of vehicle

- Check whether the vehicle tools are complete.
- When starting the engine, check whether the instrument and indicator light on the dashboard are normal.
- Check whether the safety belt buckle is normal, to ensure that the safety belt is not worn and scratched.

Precautions before driving

- Clean up objects scattered from the dashboard to prevent objects on the dashboard from obstructing the sight-line and hitting passengers during an emergency brake or collision, resulting in personal injury or damage to the vehicle.
- Adjust the seat, steering wheel, interior/exterior rearview mirror and so on.
- Make sure all passengers in the vehicle fasten safety belt.
- Close the vehicle doors and carbin doors and lock.
- Promptly remove when the vehicle body is piled with snow and leaves.
- After adjusting the steering wheel in the parked state, check whether it is in lock state.

- Do not place anything under the driver's foot or seat.
- Do not use a foot pad that is not suitable for the vehicle.
- Do not place anything on the co-driver seat or rear passenger seat.

When the vehicle is in emergency braking or emergency steering, items on the seat may fly out and touch the driver or damage the items, and these items will distract the driver and may easily cause an accident.

- The items in the trunk should be put on smooth.
- Do not place flammable objects such as fuel containers or fuel injection cans on the cars.
- Make sure the engine compartment cover is in lock state.
- Drunk driving is strictly prohibited.

Three-way catalytic converter

The three-way catalytic converter is an exhaust controller installed on the exhaust system. It is to reduce the emissions of exhaust pollutants.



Alarm!

- In engine operating conditions, flammable objects should be kept away from the hot gas discharged from the exhaust pipe.
- Do not run with idling or park the vehicle on the ground with flammable materials such as grass, leaves, paper or fabric.



Notice!

After large amount of unburned gas entering into the three-way catalytic converter, it will make the three-way catalytic converter overheat and cause fire. In order to prevent this situation or other damages, please comply with the following precautions:

- Unleaded gasoline is used only.
- Do not drive the vehicle when the fuel level is very low. Exhaustion of the fuel can cause engine misfire, to overload the three-way catalytic converter.
- Do not allow the engine to idle for long time.
- Avoid high-speed running of engine operation.
- Do not turn off the engine while the vehicle is driving.
- Maintain the engine in good operating condition, and the abnormal function for electrical system, electronic ignition system or fuel system of the engine will result in too high temperature of three-way catalytic converter. It will increase the risk of three-way catalytic converter failure to be in abnormal high temperature condition for long term.
- If the engine is difficult to start or often stalls, the vehicle shall be inspected immediately.
- In order to ensure the normal operation of the three-way catalytic converter and the entire emission control system, the cars must be inspected periodically according to Zotye Vehicle Maintenance Plan.



Safe driving in all road conditions and in the weather

Driving in bad road condition or off-road

Drive slowly in the side wind. So that it is easy to control the vehicle. Drive slowly on the road shoulders and maintain the correct angle as much as possible. Avoid driving on tall, sharp-edged objects or other road obstructions, otherwise it will cause serious damages such as tire burst. Slow down on bumpy or uneven road. Otherwise, the impact can severely damage the tire or hub.

Cleaning the vehicle or driving into a deep water area may wet the brakes, so it needs to check whether they are wet. On the premise of safety, gently depress the brake pedal, and the brake may be wet if you can not feel the normal braking force. To make it dry, gently depress the brake pedal to dry it until it resumes function after driving some distance at low speeds. If they are still unable to work safely, park the vehicle in a safe area and seek assistance from our special service station.

Before driving on off-road,

Check engine oil level, tire pressure, coolant level, and windshield cleaning fluid level.

Store luggage and other items in the trunk and fix to prevent slippage.

After driving on off-road

After off-road driving, remove sticks and other foreign objects that hang on the radiator grille, baseboard and wheels. while paying special attention to whether the foreign objects such as stones are embedded in the tire pattern.

- Clean the vehicle body and baseboard and check whether the vehicle is damaged.
- Cleaning stained window glass, headlight glass, rear lights and license plates.
- Brake test (especially after wading).



Alarm!

- It requires caution and predictability for driving in bad road condition or on off-road. Excessive speed and wrong driving may cause damage and injury to the vehicle.
- Make sure your speed matches the road, terrain, traffic conditions and weather conditions. It must be particularly slow when driving on an unknown terrain.



Safe driving in all road conditions and in the weather

Alarm!

- Please note that the wheel may slip seriously and cause the vehicle to drift tail in the event of slippery road, which may have the risk of sideslipping!
- Before leaving, make sure that fully disengage the parking brake and the parking brake light is off.
- Turn off the engine before leaving the vehicle.
- Do not put your foot on the brake pedal while driving. Otherwise, it will cause overheating of the brake panel and brake pads, unnecessary wear and poor fuel economy.
- When driving down long and steep slopes, it shall slow down and change gears down. Use engine-assisted braking, without neutral taxiing. Keep in mind that if you overuse the brakes, it will overheat and cause failure.
- Be careful and cautious when accelerating, up-shifting, downshifting or braking on smooth road. Sudden acceleration or braking may cause slippage or idling of the wheels.
- Do not continue normal operation when the brake is wet. If it is wet, the braking distance will be longer than normal when applying brakes and the vehicle may be biased to one side. In addition, the parking brake will not be able to firmly brake the vehicle.

Drive in the rain

When it rains, please slow down and drive with caution due to reduced visibility, window fogging and slippery road. When it is raining on the highway, it will form a layer of water film forms between the tire and the road, causing the steering and braking system not to work properly, so do not drive at high speed.

Alarm!

- When driving on wet and slippery road, emergency braking, acceleration and steering may lead to slippage and reduce vehicle controllability to cause accidents.
- Abrupt changes in engine speed, such as emergency braking or acceleration, may lead to slippage to cause accidents.
- After driving through the puddle, gently depress the brake pedal to dry brake pads, to ensure that the brake function is normal. If only one brake pad is damp and can not work properly, it will affect the steering control and cause accidents.



Safe driving in all road conditions and in the weather

Notice!

- It may cause the engine to stall and generate serious vehicle malfunction when driving on watery road . For example: Electrical components short circuit and diffuse water lead to engine damage. After running on the watery road to cause the vehicle inflow, be sure to check in our special service station in detail.
- In case of water, drive carefully! If the depth of the water is not clear, do not take risks.
- If the vehicle flame out when flooding, it is forbidden to try ignition again! Otherwise, the engine will be damaged seriously.

Driving in winter

Make sure the coolant really has antifreeze function. Only use coolant specified by the Company.

Check storage battery

Low temperatures will reduce the energy of any storage battery. Storage battery should be kept fully charged for winter start. Our special service station is happy to check your charge level.

Make sure the engine oil viscosity is suitable for winter driving.

In winter, a large amount of summer oil in the engine may cause difficulty in starting. If you are not sure which oil to use, please contact our special service station, and they will be happy to assist you.

Avoid door locks being frozen.

Spray some deice or glycerin into the door lock hole to prevent freezing. Use spray solution with antifreeze.

Safe driving in all road conditions and in the weather



Notice!

- Do not use water instead of anti-freeze!
- Do not use engine anti-freeze or other items for anti-freezing of door lock hole, as it will damage the vehicle's paint.

Do not use parking brake when parking brake may freeze

While parking, shift the transmission gear to either first gear or reverse gear and block the rear wheels. Do not use the parking brake, otherwise, the surroundings of parking brake will be frozen by snow or stagnant water, resulting in parking brake is difficult to relieve.

Avoid storing ice and snow under the fender

The ice and snow are stored under the fender, which can cause difficulties in steering. When driving in extreme cold weather, it shall always stop to check if there is ice and snow under the fender. If there is deposit of ice and snow, please clear before moving the vehicle.

Depending on different driving destinations, it is advisable to bring some necessary emergency supplies. The items need to be put in the vehicle: Tire skid chain, window scraper, sandbag or salt bag, signal flash device, shovel, jumper cable, etc.

General description

Regular professional maintenance can keep your vehicle's value. In addition, for the vehicle body corrosion damage and paint defects, Regular professional maintenance is also one of the prerequisites to obtain the right to warranty.

The necessary maintenance products can be purchased at the special service station of our company. Please pay attention to the use regulations on the external packaging of maintenance products.



Alarm!

- Maintenance products must be kept safely, especially not let the child contact, otherwise there will be the risk of poisoning.
- Maintenance materials may contain toxic and harmful substances, improper use can cause poisoning or damage to cars.
- Do not put maintenance material into food cans or bottles and other non original container, In order to avoid people not insiders are poisoned after eat it.
- Before the use of vehicle maintenance materials, be sure to carefully read and follow the instructions for use and safety precautions of maintenance materials on the external packaging.



Environmental protection instructions

Be sure to buy environmentally friendly vehicle maintenance materials. The remaining maintenance materials shall not be deemed to deal with household waste, must handle the remaining maintenance materials according to the relevant instructions on the packaging.

External maintenance of vehicle

Clean the vehicle

In accordance with the normal washing method to clean the vehicle. In the following cases, it will cause paint corrosion and corrosion of the vehicle body and parts, shall immediately clean the vehicle:

- When traveling in the coastal areas;
- When traveling on a road with antifreeze;
- When the cars is stuck with coal tar, resin, bird droppings and dead insects ;
- When traveling in an area containing a large amount of dust, coal ash, dust, iron filings or chemicals;
- When the vehicle was visibly soiled by dirt and mud.

Manual cleaning of Zotye cars

When the vehicle body cooling down, clean the vehicle in the shade.

1. Drain the loose dirt with a pipe. Washed away all mud on the bottom of the vehicle and the wheel sag, or road salt.
2. Use neutral cleaning agent to cleaning the vehicle, mix the washing agent shall be performed according to the manufacturer's instructions. Don't wipe it vigorously, remove dirt with washing agent and water
3. Must be thoroughly washed. Must be thoroughly washed all the parts with clean water.

4. In order to prevent the water traces, wipe the body dry with a clean soft cotton towel Don't wipe it vigorously, otherwise it will scratch the paint surface



Alarm!

The waste gas exhaust makes pipes very hot. When washing the vehicle, take care not to touch the exhaust pipe before cooling completely, otherwise it will cause burns.



Notice!

- When washing the vehicle, If you need to lift the front wiper arm from the windshield, lift the wiper arm at the driver's side first; On the contrary, the wiper will return to the original position, the wiper arm should restore to the first front passenger side. If you do not operate in the correct order, it will cause damage.
- If the nozzle clogging, do not clean with pin or other objects, otherwise it will damage the nozzle.

External maintenance of vehicle

Waxing

In order to keep the body clean and fresh, we suggest once a month of polishing and waxing on the vehicle body.

1. Be sure to clean the vehicle and keep the body dry before waxing,.
2. Use the high quality polishing agent and vehicle wax. If the polishing surface of the vehicle body has been severely weathered, the cars should be individual cleaned and polished before waxing. The chrome plated surface and the paint surface also need the polishing and waxing.
3. When the water not into a bead and with a piece of water film covering the surface of the vehicle body, you need to do re waxing.



Notice!

- Do not jam the nozzle when waxing. If the nozzle is clogging, do not clean up with pin or other objects, please contact with our company special maintenance service station.
- Don't make wax on the vehicle lamp surface, the wax will cause damage to the lens. If you hit the wax on the lamp surface accidentally, you should erased or washed away.

Internal maintenance of vehicle

Vinylite interior decorate

Use a neutral soap or detergent and water, you can easily clean the Vinylite interior decorate parts.

First use the vacuum cleaner to remove dust on the decorate parts, and then use the sponge or soft cloth to put the soap water on the Vinylite interior decorate, with the infiltration of a few minutes, after the dirt dissolving, clean the dirt and soapy water with a clean damp cloth. If you cannot wipe away all the dirt, then repeat the process above. Foam plastic cleaners sold on the market can also be used, and the effect is good.

Carpet

Use high quality foam cleaners to clean the carpets.

First use the vacuum sweeper to remove dust, as thoroughly as possible. There are a variety of foam cleanser for use: The aerosol spray foam cleanser need to mix with water to produce foam powder or liquid foam cleanser. To clean the carpet with a sponge or brush to dip the foam. In the way of draw overlapping circle to scrub, carpet should be kept dry. Please read the instructions of detergent and strictly abide.

Internal maintenance of vehicle

Notice!

Don't use water to clean the vehicle floor, when cleaning the vehicle outside does not let water flow to the floor. Water may enter the carpet above or the sound components below or other electrical components and cause breakdown, and may cause corrosion of the vehicle body.

Seat belt

Keep the safety belt clean

Please check the status of safety belt, use neutral soap wash the belt stains. Too much dirt on the safety belt will hinder the rollback of automatic safety belt. The safety belt must be completely dry after cleaned and before rollback.



Alarm!

- Remove the belt for clean is not allowed.
- Cleaning the safety belt with the chemical is not allowed, because such cleaner will destroy the belt fabric. The safety belt shall not allow contacting with corrosive liquids.
- If found that the safety belt fabric, safety belt connector, safety belt automatic rollback device or lock is damaged, you must come to the company special service station for replacement.

Notice!

- You can't use a dye or bleach to clean the safety belt, which will reduce the tension of safety belt.
- When the safety belt is dry, use it again

Instrument panel

Air conditioning control panel, sound panel, instrument panel, central console and switch. Wash with a soft cloth or sponge.

Use a clean soft cloth soaked in water or lukewarm water, then gently wipe the dust.

leather interior decoration

Leather decorative parts can be washed with neutral detergent for washing wool fabric Can be used soft cloth with 5% neutral detergent for washing wool fabric to removing dust, and then use a clean damp cloth to thoroughly clean the residual detergent.

After cleaning or any part of the leather gets wet, dry it with a clean soft cloth. Dry the leather in a cool and ventilated place.



Internal maintenance of vehicle



Alarm!

Do not splash liquid into the vehicle, otherwise it may cause electrical components breakdown or cause the fire.



Notice!

- Do not use organic matter (solvent, kerosene, alcohol, gasoline, etc.) or acid, alkali solution, such chemicals may cause the cleaning surface discoloration, spots or flaking, etc.
- When using the detergents or polishing agents, please confirm its composition does not contain the above substances.
- When use the liquid washing agent, do not splash to the vehicle inner surface, washing agent may contain the components, using the method mentioned previously, clean up the spilled washing agent quickly
- The dirt cannot be removed if use the neutral detergent. It can be cleaned with detergent without organic solution.
- Never use organic solution such as benzene, alcohol, gasoline, acid, alkali solution to wash the leather. These substances will discolor the leather.



Notice!

- Do not use nylon brush, artificial fiber cloth and others for cleaning leather, otherwise it will scratch the leather surface fine grains.
- Dirty leather decorations parts will breed mildew and avoid greasy dirt.
- Exposure to the sun for a long time can cause hardening and shrinkage of the leather surface. Therefore, the cars should be parked in the shade area, especially in summer.
- In hot summer, the temperature inside the vehicle is easy to rise, ethylene plastic, plastic or wax products are easily adhered to the leather in high temperature environment. Avoid placing these articles on the decorative parts.
- Washing leather decorative parts with improper method will make the leather fade or lose luster.

Corrosion prevention

The company adopts the advanced anti-corrosion technology, but the following factors may still lead to vehicle corrosion, the user please pay attention to:

The vehicle bottom parts which hard to touch are filled with road salt, dust and moisture.

The paint layer or bottom is scratched due to slight impact or by stone and gravel.

Maintenance is especially important if you live in a particular area or operate cars in a specific environment:

- Road saline alkaline or dust contains chemical substance on the road will accelerate the corrosion, and in the coastal areas or industrial pollution areas, the air also contains salt.
- High humidity will accelerate the corrosion, especially when the temperature is only above zero.
- Some vehicle parts are wet or moist for a long time, and even if the other parts remain dry, they also corrode.
- External high temperature will cause corrosion to parts that cannot be quickly dried due to lack of unobstructed ventilation.

The above items indicates that the cleanliness of the cars should be kept clean as possible, especially the bottom of the vehicle body and the damaged paint layer that needs repair as soon as possible and the importance of protective coating. To prevent the corrosion of Zotye cars, the following guidelines should be observed:

Of course, regular vehicle washing can keep the body clean, but in order to prevent the corrosion, the following items should be observed:

In winter, if driving on roads with saline alkaline, or live on the beach, wash the vehicle chassis at least once a month, in order to reduce the corrosion.

High pressure water or steam is very effective for cleaning the vehicle chassis and wheel housing. Because it is difficult to see all the mud and dirt in this part, we must pay special attention to it. Simply wetting the mud and debris without removing it would do more damage. Don't let dust clog the lower edge of the door, drain holes in the vehicle sill and the frame, otherwise the water in these parts will cause corrosion.

After winter, the vehicle chassis is need thoroughly cleaning. For more tips, please see "cleaning and waxing of Zotye Auto" Check the paint and decorate parts of the vehicle body. If there is any damage or crack in the paint surface, it should be repaired immediately to prevent corrosion. If there are fragments or cracks on the metal surface, the vehicle body should be repaired in the factory with relevant qualification certificate.



Corrosion prevention

Check the vehicle inside

Moisture and dust accumulate below the floor mat and caused corrosion. Always check the bottom of the floor mat to make sure the parts are dry. Must use appropriate containers for transport chemicals, detergents, chemical fertilizers, salt and other items and be more careful. If found there is spill or leak, you must immediately clean and dry it.

Fenders are used on wheels, such as on saline or gravel roads, and fenders can protect the cars. The bigger the fender size, the closer it is to the ground. We suggest that the components of the fenders and mounting areas should also be protected against corrosion. If recommended, the company's special service station is willing to provide the users with fenders and installation services.

Park the vehicle in a well-ventilated garage or place with a roof.

Don't park your vehicle in a damp, airtight garage.

If the vehicle wash in the garage, or driving through the water or snow road, it will cause the garage wet and resulting in corrosion. Even if the garage is very dry, if the ventilation is bad, the wet vehicle will be corroded

Decorative parts and decorative strips

Silver decorative parts and decorative strips are made of pure aluminum or chrome plated.

To get rid of stains on the decorative strips and attachments, you should use neutral pH curing agent or chromium curing agent. Paint polishing agent is also not suitable for curing decorative parts and decorative strips. In addition, the channel automatic cleaning equipment often use alkaline cleaner before the cars entering, after drying it can form black or white milk stains on the cars.

Plastic parts

Plastic parts can be cleaned by normal cleaning methods. If the stain is not easy to remove, you can also use a special solvent free plastic cleaning and curing agent. Paint curing agents should not be used to handle plastic parts.

Paint damage

A small area of paint damage, such as scorings, scratches or stone bumps, should be painted immediately, in order to avoid corrosion. For this case, our company's special service station is available for the vehicle paint pen or paint spray jar for sale. If corrosion has occurred, it must be completely removed.



Corrosion prevention

Window glass

Good vision can improve the safety of road traffic.

In order not to affect the function of the window glass wiper (generate vibration noise), it is not allowed to clean the window glass with insect repellent or wax in principle. Residual rubber, machine oil, grease or silica gel can be removed by glass cleaning agent or silica gel remover. Residual wax can only be removed with special detergent. Please refer to our special service station for more details about this.

The interior of the window glass should be cleaned regularly. Dry the window glass with a clean cloth or suede.



Alarm!

The front window glass shall not be treated with waterproof coating material. Under bad sight conditions, such as humidity and darkness, or the sun is in a very low position, there may be a strong glare, which will have an accident risk! In addition, the windshield wiper of the window may rattle.

Sealing strip

The door, front and rear covers, rubber seals for sliding windows and windows needs spray rubber curing agents regularly (e.g. silica gel spray), in order to maintain flexibility and prolong the service life. In addition, it can be prevented from the sealing strip being worn out in advance and the sealing is not strict, and the door is more convenient to be opened. Well maintained rubber seal strips will not freeze even in winter.

Wheel

In order to maintain the good appearance of wheels for a long time, regular maintenance is necessary. If the snow salt and brake debris are not washed regularly, the material will be eroded. Be sure to use non acid special cleaner for cleaning. Shall not exceed the effective time of cleaner. The acid rim cleaner will erodes the surface of the wheel bolts.

Paint polish or other abrasive articles shall not be used in the maintenance of wheels. If the paint protective layer has been damaged (damaged by stone strike), the damaged parts must be repaired immediately.



Alarm!

Attention must be paid to the cleanliness of the wheel. Moisture, ice freezing and snow salt melting will reduce the braking effect, resulting in the risk of accidents!



Maintenance instructions

Regular maintenance is very important!

Zhejiang Xiangtai Auto Sales Co., Ltd suggest according to the maintenance plan to carry out maintenance of the Zotyo cars. Regular maintenance helps:

- save fuel
- Lengthen the service life of vehicle.
- Enjoy driving fun
- Ensure driving safety
- Ensure driving stability
- accord with the scope of warranty
- Comply with relevant provisions of laws and regulations

These Zotyo cars has been given consider to the economic driving and maintenance in the design. Many of the maintenance items previously required are no longer needed, or no need to be implemented regularly. In order to ensure the optimal operation status of the cars, the maintenance should be carry out by plan.

But the important thing is that the maintenance plan does not cover all the requirements of the vehicle, and it needs regular maintenance between the initial maintenance phase and the second maintenance. Such as routine examination, supplement of oil, tire pressure check, etc.

Where to go for maintenance?

The most ideal is to the local special service station of our company for maintenance. Zhejiang Xiangtai Automobile Sales Co. Ltd. and the special service station technical staff have received good training. They obtain the latest maintenance information through professional and technical information, technical bulletin, maintenance tips and internal training programs, etc.

Our special service station has invested a lot of funds and equipped with a variety of special tools and maintenance equipment. It is help to provide better service for you at a lower cost.

How about self maintenance?

If you understand some mechanical knowledge and have some basic vehicle tools, many maintenance projects are very simple, it can be completed by the user himself. A brief explanation of how to maintain by the user himself is introduced in the chapter "DIY".

It should be noted that some maintenance requires special tools and special techniques. These projects should be carried out by qualified technicians. Even if the user himself is an experienced technician, it is suggested that vehicle should be maintained at the special service station of our company. They will record the maintenance of the vehicle, which is important when the warranty service is required.



Maintenance instructions

Zotyo maintenance plan

The interval time between scheduled maintenance can be determined by odometer readings or time intervals, Take the first as the standard (refer to the related contents in maintenance schedule).

Maintenance items should be carried out at the next interval time when maintenance items that have exceeded the interval time.

The maintenance intervals time of each project are listed in the maintenance plan. Rubber flexible pipes (for cooling and heating systems, brake systems and fuel systems) shall be inspected by qualified technical personnel in accordance with the Zotyo maintenance plan.

It should be noted that the rubber flexible pipes will be aging over time, causing expansion, abrasion or rupture. Any aging or damage of the flexible pipes must be replaced immediately

The following items should be inspected every day when driving through sandy land, mud land or accumulated water area, and maintenance or repair is necessary if necessary:

- Brake shoe plate and brake drum
- Brake pad and brakedisc
- Brake pipeline and hose
- Transmission oil
- Steering transmission mechanism and dust cover
- Air cleaner element



Notice!

It is suggested that all maintenance work should be completed regularly according to the maintenance schedule to our special service station.



Maintenance plan table (general conditions, and severe conditions)

Maintenance intervals		Odometer readings or months, take the first as standard.																						
		×1000km	3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	93	98	103	
Maintenance items		Months	3	9	15	21	27	33	39	45	51	57	63	69	75	81	87	93	99	105	111	117	123	
Engine																								
multi - wedge belt		J		J		J		J		G		J		J		J		G		J		J		
v belt		J		J		J		J		G		J		J		J		G		J		J		
ETC valve plate			Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Q	
Timing chain		Check once every 50 thousand kilometers, replaced every 100 thousand kilometers, check in advance under harsh conditions and change as the situation.																						
timing belt		Replace it every 100 thousand kilometers, check in advance under harsh conditions and change as the situation.																						
Ignition cable		J		J		J		J		J		J		J		J		J		J		J		
Spark plug	General using conditions	Replace it once every 20 thousand kilometers or 12 months																						
	Severe using conditions	Check in advance and change as condition																						
Crankcase ventilation system (PVC valve and vent flexible pipes)		J		J		J		J		J		J		J		J		J		J		J		
Cooling pipeline and interface		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Engine coolant level		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Engine coolant		Replace it once every 2 years or 40 thousand kilometers.																						
Air cleaner element	General conditions using	Q	Q: Every 5,000km or 6 months G: Every 10,000km or 12 months																					
	Severe conditions using	Q: Every 2,000 km or 3 months G: Every5,000km or 6 months																						
Engine oil	General conditions using	G	G: Every5,000km or 6 months																					
	Severe conditions using	G: Every 3, 000km or 3 months																						



Maintenance plan table (general conditions, and severe conditions)

maintenance intervals		Odometer readings or months, take the first as standard.																					
		×1000km	3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	93	98	103
Maintenance items		Months	3	9	15	21	27	33	39	45	51	57	63	69	75	81	87	93	99	105	111	117	123
Oil filter	General conditions using	G	G: Every5,000km or 6 months																				
	Severe conditions using	G: Every 3, 000km or 3 months																					
Storage battery		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	
Engine idling		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	
Throttlebody		Q: Every 10,000km																					
Fuel pipes and fittings		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	
Charcoal canister		J		J		J		J		J		J		J		J		J		J		J	
Gasoline filter element		G: Every 10,000km or 12 months																					
Transmission																							
Manual transmission oil	General conditions using	G	Replace it once every 1 year or 20,000 kilometers.																				
	Severe conditions using	Replace it once every 6 months or 10,000 kilometers																					
Automatic transmission oil		Check it once every 5000 kilometers or 6 months, DCT transmission every 60 thousand kilometers for replacement, AT transmission every 100,000 km for replacement.																					
Filter element of automatic transmission pressure filter		DCT transmission is changed every 60,000 km																					
Clutch function check and pedal travel distance and height		J		J		J		J		J		J		J		J		J		J		J	
Clutch system line and flexible pipes		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	
Electric appliance																							
Lighting system inside and outside of vehicle		J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	



Maintenance plan table (general conditions, and severe conditions)

Maintenance intervals Maintenance items	Odometer readings or months, take the first as standard.																					
	×1000km	3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	93	98	103
	Months	3	9	15	21	27	33	39	45	51	57	63	69	75	81	87	93	99	105	111	117	123
Cigar lighter and horn	J		J		J		J		J		J		J		J		J		J		J	
Windscreen wiper and washer	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Windshield cleaning solution	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Windshield rain blade	J	Check and replace based on the condition																				
Electric glass lifter and electric rearview mirror	J		J		J		J		J		J		J		J		J		J		J	
clearstory and multifunction steering wheel	J		J		J		J		J		J		J		J		J		J		J	
Sound navigation system and reversing radar	J		J		J		J		J		J		J		J		J		J		J	
Seat, airbag and safety belt	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Air conditioning and control button	J		J		J		J		J		J		J		J		J		J		J	
Air conditioner filter element	Q	Q: Every 6 months G: Every 12 months																				
chassis and bodies																						
Fasten fixing blots and nuts of chassis	J		J		J		J		J		J		J		J		J		J		J	
Brake fluid	J	Replace it once every 2 years or 40 thousand kilometers.																				
Brake pedal and parking brake	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Brake disc and friction plate	J		J		J		J		J		J		J		J		J		J		J	
Parking brake friction linings and brake drums	J		J		J		J		J		J		J		J		J		J		J	
Pipeline and hose of braking system	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
power-assisted steering	J	Replace it once every 2 years or 40 thousand kilometers.																				



Maintenance plan table (general conditions, and severe conditions)

Maintenance intervals	Odometer readings or months, take the first as standard.																					
	×1000km	3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	93	98	103
Maintenance items	Months	3	9	15	21	27	33	39	45	51	57	63	69	75	81	87	93	99	105	111	117	123
Pipeline and hose of steering system	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Steering wheel and pull rod	J		J		J		J		J		J		J		J		J		J		J	
Ball pin and dust cover	J		J		J		J		J		J		J		J		J		J		J	
Drive shaft and dust cover	J		J		J		J		J		J		J		J		J		J		J	
Front and rear suspension device	J		J		J		J		J		J		J		J		J		J		J	
Exhaust pipe and mounting accessories	J		J		J		J		J		J		J		J		J		J		J	
Tire and inflation pressure	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Wheel nut fastening and wheel bearing	J		J		J		J		J		J		J		J		J		J		J	
Four wheel alignment and tire transposition	Four wheel alignment and tire transposition in every 20 thousand kilometers																					
Door limiter and five door and one lid latch	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J	J
Vehicle body damage	J	Check once every year																				

Maintenance plan table (general conditions, and severe conditions)

Note: 1. In the table, the meaning of each symbol is:

J Indicate the "Check and adjust or replace if necessary"; G Indicate the "replacement"; Q Indicate the "Cleaning or washing" B Indicate the "Supplement". 2. "Harsh conditions of use" include the following items:

- Driving on the dusty area or cars are often exposed to salty air or saline water.
- Driving on uneven roads or roads with stagnant water or mountain road .
- Driving in cold areas
- In cold seasons, the engine runs at idling for a long time or often travels in short distance.
- Frequent use of brakes and multi-purpose emergency braking are required
- Traction vehicle
- Hire a vehicle as a taxi or drive yourself
- At temperatures above 32°C, The time spent driving a vehicle exceeds 50% of the total driving time in a congested urban area.
- At high temperatures above 30°C, At high speed above 120km/h, the time spent driving a vehicle exceeds 50% of the total driving time
- Overload driving



Fuel oil

Fuel type

This vehicle must use 92# and above good quality unleaded gasoline

Fuel tank capacity

60L (liter)



Alarm!

Before starting the engine, the ground underneath the vehicle must be inspected. If a fuel leak is found on the ground, it indicates that the fuel system has been damaged and needs to be repaired. In this case, don't start the engine



Notice!

- Do not use unqualified fuel, otherwise it will damage the engine.
- Do not use leaded gasoline, otherwise it will lead to three unique catalytic converter function failure; And the emission control system will not work properly, at the same time, it will increase maintenance costs.

Safety issues at gas stations

Pay attention to the following items when add gasoline at gas stations:

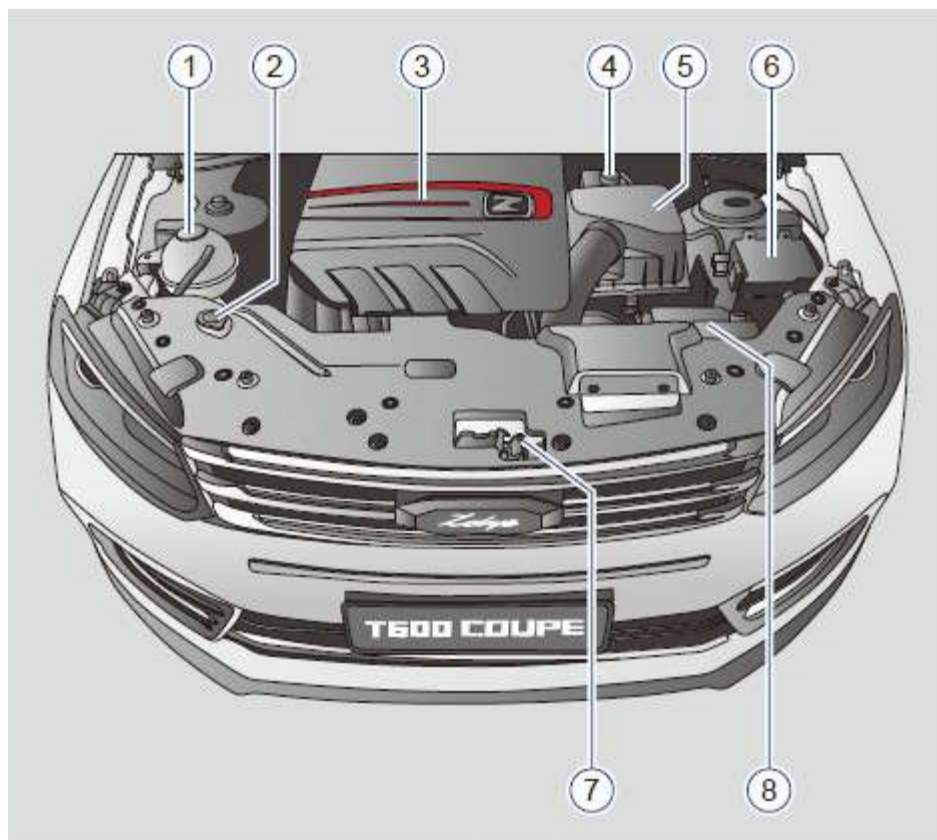
- Shut down the engine;
- Do not smoke or use open flames;
- Don't use mobile phones;
- Don't fill the fuel too much to prevent the fuel from spilling out.



Alarm!

Gasoline is flammable and easy to explode in a room where air is not circulation.

Overview of engine compartment



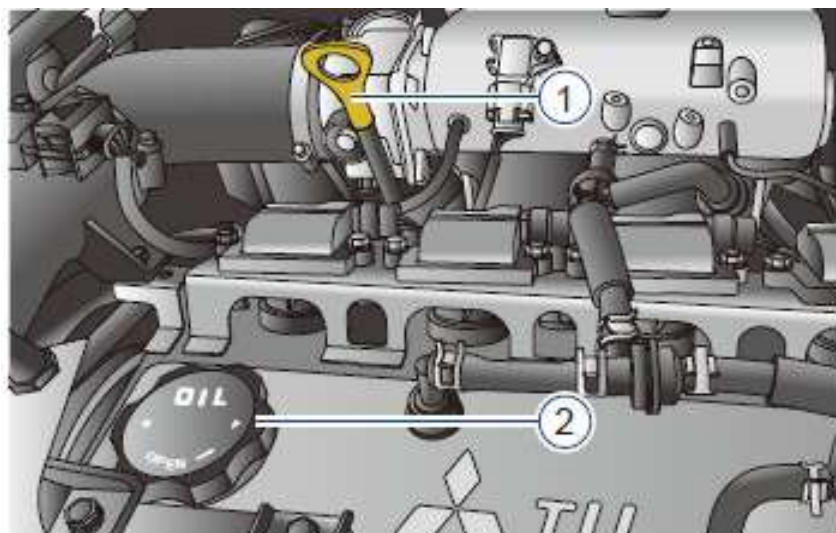
1. Coolant kettle
2. Washing liquid kettle
3. Engine trim cover
4. Brake fluid kettle
5. Air filter
6. Forehold electrical box
7. Forehold cover lock
8. Storage battery



Descriptions

The engine room is based on the actual cars.

Engine oil



1. Engine oil gauge
2. Engine oil filler cap

Engine oil has five major functions which is cooling, lubricating, cleaning, sealing and rust prevention, and it plays a vital role in ensuring the normal work of the engine. Therefore, it is necessary to check the status of the oil regularly, add or replace the oil properly when necessary.

Notice!

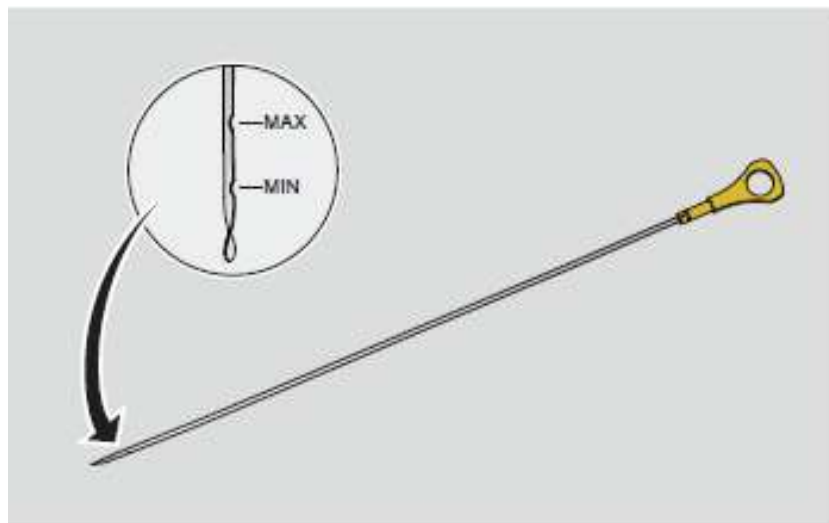
- Change engine oil according to running in and routine maintenance. The service life of the engine can be prolonged only by the regulation of maintenance and oil change.
- Different grades of engine oil cannot be mixed.



Environmental protection instructions

Please comply with the relevant environmental protection law to dispose of waste engine oil.

Engine oil



Check the engine oil level

In the engine cooling condition, turn off the engine and use the oil dipstick to check the oil level.

1. To get accurate readings, the cars should be parked on the flat road, shut down the engine and wait for more than 30 minutes, let the oil return to the oil cover bottom.
2. Pull out the engine oil dipstick, wipe it with paper towel or cloth and insert it back to the end.
3. Pull out the engine oil dipstick again and check the liquid level to ensure that the liquid level is between the “MIN” and “MAX” (notch) on the engine oil dipstick.

4. If the engine oil level is below the “MIN” mark should be rotated counterclockwise under the engine oil filler cap, add engine oil to the engine oil level maintained between the engine oil rule on the marking “MIN” and “MAX”.
5. Wait a few minutes and check the oil level of the engine again, add the proper amount of engine oil if needed.
6. After checking the oil, make sure the engine oil dipstick is inserted and the oil filler cap is closed.

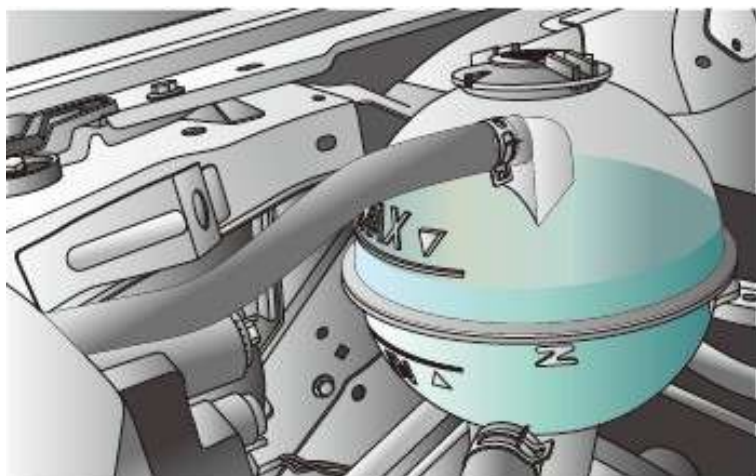
Notice!

The oil consumption varies as the driving style and operating condition changes. Therefore, the engine oil level must be checked regularly, preferably at each time of refueling or before long trips.

Descriptions

Configurations of different engine models have oil dipsticks of different appearances, please refer to real vehicle. See the relevant content above to check the oil level.

Coolant



In cold engine condition, check the coolant expansion tank level, the normal coolant level is between the "MAX" line and the "MIN" line. If the level is below the "MIN" line, add coolant.

The level of coolant in the tank changes as the temperature of the engine changes. However, if the level is below the "MIN" line or the "MIN" line, add coolant to bring the fluid level between the "MAX" line and the "MIN" line.

Add coolant

The coolant pressure cap of the expansion tank must not be opened before the cooling system, including the pressure cap of the expansion tank and the upper hose of the radiator, have cooled completely.

Suggestions: Be operated by qualified technician.

1. Slowly turn the pressure cap counterclockwise, if you hear a hiss, wait until the sound disappears and then open the cap. Hiss means there is still pressure inside. Continue turning the pressure cap and remove it.
2. Add proper amount of coolant into the coolant expansion pot, bring the level between the "MAX" and "MIN" tick marks.
3. With the cap of the expansion pot open, start the engine and let it run until the upper hose of the radiator heats up.
4. If the level of the coolant in the expansion tank drops, add coolant of a proper amount until it reaches the level between the "MAX" and "MIN" tick marks on the coolant expansion pot.
5. Reinstall the cap. Make sure the pressure cap is hand tight and fully seated.



Coolant



Alarm!

- When the engine and coolant are hot, do not remove the radiator cap, so as to avoid burns.
- After filling the coolant, be sure the pressure cap is properly tightened. If the pressure cap is not tightened, it may drain the coolant and damage the engine.
- For coolant inspection and supplementary recommendation, go to the company's special service stations for operations by the service technicians.
- If the coolant level drops significantly over a short period of time, there may be a leak in the cooling system. Please check at our special service stations as soon as possible.

Brake fluid

Braking system of the vehicle

Braking systems are a series of specialized devices on a vehicle that make use of the external environment (mainly the pavement) to impose a force on certain parts of the vehicle (mainly the wheels), so as to impose some degree of forced brake on the vehicle.

Function of braking system:

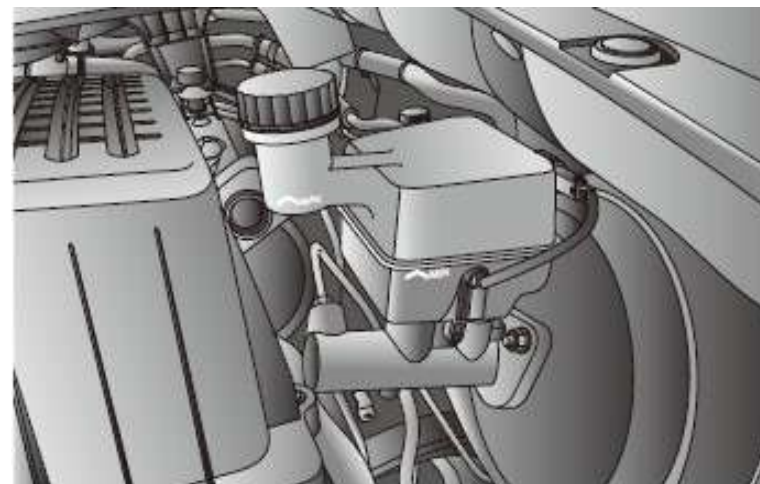
- Force the driving vehicles to decelerate or even stop;
- Park vehicles that have stopped in a stable condition under various road conditions, including on the ramp;
- Keep the vehicle moving downhill at stable speed. The vehicle's braking systems mainly include:

Disc brake. Installed and applied to the hub of the four wheels, controlled by the brake pedal, used for decelerating during driving, temporary parking. The disc brake is the most frequently used braking component on this vehicle.

Brake fluid

Alarm!

- For the same vehicles, the braking distance of the vehicles with ABS-ESC may be slightly larger than that of the vehicles without ABS / ESC when braking on some soft pavement (e.g. gravel, snow-covered pavement). If your vehicle has ABS / ESC, please keep enough braking distance under the above road conditions.
- In any case, ABS / ESC can only provide to the vehicle a good direction control when braking, and no compensation for bad road conditions and poor driving skills. Driving properly and controlling driving speed are the best guarantees of safety. When the ABS / ESC fails, the braking system and braking systems of ordinary vehicles have the same function. The ABS / ESC system may not work properly when using tires different from those specified in this manual. When changing the tires, use the specified models.
- If both the braking system warning light and the "ABS" warning light are on at the same time, stop the vehicle in a safe place and contact our special service stations as soon as possible.



Check brake fluid level in the tank. This level must always be between the marks of "MIN" and "MAX". When the vehicle is running, it is normal that the brake fluid level decreases slightly due to the wear of the brake lining and its automatic adjustment.

However, if the level drops significantly within a short period of time or falls below the mark "MIN", there may be a braking system leakage. If the brake fluid level is too low, the brake indicator will also light up. In this case, you should immediately check the braking system at our special service station. As the braking



Brake fluid

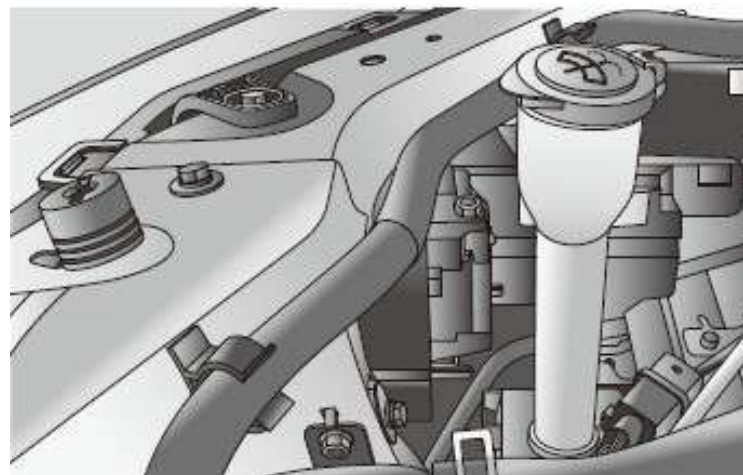
system is an important system that is related to safety, so please often check all the relevant parts of the brakes to ensure that they are in normal working range. Replace the brake fluid by professionals.

Brake fluid is hygroscopic. Therefore, it absorbs moisture from the surrounding air when in use. However, the high moisture of the brake fluid will cause continuous corrosion damage inside the braking system. In addition, the boiling point of the brake fluid will be much lower. Under certain conditions, the braking effect will be affected due to this. Therefore, the brake fluid must be replaced. When brake fluid has to be replaced, refer to your maintenance manual. We recommend that you replace the brake fluid at the time when having routine maintenance at Zotye Auto special service stations. Because the stations have necessary special tools and accessories, and the staff have the necessary expertise and are responsible for the recycling and handling of waste brake fluid.

Alarm!

- Please only use airtight original container to properly store the waste brake fluid, and prevent children from touching, otherwise there will be danger of poisoning!
- Excessively obsolete waste brake fluid creates bubbles in the brake devices during forced braking. These bubbles will affect the braking effect, thus endanger the driving safety, there is the danger of traffic accidents!

Washing liquid



Cleaning fluid is for the cleaning of the front and rear windshield and headlight.

If any spray does not work, the spray tank may have been empty. Please check the level in the scrubber assembly.

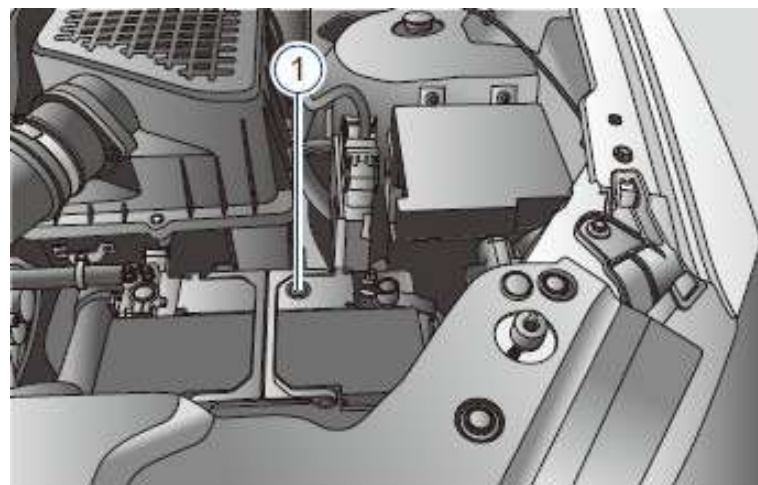
Please use special cleaning solution for filling. However, in cold areas, when the temperature is below zero, you should use antifreeze cleaning solution. This product is sold in our company's special service stations and most of the vehicle parts outlets. Determine the mixing ratio with water according to the manufacturer's instructions.

Washing liquid

! Notice!

Do not use engine antifreeze or other substitutes as this can damage the painted surface of the vehicle.

Storage battery



1、Viewport

This vehicle is equipped with a maintenance-free storage battery, there is no need to add storage battery electrolyte.

Storage battery

Overview of storage battery

All work on the storage battery needs professional knowledge!

This storage battery is maintenance-free. Check during routine maintenance.

For storage batteries that have been used for more than 5 years, it is recommended to replace them.

When some airbags trigger, the storage battery will be disconnected from the vehicle electrical system for safety reasons.

Disconnect storage battery

Disconnecting the storage battery will disable several functions of the vehicle, such as an electric window lifter. The system can remember these functions only after reconnecting to the storage battery. Therefore, to avoid this situation, the storage battery should only be disconnected from the vehicle electrical system under exceptional circumstances.

Long-term parking of vehicles

If you park this vehicle for days or weeks, you can turn the electrical operating power down or off. This will reduce power consumption and keep the boot performance over a longer period of time.

Driving in winter

Storage battery load is larger in the cold seasons. In addition, the starting power of the storage battery decreases when the outside temperature is low.

Precautions of storage battery

When charging, the storage battery will produce hydrogen. So before charging:

1. If you still want to charge the storage battery installed in the vehicle, be sure to disconnect the negative cable.
2. When connecting and disconnecting the storage battery charging cable, make sure that the power switch on the charger is off.

Replace the storage battery

The new storage battery must be the same specification as the old storage battery.



Storage battery

Notice!

- Never charge the storage battery while the engine is running, and be sure to turn off all powered equipment.
- The storage battery holder and the storage battery terminal must always be properly seated.

Check the conditions of the storage battery

Precautions when checking the storage battery:

- The storage battery will produce flammable and explosive hydrogen, be careful not to produce sparks when tools contact with the storage battery contact.
- Do not smoke or light a match near the storage battery. The electrolyte has toxic and corrosive sulfuric acid.
- Avoid splashing electrolyte on eyes, skin or clothing.
- Do not drink the electrolyte.
- Safety goggles should be worn when working near storage batteries.
- Do not allow children to be close to the storage battery.

Emergency measures

- If the electrolyte splashes into your eyes, rinse immediately with water and seek medical advice immediately. If possible, apply a sponge or cloth soaked in plain water to your injured area while you are on the way to the hospital.
- If the electrolyte splashes on the skin, thoroughly clean the skin. If you have a burning sensation, seek medical advice immediately.
- If the electrolyte splashes on your clothes, it may infiltrate and touch the skin. So, take off your clothes immediately. If necessary, follow the steps above.
- If you accidentally drink the electrolyte, you should drink plenty of water or milk. And take magnesium-containing milk, chopped raw eggs or vegetable oil. Then seek emergency treatment immediately.



Storage battery



Notice!

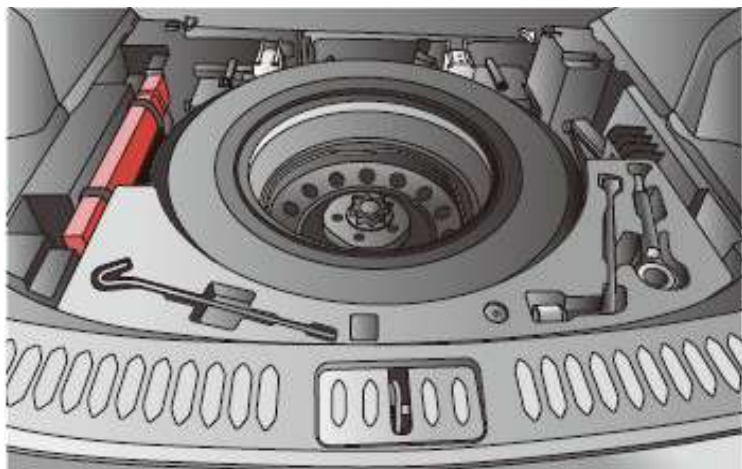
- Before maintenance, make sure the engine and all accessories are off.
- When checking the storage battery, first remove the grounding cable from the negative terminal (mark "-") and install it at last.
- When using metal tools, be careful not to cause a short circuit.
- When cleaning, be careful not to allow other liquids to enter the storage battery.

Check the following items:

1. If the storage battery column head has been corroded, use a mixture of warm water and baking soda to clean it. Apply grease to the external of the terminals to prevent further corrosion.
2. If the terminal fittings are loose, tighten their compression nuts, but do not make them too tight.
3. Tighten the clamp to the extent that keeps the storage battery in place. Over-tightening may damage the storage battery case.



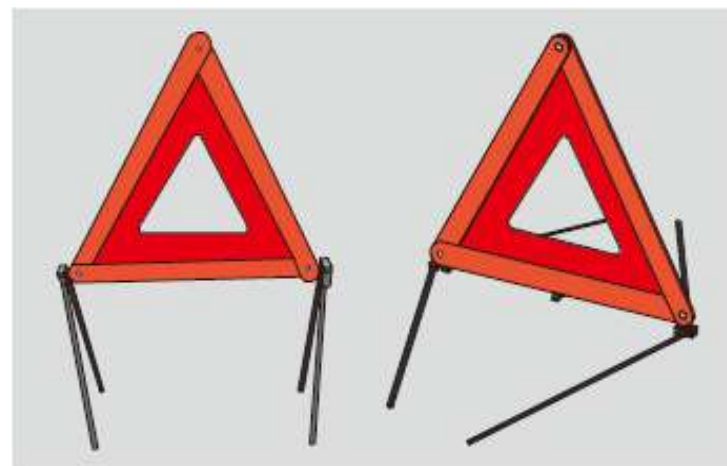
Car tools



The truck tool is located under the spare tire cover in the trunk as shown above. Truck tools include: Warning triangle, jack, jack-crank, wheel nut wrench, trailer ring.

The jack is in the spare tire pool under the spare tire cover in the trunk. Turn the jack anticlockwise to tighten it and then remove it. After use, please fully retract the jack arm, place it in place, rotate clockwise and fix the jack.

Warning triangle



When the vehicle cannot move due to faults during driving, you can open the warning triangle bracket, erect, or place it in the proper position behind the vehicle (different locations under different road conditions) to remind the vehicles driving in the same direction to pay attention and avoid.



Descriptions

If you place the warning triangle, place it on the general road, 50 meters away (in the coming direction of vehicles) from the vehicle; If you must park the vehicle on the highway, place it 150 meters behind the vehicle.

Replace the bulb

If any light bulb does not light up, go to our company's special service stations for inspection, replacement as soon as possible. The specifications of the light bulbs are as follows:

Bulb	Model	Power (W)
Front position light	LED	0.42
Low beam	HB3	60
High beam	HB3	60
Front steering light	LED	3.5
Daily driving light	LED	6.3
Rear position light	LED	1.5
Rear steering light	LED	8.1
Brake lamp	LED	15.7
High-level brake lamp	LED	3
Rear fog light	P21W	21



Replace wiper blade



The front windshield wiper blade should be regularly checked for wear or breakage. If you want to change the front windshield wiper, please follow the steps below:

1. Press the button above the front windshield wiper blade, as shown above.
2. Lift the wiper arm slightly and remove the wiper blade by moving the wiper blade in the opposite direction of the wiper arm.
3. The installation sequence of new wiper blade is opposite to the dismantle sequence.

Alarm!

When the windshield wiper blade is damaged, worn or unable to fully clean the windshield glass, the window wiper blade must be replaced. Avoid affecting vision.

Notice!

- Damaged or dirty windshield wipers may scratch the windshield.
- Solvent-based cleaners, hard sponges, and other sharp-edged items can damage the wiper blade's graphite coating.
- Do not clean the window glass with fuel, nail polish remover, paint thinner or similar liquid.



Check the wheels

Precautions of using tire

- When driving with new tires, be especially careful in the first 500 km.
- When passing the road traffic stones or similar sections, only allow to pass slowly with the wheels and the road traffic stones at right angles as far as possible.
- Check whether the vehicle tires are damaged regularly (stabs, nicks, rips, and pits). Remove foreign objects on the tread pattern.
- Replace damaged wheels or tires as soon as possible.
- Prevent the tire from oil, grease and fuel.
- If the valve dust cap is missing, match new ones promptly.
- Make notes before disassembling the wheels so that the original roll direction can be kept when re-installing.
- Keep the wheels or tires that have been disassembled in a cool, dry, and dark place as far as possible.

New tire

The new tires have not formed the best adhesion at the beginning of use, and therefore you should drive at a moderate speed and with corresponding cautious in the first 500 km to “running in”. This can also extend the life of the tires.

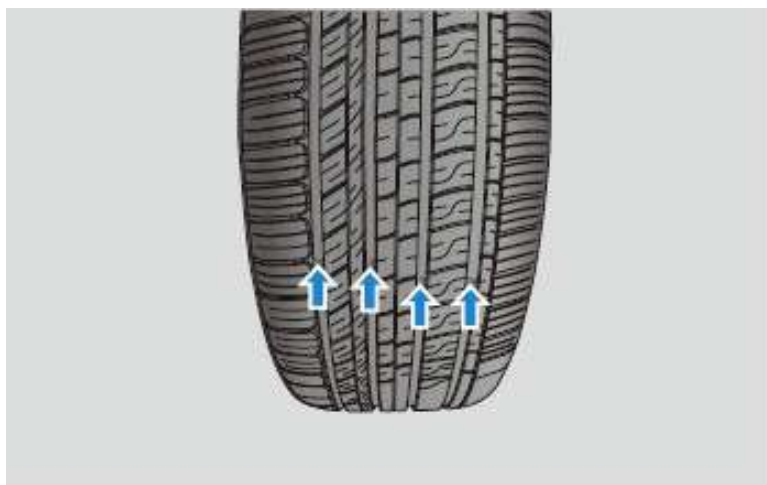
Due to the structural characteristics and the design of the tread, different new tires (depending on models and manufacturers) may have different pattern depths.

Concealed damage

Damages to tires and hubs are often concealed. Abnormal vibration or deviation of the vehicle while driving may indicate tire damages. If you suspect the tire is damaged, please be sure to immediately reduce the speed, stop and check the tire damages. If you cannot see the damage from the outside, please slow down accordingly and drive to the nearest special service station of our company for inspection.



Check the wheels



Check tires

In each groove of the tire, there are some protrusions spaced apart, that are, the tire wear marks, as shown in the figure above.

If a tire is worn, and the wear marks of the protrusions of the tire appear on the surface of the tire, then the tire should be replaced.

Any tire that has been in use for over six years must be inspected by a qualified technician even if it has not been significantly damaged.

Tires naturally age over time even if they are unused or infrequently used. The same also applies to spare tires and tires stored for later use. If there are bulges (tire bulges) caused by internal damages, then the tire need to be replaced.

If the tire often leaks or cannot be properly repaired due to the size and location of the incision or other injuries, then the tire should be replaced. If you cannot figure out the cause, please contact our special service stations.

If air leakage occurs while driving, do not continue driving. Even driving a short distance can cause irreparable damage to the tires.

Check the wheels

Notice!

A tire pressure that is too low may cause:

- Excessive wear
- Uneven wear
- Difficulties in controlling the vehicle.
- Tire leakage caused by overheating.
- Poor bead sealing
- Wheel deformation or even tire off
- Driving in bad traffic conditions may increase possibility of tire damage.

Excessive high tire pressure may cause:

- Difficulties in controlling the vehicle.
- Excessive wear
- Uneven wear

Check the pressure of the changed tires.

Adjust the tire pressure to 230 kPa. If the pressure is lower, slowly drive the vehicle to a nearby service station for inflation, to bring the pressure to the correct value.

Do not forget to re-install the tire valve cap as dust and moisture will enter the valve core and may cause air leaks. If the valve cover is missing, replace it with a new one as soon as possible.

After replacing the wheels, use a torque wrench to tighten the wheel nut to the specified value as soon as possible. Keep tools such as jacks properly. Tires with air leakage shall be checked and repaired by technicians.

Alarm!

Before driving, make sure all tools are fixed in their stowed position to reduce the risk of serious personal injury in the event of a collision or emergent stop.

Change the wheels and install the spare wheels.

Replace the tire

When replacing the tires, use tires of the same size and structure as the original tires, with tire load equal to or greater than the original tires. And, all brands and tread patterns must be same.

Using tires of any other size or type may significantly affect driving, driving performance, speedometer / odometer calibrations, ground clearance, and gaps between the body of a vehicle and tires or snow chains.

Zhejiang Xiangtai Automobile Sales Co., Ltd. recommends replacing four tires by once or replacing at least two front tires or two rear tires at a time.

After replacing the tires, keep the balance of the wheels. Wheel imbalance can affect vehicle operation and tire life. Even in normal use, the wheels will lose their balance, therefore, occasional inspections must be made. When replacing a tubeless tire, a new valve should be replaced at the same time.




Alarm!

Please observe the following instructions, otherwise it may cause an accident and cause serious injury.

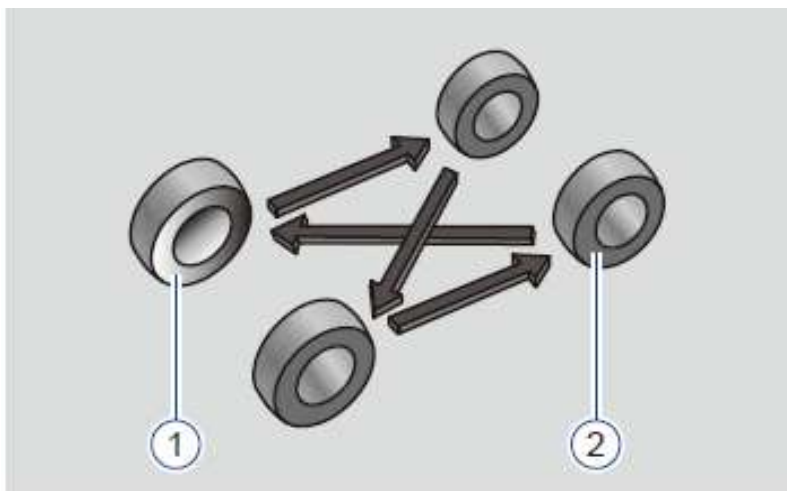
- Do not mix radial tires, bias belted tires or diagonal ply tires on a vehicle, otherwise operational dangers may be caused and led the vehicle to be out of control.
- Don't use the tire not in the recommended size by the manufacturer, otherwise it may cause manipulation danger leading to vehicle out of control.
- Don't use the tires in different models, with different tread patterns or tread wear degree, otherwise it will cause the vehicle out of control.



Notice!

- For the vehicle provided with tire pressure monitoring device, it is needed to re-match the tire pressure monitoring device after replacing the wheel.
- Tire production date is the number in the oval mark next to "DOT" on tire (such as , that is, the tire is produced on the 28th week of 2014).

Change the wheels and install the spare wheels.



Tire rotation

1. Front tire
2. Rear tire

In order to ensure the same wear degree and the extended service life of tires, Zhejiang Xiangtai Auto Sales Co. Ltd. recommends position change of tires should be carried out in accordance with the 10000 km. The pressure of the front and rear tires should be readjusted after tire position is changed by the regulation.

However, the most appropriate time for changing tire position can be varied according to the driver's driving habits at ordinary times and road surface conditions.

During the tire rotation, please check whether there is any uneven abrasion or damage. Abnormal tire wear can be caused in case of the wrong tire pressure, inappropriate wheel alignment, wheels out of balance or sharp braking.

Tire specification: 235/60R18, 235/65R17 unloaded tire pressure 230kPa full-load tire pressure 250kPa

Spare tire specification: 235/60R18, 235/65R17 pressure 230kPa

Notice!

The vehicle with tire pressure monitoring function need to be made a matching setting in Zotye Auto special service station after the tire position change, otherwise the tire pressure monitoring displays a different tire detail from the real vehicle.

Change the wheels and install the spare wheels.

Install snow tire and tire chain

When to use snow tires or tire chain. It is suggested use snow tires or tire chain when driving in snow or icy road. In wet or dry pavement, ordinary tires can provide a greater traction than snow tires.

The choice of snow tires

If you need to use snow tires, choose the same tire as the original tire installed in size, structure, and the bearing capacity. And, all brands and tread patterns must be same for the vehicle model of four-wheel drive.

Don't use others than the above tires. Don't tires equipped with anti-skid studs before the investigation on whether the local regulation has limits.

Installation of snow tire

It is needed to install snow tires on all wheels. If the snow tire only is installed in the front wheel, it will cause too much difference of road holding between front and rear tires, resulting in vehicle out of control. The tire removed should be stored in a cool, dry place.

Make a mark for the sense of rotation of the tire. Be sure to install tires in the same direction when replacing them.

The choice of tire chain

Use the tire chain in right size. The rules on use of tire chain will vary depending on the type of region or road, therefore before installing tire chain, please refer to local regulations.

The installation of the tire chain

The tire chain is installed on the front tire as tight as possible. Don't install a tire chain on the rear tires.

Tighten tire chain again after 0.5-1.0 km driving. Observe the instructions from the manufacturer of tire chains before installing the chain on the tires.

If you use the wheel cover, tire chain may scrape wheel cover, therefore, remove the wheel cover before installing the chain must.



Change the wheels and install the spare wheels.



Alarm!

- Don't drive the vehicle when snow tire pressure is improper. Observe maximum permissible speed and the legal speed limit of the snow tires.
- Driving speed should not exceed 50 km/h (km/h) or speed limit specified by the manufacturer of tire chains (the lower should prevail).
- Must navigate with caution, avoid obstacles, pot hole and a sharp turn, which all might cause the vehicle moves up and down.
- When using the tire chain, avoid a sharp turn or locking of wheel braking, which all will affect the vehicle operation.
- Must be careful when driving vehicles equipped with a tire chain. Slow down before entering a turn, to avoid the vehicle out of control, otherwise an accident may occur.



Notice!

If the tire chain doesn't match with the tire, it might damage the vehicle body.

If the tire deflates,

1. Gradually reduce the speed of the vehicle, and keep straight driving. Drive the vehicle off the road to the safety place away from the traffic main artery with care. Avoid stopping in the middle of the road.
2. The vehicle should be parked on the flat, hard ground.
3. Stop the engine and open the hazard warning lights.
4. Pull up electronic park brake.
5. All personnel inside the vehicle must get off to the curbside and avoid the traffic.
6. When replacing a deflated tire, please read the following instructions in detail.



Notice!

Don't drive the vehicle with a deflated tire, even for a short distance, it can lead that tire and wheel are damaged to the point beyond repair.

Change the wheels and install the spare wheels.

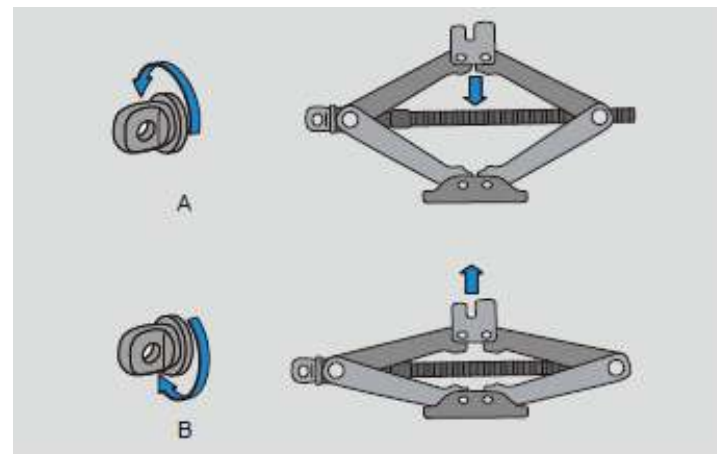
Needed tools

The needed tools and the spare tire are stored in the trunk. In an emergency situation where the tire needs to be replaced, you must be familiar with the use methods of the jack and various tools and their location.



Alarm!

- Only one spare tire can be used at the same time, and maximum speed should be not more than 80 km/h;
- Spare tire can only be used in a temporary emergency, please replace it with the normal wheel as soon as possible.



Jack

If you want to remove the jack, just turn jack connector by hand.

Remove: Turn the connector along the direction A, until the jack is loose.

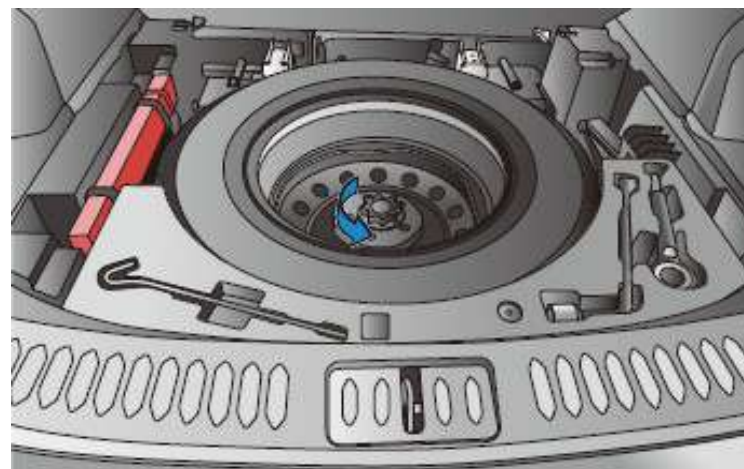
Storage: Turn the connector along the direction B, until the jack is fixed. To prevent the collision or emergency braking is flung to the front.

Change the wheels and install the spare wheels.



Alarm!

- Comply with the instructions on the use of the jack.
- Don't make any part of the body under the vehicle when it is jacked with a jack. Otherwise, it may cause serious damage.
- Don't start or run the engine when the vehicle is jacked with a jack.
- Park the vehicle in a flat, solid ground, tighten parking brake handle, and set the transmission in reverse gear (manual). When necessary, a stop must be placed under the wheel in the diagonal direction of the wheel replaced.
- Ensure that the jack is located at the right jacking point. Jacking vehicle with a jack not in the correct position, will cause damage to vehicle or lead to vehicle falling from jack, causing serious personnel damage.
- No people should be under the vehicle when the vehicle is jacked only with a jack.
- Only when replacing wheels, the vehicle can be jacked with a jack.
- Don't jack the vehicle when somebody is in the vehicle.
- No matter should be placed on or under the jack when jacking the vehicle.
- Jack the vehicle to the height at which the tire just can be removed and replaced



Take out the spare tire.

Open the back door, open the spare tire cover, and take out the tool box.

Turn the compression screw counterclockwise, and remove the bolts, then the spare tire can be taken out.

When storing spare tire, put it back in situ, tighten the screw, to prevent from being thrown forward in the event of collision or emergency braking.

Change the wheels and install the spare wheels.



Replace the deflated tire.

1. A stop must be placed under the wheel in the diagonal direction of the deflated tire to prevent the wheel rolling when jacking the vehicle with a jack.

When stopping the wheel, the stop should be in the front of the front wheel or the back of the rear wheel.



2. Before jacking vehicle, be sure to unscrew the all wheel nuts counterclockwise with a wheel nut wrench. Don't remove the nut, just unscrew to about one and a half circle.

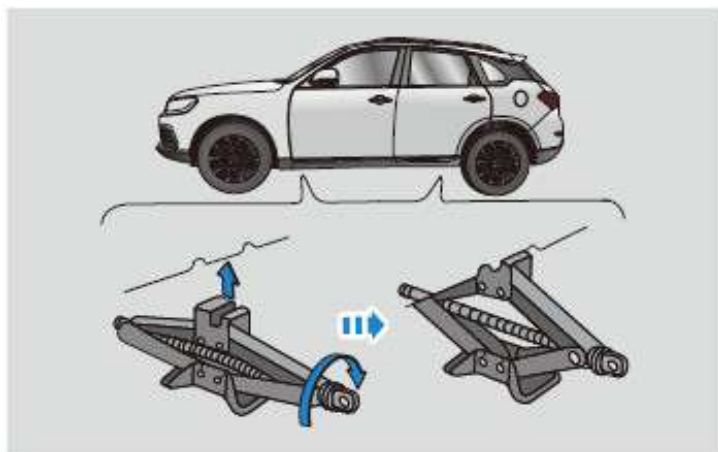


Alarm!

The wheel nut wrench must be installed in place when conducting the remove, to avoid sliding out and causing nut damage or personal injury.



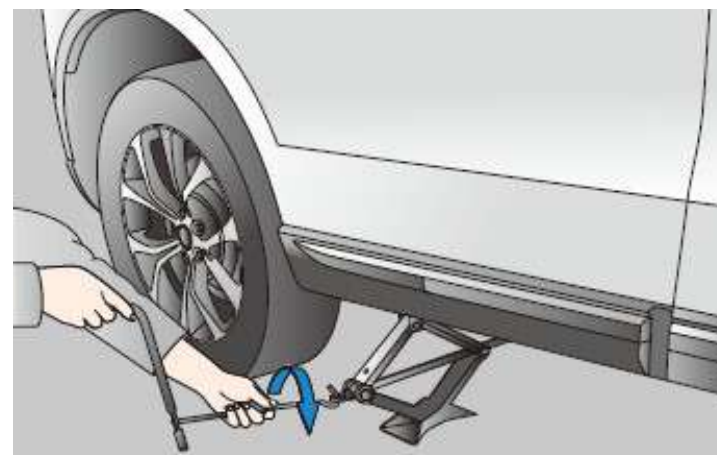
Change the wheels and install the spare wheels.



3. Put the jack on the right jacking point, as shown in the figure above.

Notice!

Ensure that the jack is placed on a flat and solid ground.



4. Assemble the wheel nut wrench and jack crank together, as shown in the figure above. Turn the crank clockwise to make jack rise slowly. Make sure that jack slot is firmly seated on the edge under the vehicle body. Jack the vehicle to make the tire slightly off the ground.

Alarm!

No stay under the vehicle only supported by a jack. It is very dangerous to stay under a vehicle jacked with a jack. If the vehicle slides from the jack, you may be seriously injured or even dead.

Change the wheels and install the spare wheels.

5. Remove all wheel nuts, remove the fault tire.
6. Remove the rust or dirt of wheel bolts, installation surface and spare wheel before installing the spare wheel.
7. The wheel retaining nut should be reinstalled when installing the spare tire. Use a wheel wrench to turn each nut clockwise, until the wheel is fixed in the wheel hub.
8. Rotate counterclockwise jack handle to lower the vehicle.



Alarm!

The rust or dirt of wheel or wheel fittings can make wheel nuts loose after used for a certain period. The wheel may fall off, leading to an accident. Please remove the rust or dirt of wheel or wheel fittings when replacing the wheels. In case of an emergency, a cloth or paper towel can be used to clean; But, if necessary, a scraper or steel wire brush must be used to remove all rust or dirt.



Alarm!

It is prohibited to use motor oil or grease on the bolt or nut, or the nut may become loose, leading to wheel falling off and causing traffic accident.



Change the wheels and install the spare wheels.



9. Tighten wheel nuts with a wheel wrench in the cross order of numbers shown in the above figure.

10. Lower the jack to the bottom, and take out the jack from the vehicle.

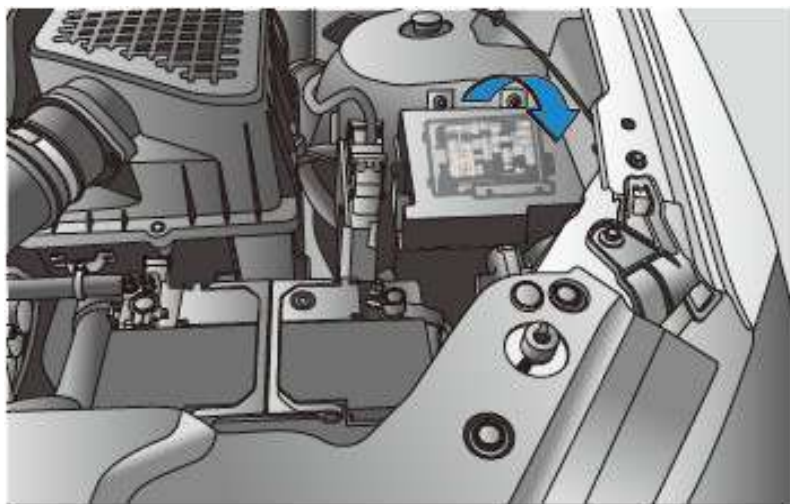
Inspect after tire replacement.

- Check the pressure of the replaced tires.
- Adjust the tire pressure to the specified value. If the pressure is lower than the regulated value, slowly drive the vehicle to a nearby service station for inflation, to bring the pressure to the correct pressure value.
- Install the valve stem cover, or dust and moisture will enter into the valve stem, which may cause leakage leading to an accident. If valve stem cover is missing, you must install the valve stem cover as soon as possible.
- Place all tools, triangle warning signs and the flat tire properly.

Alarm!

- Before driving, confirm all of the tools, triangle warning signs and deflated tires are stored at a fixed location, avoiding personnel injury in case of the emergency braking or collision.
- Spare tire should be used only for short time, and no use at a high-speed driving.

Replace fuse



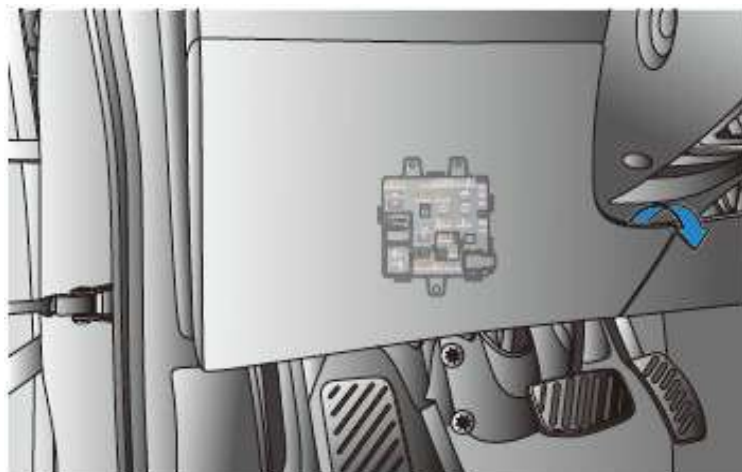
Replace the fuse in the front electrical box.

1. Open the engine compartment cover;
2. Hold the separation button, loosen the fuse box cover, lift it upward to remove the fuse box cover.
3. Clamp related fuse with the small head end of safety clip, to pull out the fuse outward. If the fuse is blown out (metal chip melts), replace it with a new fuse in the same specification (color and identity should be the same);
4. Cover the fuse box lid onto the fuse box until you hear a locking sound.

Notice!

- Please be sure to cover the fuse box lid well after the fuse is checked.
- Any electrical component will be damaged if it contacts with the fluid. Please be sure to cover the lids of electrical components well.

Replace fuse



Alarm!

After the fuse of instrument is checked well, be sure to install the lower guard plate well, avoiding that driver operation of the brake pedal is affected due to lower guard plate falling off during the driving, which can lead to an accident.

Replace the instrument fuse

1. Turn off the power and the corresponding electrical appliances.
2. Carefully pull the lower guard plate on the left side of dashboard, then you can see the instrument electrical box.
3. Pull out related fuses with safety clip. If the fuse is blown out (metal chip melts), replace it with a new fuse in the same specification (color and identity should be the same).
4. After replacing the fuse, be sure to install the lower guard plate well.

Auto traction

General description

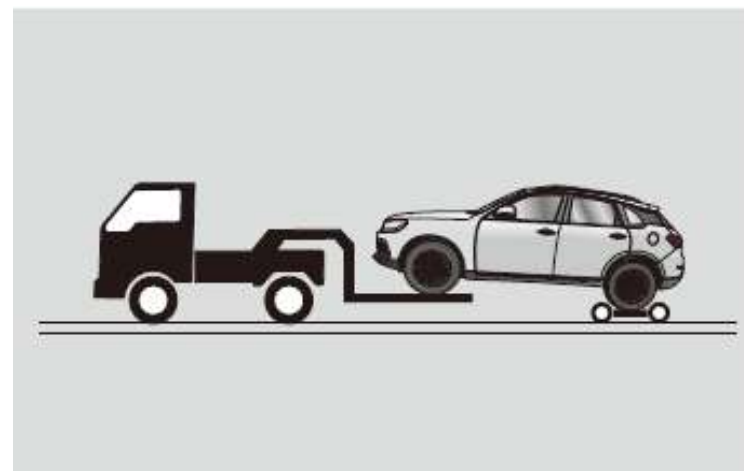
If the vehicle can not run because of a fault during running and needs to be drawn, you are recommended to handle it by entrusting the special service station or professional rescue company. Only if you cannot find the company's special service station or rescue company, you can follow the "self-traction" instructions in this section to draw the vehicles. When drawing a vehicle, use proper traction equipment to ensure that the vehicle is not damaged. If the traction method is incorrect, the vehicle will be damaged. To avoid vehicle damage, please ensure compliance with the following precautions. If necessary, the trailer driver should read the contents of this page.

- When the vehicle cannot be started.
- The engine runs normally, but the vehicle cannot move.
- When the steering system fails.
- The vehicle makes an abnormal sound.
- When the vehicle is badly damaged.



Notice!

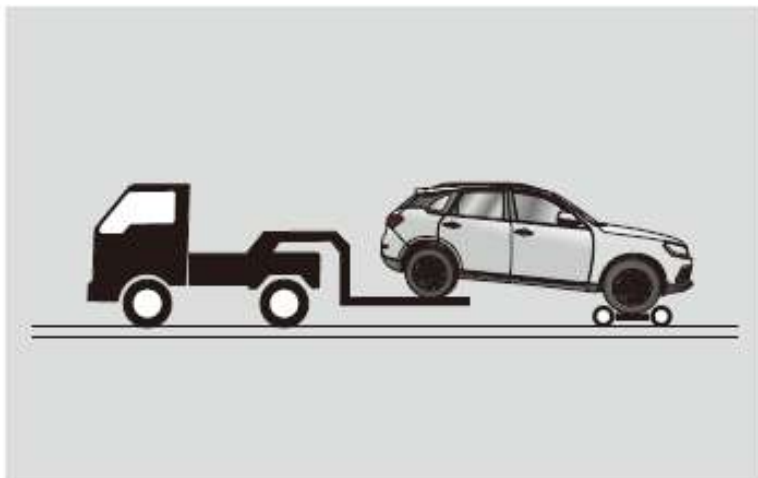
Any traction must comply with state/provincial and local regulations. The wheels and axles contacting with the ground must be in good condition. If it has been damaged, use a converter dolly.



Mode of traction

Use wheel lifted trailer to draw. When using a wheel lifted trailer to draw from the front of the vehicle, it is recommended to use a converter dolly under the rear wheels. If the converter dolly is not used, the parking brake should be relieved.

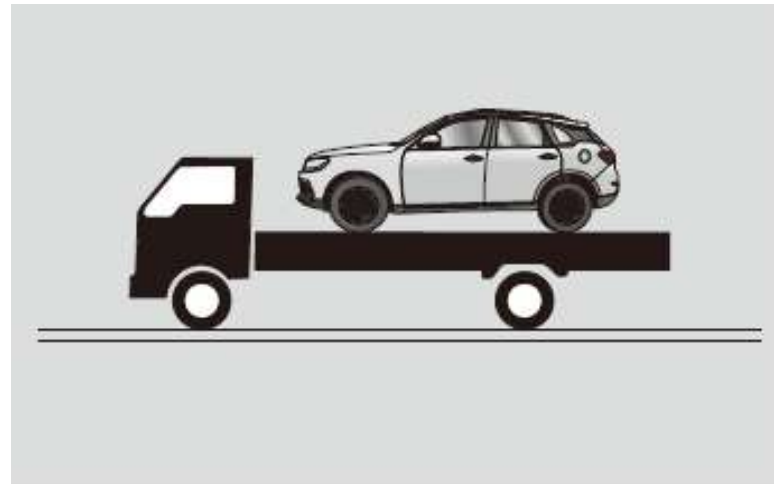
Auto traction



When using a wheel lifted trailer to draw from the rear of the vehicle, it is recommended to use a converter dolly under the front wheels. If the converter dolly is not used, the power supply should be placed in the "ON" gear and the shift control handle should be placed in the neutral.

Notice!

When lifting up the vehicle, make it sure that there is an enough space away from the ground or it will be damaged in the process of traction.



Make use of platform-type trailer.

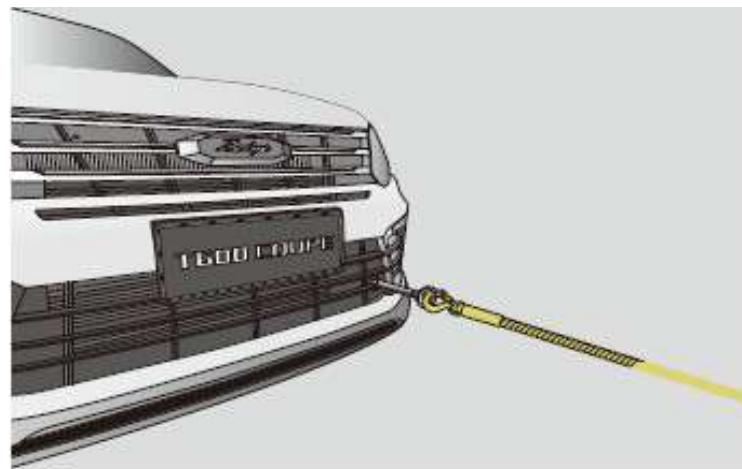


Auto traction



Alarm!

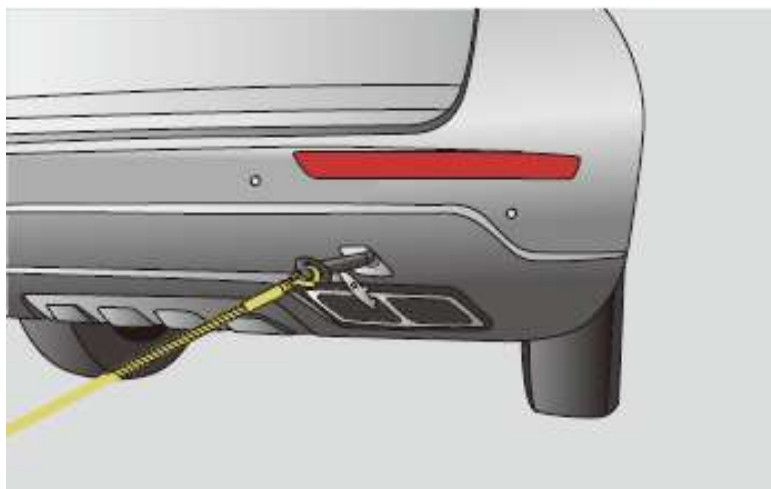
- The vehicle must be fixedly mounted on the platform-type trailer after it is pulled to it.
- When it switched to OFF, you can pull the vehicle from behind or it's failed for the steering latching mechanism keeping the front wheel straightforward to lead to uncontrolled traction.
- It's necessary to slowly start up, steadily shift, and move at a low speed with steering appropriately in the process of pulling the vehicle to refrain from emergency braking.
- It's necessary to turn on the hazard warning light and position light for both the pulling vehicle and the pulled vehicle in the process of pulling.



Emergency traction

If failed to find a lifting-type or platform-type trailer under an emergency, one can carry out temporary traction by cable or chain tightened to the trailer ring in front or behind the vehicle. This only applies to low-speed traction in a short distance on hard pavement road.

Auto traction



Rear trailer ring.



Alarm!

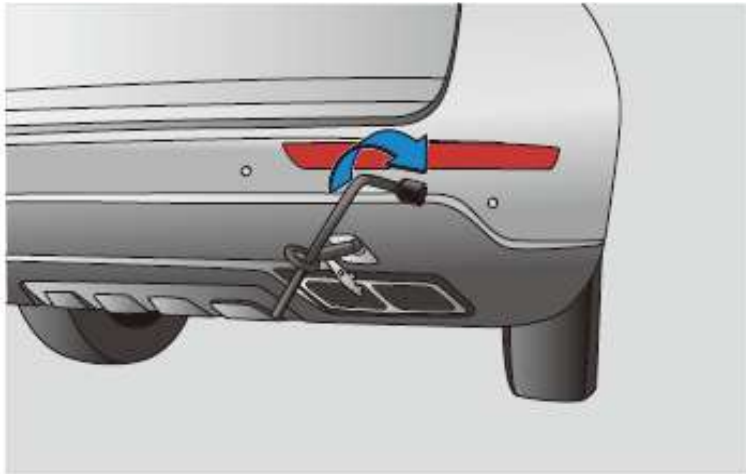
Only when wheels, driving system, axle, steering wheel and brake are in a good state can emergency traction be adopted to pull the vehicle.



Traction/pulling of the vehicle by trailer ring

1. The cover for trailer ring mounting hole on the rear bumper is pried by a flat head screwdriver.

Auto traction



2. The trailer ring is inserted into the hole, revolved clockwise till it's slightly tightened.
3. The trailer ring is tightened by a wheel nut wrench.

Precautions for using trailer ring

- Inspection of whether there is a fracture or damage in trailer ring before traction.
- Never tract vertically or from the side but keeping straightly all the time to avoid damaging the trailer ring.
- Never jerk the trailer ring but with a steady and balanced force.



Tire is blown



When a flat tire is occurred during the driving, the vehicle should be stopped in accordance with following dangerous warnings. Replacement of the tire if necessary.


preventive measures on flat tire

- Frequent inspection of tires to eliminate the hazard of flat tire.
- Stones or foreign substances in the grooves of tread pattern should be picked out regularly in case of the deformation of tyre crown. It is needed to be inspected whether there is a scrape, stab or excessive wear in the tire.
- All the tires are accessible in their service life, if exceeded or severely worn, it is needed for a replacement in time.

Alarm!

- When you are aware that it's about to have a flat tire during the movement of the vehicle, you should tightly hold the steering wheel to control it to make the vehicle drive straightly along the original direction.
- Never suddenly stamp on the brake pedal forcibly or it will cause the vehicle to lose balance and further be uncontrolled or overturned.
- To lower the speed by a braking force of the motor while reducing the gear via the transmission.
- The brake pedal should be slightly stamped to lower the speed till the vehicle is stopped at roadside.
- Hazard warning light should be turned on in time and a warning triangle be put up behind the vehicle to avoid collision with cars behind.

There is an overheat for the vehicle

Overheat of a vehicle actually means that the temperature of the cooling liquid of motor is too high, and it shows an overheat in motor if the water temperature alarm light  flashes on the combination instrument, then following measures should be taken:

1. Driving the vehicle to a safe place and turning on the hazard warning light. The shift level of the transmission should be changed to N neutral position and electric parking switch be pulled up. Turning off the air conditioner if it's on work.
2. The cooling liquid or steam ejecting from the radiator or expansion tank will cause the motor to flameout. Opening the hood of the motor till the steam clears off. If no cooling liquid or steam ejects, the motor should be kept in a working state and making sure the cooling fan is in an operation state. If the cooling fan is out of work, one should switch the power to OFF
3. Inspecting by eyes whether the transmission belt (belt for water pump) is broke or slacked. Inspecting whether there is an obvious leakage of cooling liquid in the radiator, hose and below the vehicle. It's normal to have water dropping from the air conditioner that is on working.
4. If the transmission belt of the motor breaks or leaks with cooling liquid, the motor must be closed immediately and please contact with the special service station of our company.

5. If there is no obvious problem and leakage in the transmission belt of the motor, inspection of the expansion tank containing cooling liquid. Moderate amount of cooling liquid should be injected in the expansion tank if it is run out while the motor is under work.

6. When the cooling liquid of motor is reduced to a normal temperature, the level of cooling liquid in the expansion tank is checked again. It shows there is a leakage in the system if the cooling liquid largely runs off. Please immediately contact the special service station of our company for inspection and maintenance.



- To keep the hood of motor in a close state to refrain people from injury till no steam is generated, since the effluent steam or cooling liquid shows a high pressure.
- The cover of radiator cannot be removed as the engine and radiator are under high temperature. Ejected high-temperature steam and liquid will cause severe hurt to people.
- Hands and clothes should be isolated from the fan and transmission belt of engine that is under work.

The engine is flameout while driving

If the engine is flameout suddenly while driving, one should keep calm and take following measures:

1. Driving the vehicle away from the lane straightly while slowing down the speed till it is stopped at a safe place.
2. Turning on the hazard warning lights.
3. Restart the engine.



Notice!

If the engine doesn't work, power assisting device for brake and steering gear will also not work, which explains why it takes more efforts than normal to control the steering and stamp on the brake.

The engine cannot be started

If the engine still failed to start up though correct procedure is followed, considering the following reasons:

1. Slow operation speed of motor, fade indoor light and front combination lamps, and horn without sound or with low sound. Reason of these troubles lies in the following:
 - The electric quantity of storage battery is drained.
 - Positive and negative electrode terminals of the storage battery are loose or corroded.
2. The starter works normally but the engine cannot be started. Reason of these troubles lies in the following:
 - Insufficient fuel in the fuel tank
 - Repeating starting up the engine will lead to a phenomenon of "flooding oil in the cylinder", it's better to try to thoroughly stamp on the accelerator pedal and then start the engine.
 - If the energy system fails to work, please contact with the special service station of our company.

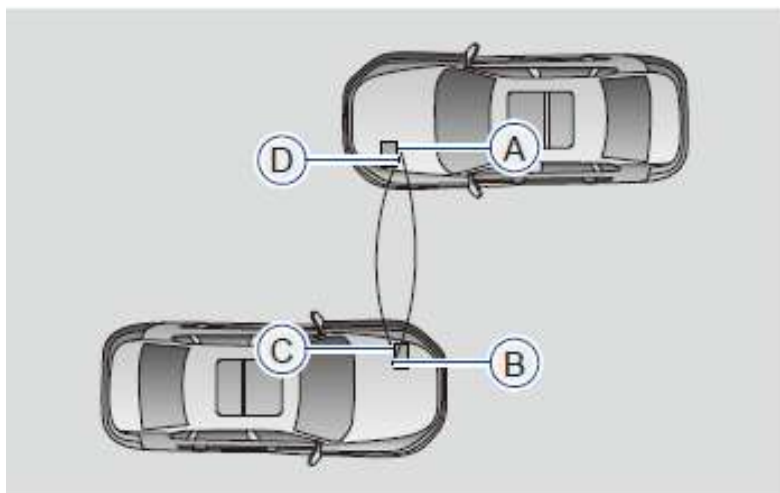


Notice!

- It's required for the energy to be started within no more than 10s or the engine/ the wire harness is too hot to be damaged.
- Starting up the engine by means of trailer or cart is forbidden.



Jump starting

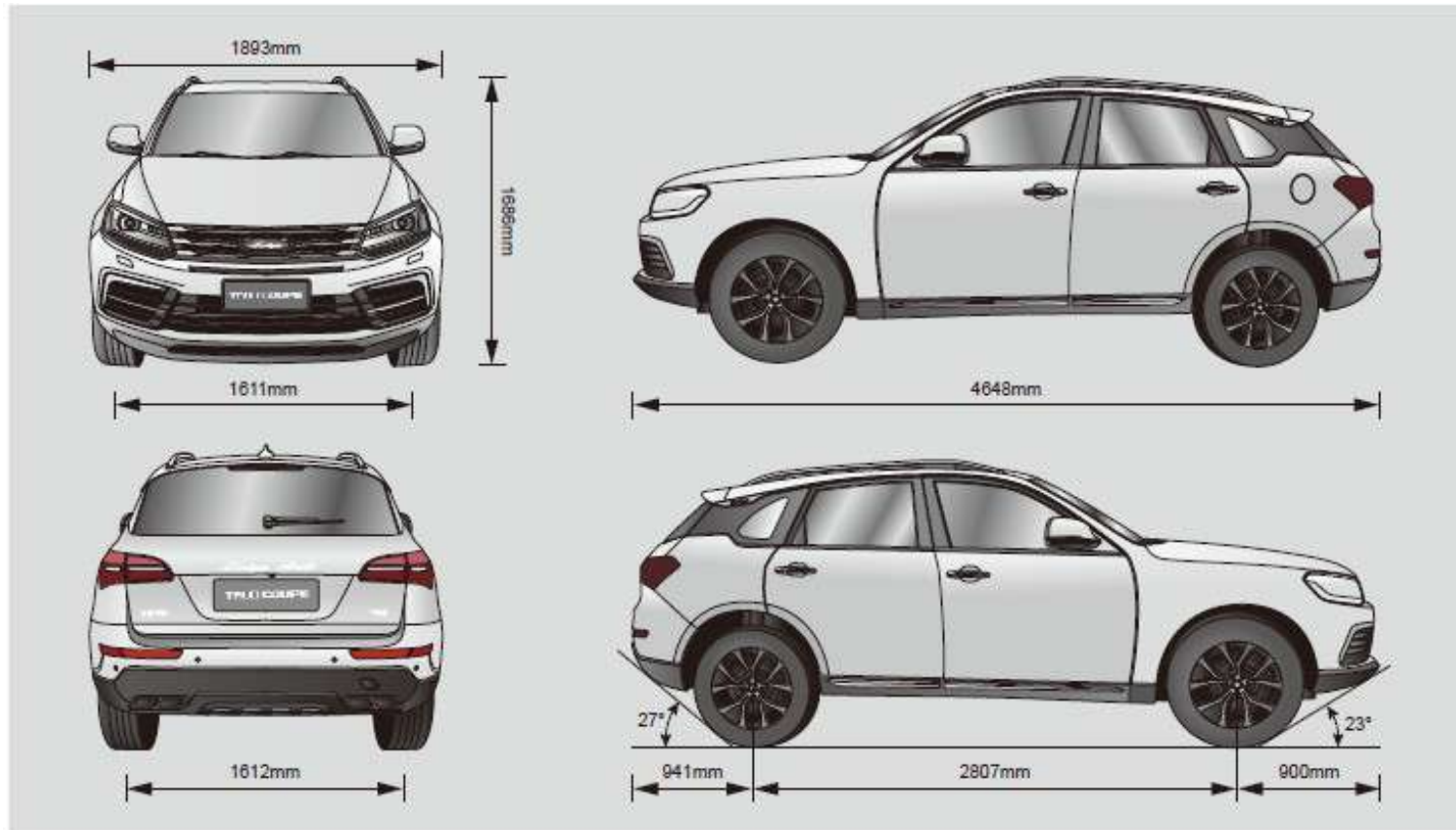


If the storage battery is run out or lacks of power to start up the vehicle, you can turn to another vehicle and jumper cable for a help. Make sure that the following procedures are followed for safety.

1. Switching the one-key start switch to OFF to turn off all the lights and electric accessory except hazard warning light (if necessary) in two cars.
2. One terminal of red positive electrode (+) cable is connected to the binding post (A) of the positive electrode of the vehicle that is started by jumper cable.
3. No another terminal of red positive electrode (+) cable should never be in contact with metals. but to be connected to the positive electrode (+) of storage battery(B).
4. One terminal of black negative electrode (-) of cable is connected to the negative electrode (-) of the charged storage battery (C). Before moving to the next step, the other terminal is forbidden to be in contact with any substances. The other terminal of negative electrode (-) is forbidden to be in contact with electroless storage battery but to be connected to the unpainted metal of engine for the electroless storage battery vehicle.
5. The other terminal of negative electrode (-) is connected with the unpainted metal (D) of energy with electroless storage battery without in the vicinity of operating members of engine and storage battery.
6. Starting up the engine of another vehicle.. Slightly increasing speed of the engine and keeping it for 5 minutes to charge the vehicle.
7. Keeping the speed of engine of another vehicle while starting up your own vehicle.
8. After starting up the engine, disassemble of the jumper cable In an order totally reversed from the assembling, meanwhile please come to check the vehicle at the special service station of our company as soon as possible.



Dimensions of vehicles

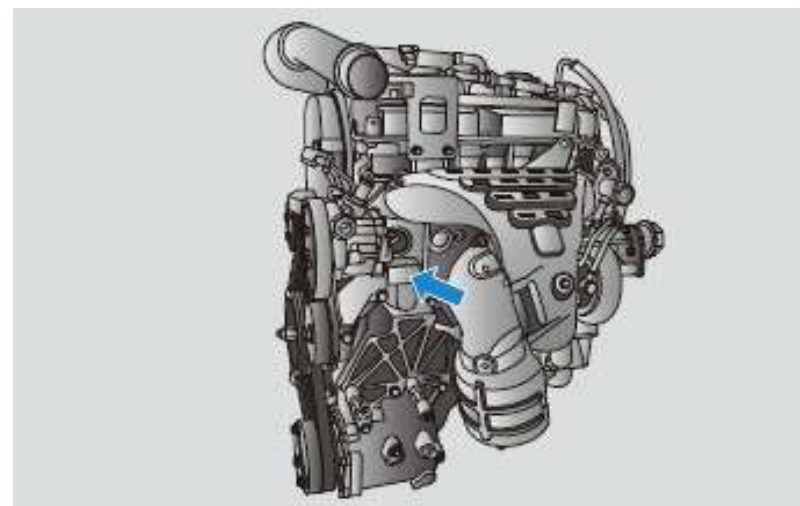


Engine No.



* nNumber of engine TN4G18T

Number, TN4G18T (Tongling 1.8T) of energy is engraved on the engine body at upper edge of no.4 cylinder at the inlet side, shown as the above picture.



* Number of engine 4G63T

Number, 4G63T (Mitsubishi 2.0T) of energy is engraved on the engine body shown as the above picture.

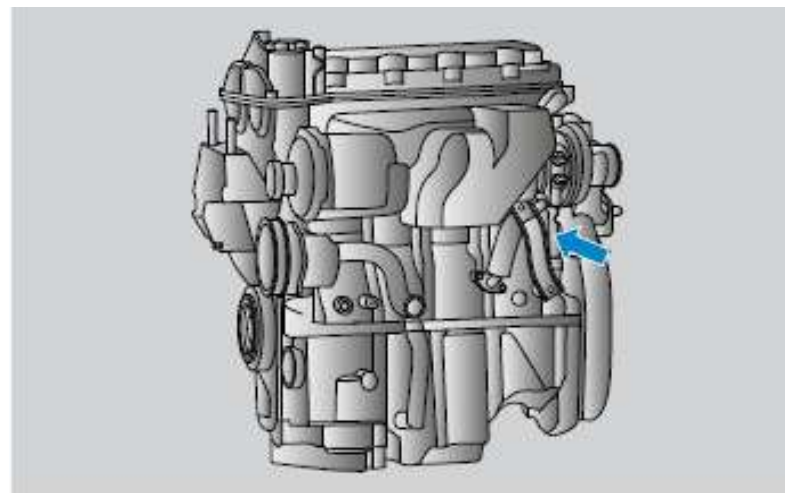


Engine No.



* **Number of engine TNN4G15T**

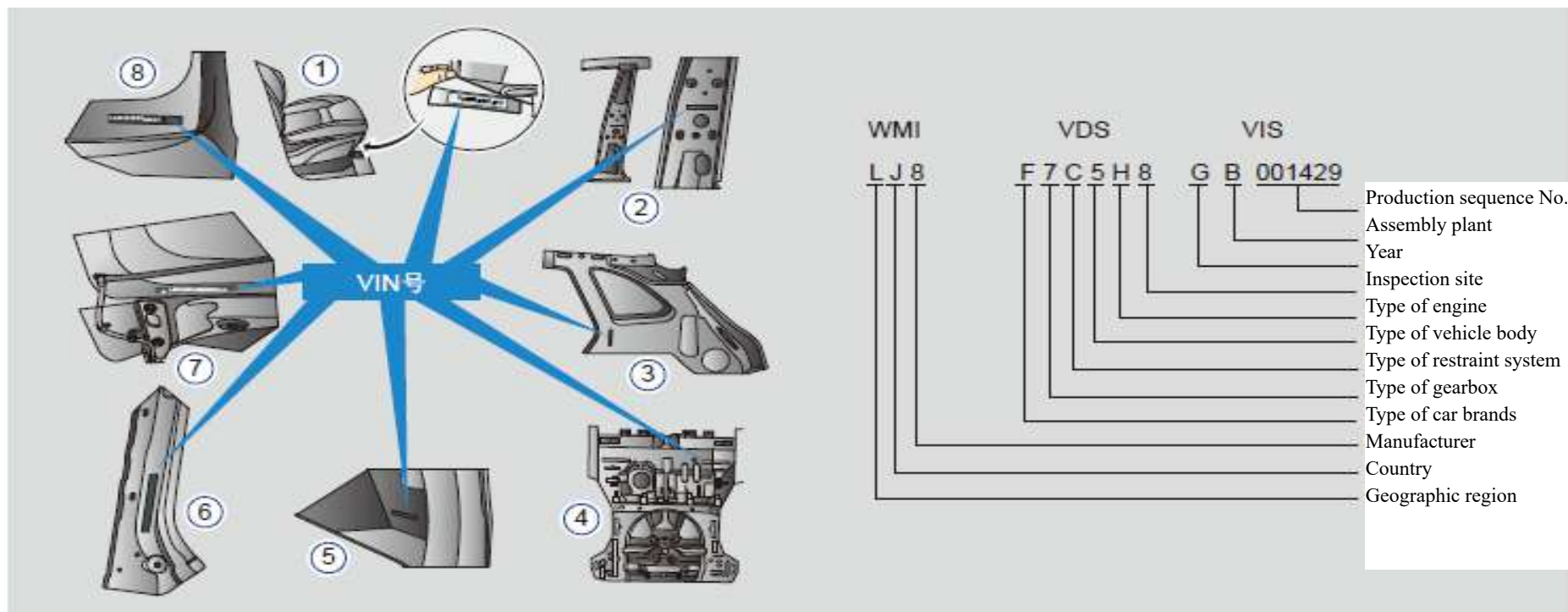
TNN4G15T (Tongling 1.5T) engine No. is engraved on the engine body shown as the above picture.



* **Number of engine 15S4G**

Number, 15S4G (SAIC 1.5T) of engine is printed on the engine body shown as the above picture.

Vehicle identification No.



Vehicle identification number (VIN) is the legalized identification mark of the vehicles.

Definition of position of VIN code (shown as the above picture): 1. Co-driver seat beam (engraved); 2. B column; 3. inner board at rear gusset; 4. Right of the rear floor; 5. Rear platform area for trunk; 6. A column; 7. Front engine compartment cover 8. Platform (2/3/4/6 adhered to the metal plate) for front window glass.

Main dimension and parameter of vehicle

Item	Vehicle model	All the vehicle models
Length (mm) of vehicle		4654
Width (mm) of vehicle		1893
Height (mm) of vehicle		1696
wheel base (mm)		2807
Front wheel tread(mm)		1611
Rear wheel thread (mm)		1612
Front overhang (mm)		906
Rear overhang (mm)		941

Complete vehicle quality and other design parameters

Vehicle model		JNJ6460					
Item		BK	Q2BK	Q4BTK	Q1BK	Q1BTK	QBTK
Maximum total vehicle mass (kg)		1916	1965	1965	2036	2036	2036
Curb weight(kg)		1541	1590	1590	1661	1661	1661
Quality (kg) of axle load	Load of the front axle	1001	1031	1031	1031	1031	1081
	Load of the rear axle	915	934	934	934	934	924
Rated carry passengers(person)		5					
Maximum grade ability %		45					
Minimum turning diameter (m)		11					
E minimum ground clearance		178					
Approach angle (degree)		22.5					
Departure angle (degree)		23.3					
nominal volume (L) of the fuel tank		60					
Fuel consumption (60km/h constant speed), L/100km		7.9	7.9	7.9	8.1	8.1	8.8



Descriptions

Meaning of vehicle model codes represented in the technical parameters table: JNJ6460BK (SAIC 1.5T5MT), JNJ6460Q2BK (Tongling 1.5T5MT), JNJ6460Q4BTK (Tongling 1.5T6AT), JNJ6460Q1BK (Tongling 1.8T Qingshan 5MT, Tongling 1.8T Yichen Fute 5MT), JNJ6460Q1BTK (Tongling 1.8TDCT), JNJ6460QBTK (Shen san 2.0TDCT)

Engine

Vehicle model	JNJ6460					
Item	BK	Q2BK	Q4BTK	Q1BK	Q1BTK	QBTK
Engine model	15S4G	TNN4G15T		TN4G18T		4G63S4T
Transmission model	LD525MFL	LD525MFL	A6F5A621PL	MF524E	DCT360C	DCT360C
Engine type	Transverse, in-line, 4-cylinder, the first cylinder is in front of the energy	Transverse, in-line, 4-cylinder, the first cylinder is in front of the energy		4 strokes, 4 cylinder, water cooling, in-line, DOHC, TCI of waste gas, VVT		Transverse, in-line, 4-cylinder, single overhead camshaft, the first cylinder is in front of the energy
Displacement	1.498	1.499		1.799		1.997
Idling speed (rpm/min)	750±50	750±50		750±50		750±50
Maximum rotating speed (rpm)	6800	5600		5800		6000
Rated power/rotating speed(kW/rpm)	119/5500	105/5600		130/5800		140/5500
Maximum torque/rotating speed (N.m/rpm)	215/2000-4400	207/2000-4400		245/2000-4000		250/2400-4400
Intake mode	Inter-cooling	Inter-cooling		Inter-cooling		Inter-cooling
Cylinder diameter * route (mm)	75×84.8	75×84.8		75×81.2		85×88
Compression ratio	9.5:1	9.3:1		9.0:1		9.3:1
Valve mechanism	VVT of 16 valve,	VVT of 16 valve, DOHC		VVT of 16 valve, DOHC		gear-belt transmission, 16 valve, SOHC

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	DOHC			
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Engine

Vehicle model	JNJ6460					
Item	BK	Q2BK	Q4BTK	Q1BK	Q1BTK	QBTK
Lubrication system	Rotary full-flow engine oil filter	Pressure and splash combined type		Pressure and splash combined type		Pressure provision, full flow filtration
Fuel pump	Chain driven rotor pump	Chain driven rotor pump		Plunger type		Involute gear type
Cooling method	Ethylene glycol	Ethylene glycol		Ethylene glycol		Ethylene glycol
Emission standards	National V					
Grade of fuel	92# and higher grade					

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Transmission and the chassis

Vehicle model			JNJ6460					
			BK	Q2BK	Q4BTK	Q1BK	Q1BTK	QBTK
Driving mode			Front-engine					
Form of transmission			5MT	5MT	6AT	5MT	6DCT	6DCT
Form of steering gear			Electric power					
Braking system	Front brake	Form	Disc type					
		Initial thickness (mm) of brake disc	28					
		Scrapping thickness (mm) of brake disc	26					
		Thinness(mm) of brake friction lining	10					
		Effective thinness(mm) of brake friction lining	8					
	Rear brake	Form	Disc type					
		Initial thickness (mm) of brake disc	10					
		Scrapping thickness (mm) of brake disc	8					
		Thinness(mm) of brake friction lining	10					
		Effective thinness(mm) of brake friction lining	8					
Suspension	Form of front suspension		MacPherson type suspension with sway bar					
	Form of rear suspension		Multi-link independent suspension with sway bar					

Wheel location parameter

Vehicle model			JNJ6460					
Item			BK	Q2BK	Q4BTK	Q1BK	Q1BTK	QBTK
Specification, pressure (empty) (kPa) of tire			235/65R17, 235/60R18, 230kPa					
Spare tire, pressure (when being used) (kPa)			235/65R17, 235/60R18, 230kPa					
Wheel location parameter	Front wheel	Toe-in of front wheel	0±2.5mm					
		Front-wheel camber	minus 0.5°±0.5°(difference of left and right camber angle is less than 30’)					
		Kingpin caster angle	4.06±0.5°(difference of left and right kingpin caster angle is less than 30’)					
		Kingpin inclination angle	12.8°±0.5°(difference of left and right kingpin inclination angle is less than 30’)					
	Rear wheel	Toe-in of rear wheel	minus 9’±6’(difference of left and right toe angle is less than ±10’)					
		Rear-wheel camber	minus 45’±15’(difference of left and right camber angle is less than 30’)					

Recommended oil liquid and volume

Vehicle model		JNJ6460					
		BK	Q2BK	Q4BTK	Q1BK	Q1BTK	QBTK
Fuel oil	Specifications	No.92 (and the above) lead-free gasoline					
	Capacity (L)	60					
Engine oil	Specifications	Kunlun ACEAA1/B15W-30, used at a temperature above subzero 35 ° C					
	Capacity (L)	4.3	3.5~4		3.5±0.5		4.0
Transmission Oil	Specifications	GL-475W-90	GL-475W-90	DAEATF-1	GL-475W-90	FFL-2 (PENTOSIN)	FFL-2 (PENTOSIN)
	Capacity (L)	1.6~1.8	1.6~1.8	6	2.0	2.0	2.0
Engine coolant	Specifications	China Petroleum & Chemical FD-2	China Petroleum & Chemical FD-2		China Petroleum & Chemical FD-2		China Petroleum & Chemical FD-2
	Capacity (L)	7.5	7.5		7.5		7.5
Brake fluid	Specifications	DOT-4	DOT-4		DOT-4		DOT-4
	Capacity (L)	0.84	0.84		0.84		0.84
Refrigerator oil	Specifications	PAG56	PAG56		PAG56		PAG56
	Capacity(g)	120	120		120		120
Air conditioning refrigerating fluid	Specifications	R134a	R134a		R134a		R134a
	Capacity(g)	550±10	550±10		520±10		525±10

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