

Ix7 User Manual

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Dongfeng Sokon Motor Co. LTD.

In September 2019

Preface

Dear customers, thank you very much for choosing Dongfeng Sokon Motor Co., LTD. (hereinafter referred to as DFSK).

This manual provides important information for you to be familiar with the operation and maintenance mode of DFSK Glory series cars. Please read it carefully and use it as required, otherwise it may damage your car or parts and affect the performance and durability of the vehicle.

This manual is written for DFSK Glory series of cars, so some configurations may not be available in the car you buy. Please understand that the configuration of the real car you buy shall prevail.

In view of the product is in the unceasing development and the improvement, if has the modification, our company will carry on the announcement on the DFSK website within 6 months.

Another "Maintenance and Warranty Manual" will provide details on the repair and maintenance of your vehicle.

If your car needs to be maintained or repaired, please contact the special service center of DFSK in a timely manner. The staff of the after-sales service center of DFSK can provide you with thoughtful and satisfactory service.

Your valuable comments and Suggestions are welcome.

Important safety tips

Please follow the following important driving rules to help ensure that you and your passengers have a safe and perfect journey.

Driving under the influence of alcohol or drugs is strictly prohibited.

Obey the traffic rules, limit the speed, do not over speed, overload driving.

Buckle up at all times and use the appropriate child safety seat. Children should sit in the second row.

Tell other passengers to use safety devices properly.

Read this manual frequently to master all important safety information.

Car modification

Please do not modify any auto parts, vehicle information and logo, etc. Modification will affect the performance, safety or durability of the vehicle, and may even violate national regulations. In addition, DFSK will not provide warranty for any damage or performance failure caused by modification.

Read instructions

The information in this manual applies to all models of this vehicle, including some optional configurations, so you may find that some of the information in this manual does not apply to your vehicle.

Important safety tips

All the information, specification parameters and illustrations in this manual are the specifications at the time of printing, and DFSK reserves the right to modify the specifications or design of the vehicle at any time without notice.

Read first, and then drive safely

Before you drive your vehicle, please read this manual carefully.

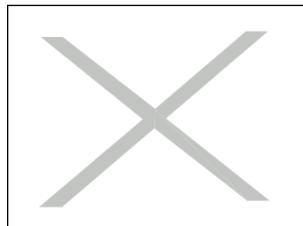
This will ensure that you are familiar with the control and maintenance requirements, which will help you drive your vehicle safely.

This manual use the "  Caution" sign, Indicates that there could be personal injury or other serious injury. In order to avoid or reduce danger, it must be followed correctly.

This manual use the "  Be careful" Sign

Indicates that minor injuries to persons or vehicles are caused and must be observed with care in order to avoid or reduce the risk.

"  Caution" The tag indicates that some help information is provided.



This symbol means "Don't do it" or "Don't let it happen."



The arrow symbol in the illustration indicates the front of the vehicle.



The arrow symbol in the illustration indicates movement or action.



The arrow symbol in the illustration indicates the item to which the arrow points.

Important note

Since the day you buy the car, your vehicle will be used for 6 months or drive 5000 km (whichever comes first). It is recommended that you take the "Customer information management card" to the DFSK Service Center for maintenance. Otherwise, the company will not guarantee any failure caused by unmaintenance or improper maintenance.

After the first maintenance of the vehicle, it is recommended that you send the vehicle to the DFSK Service Center for routine maintenance every interval of $10,000 \pm 500$ kilometers, which is an important part of the correct and reasonable use of the car, comprehensive and careful maintenance can maintain the good technical state of the car, prolong the service life of the car. Suggest you to DFSK service center maintenance, otherwise, due to no maintenance or improper maintenance caused by the fault, the company does not guarantee three;

DFSK Series products are strictly prohibited to change the structure and function of vehicles without authorization, and Dongfeng Sokon Motor Co., Ltd. shall not assume any responsibility for any direct or indirect damage caused by unauthorized modification, addition or modification;

In order to ensure the performance of the vehicle, please use pure DFSK accessories. Dongfeng Sokon Motor Co., Ltd. will not assume any responsibility for any direct or indirect loss caused by the use of non-pure DFSK accessories.

If the vehicle has quality problems in use, it is suggested that DFSK Service Center should carry out maintenance; otherwise, DFSK. will not assume any responsibility for all the losses caused by the vehicle problems caused by maintenance;

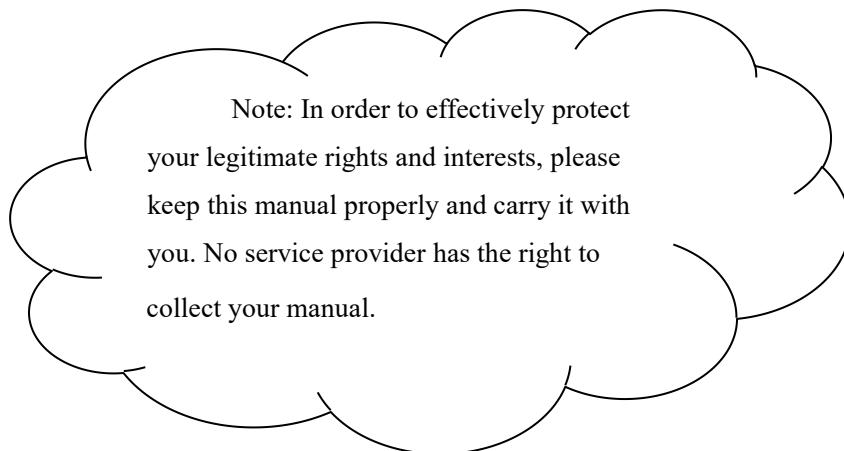
Dongfeng Sokon Motor co., LTD is located in the country of the DFSK guest service center from the power of the technical support to spare parts supply can ensure you get good, careful of vehicle maintenance and reliable maintenance

Important safety tips

of quality assurance, you also have to the guest service center by the quality of routine maintenance and repair exercise their right of supervision, to welcome you in the form of telephone, E-mail DFSK, feedback or Suggestions;

Please bring the "Customer Information Management Card" with you, so that you can provide services and help at any time. If you transfer the vehicle to others for use, be sure to give all the information of the vehicle to the new owner;

DFSK and Special Service Center will provide you with a more detailed explanation if you encounter anything unclear in the process of using the vehicle.



Note: In order to effectively protect your legitimate rights and interests, please keep this manual properly and carry it with you. No service provider has the right to collect your manual.

Dongfeng Sokon Motor Co. LTD

line: 400-660-9977

email: dfskservice@sokon.com

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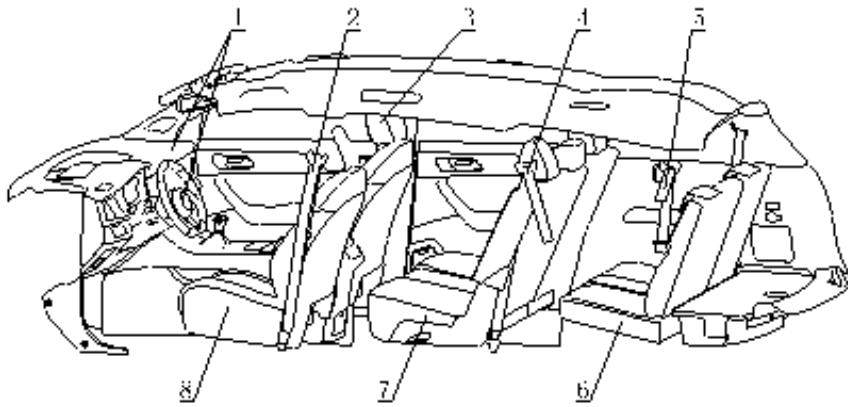
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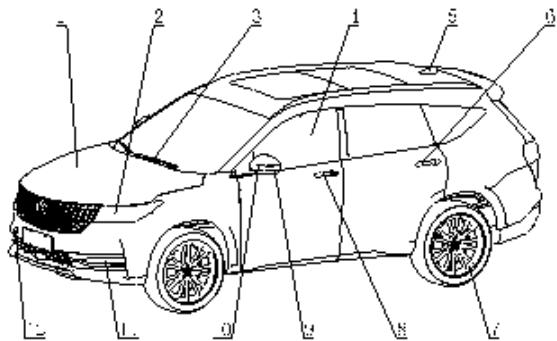
I. Illustrations index

Seat, seat belt and Auxiliary Restraint System (SRS)



1. Auxiliary front impact airbag (including auxiliary airbag)
2. Front seat belt
3. Head pillow
4. Second row seat belt
-- Child safety seat
5. Three-row seat belt
6. Three-row seats
7. Second row seat
8. Front seat

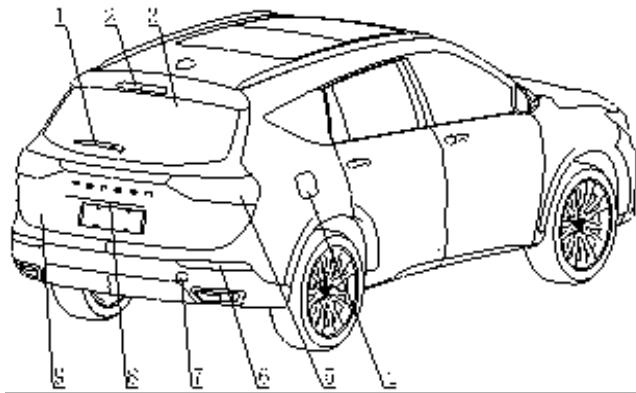
Exterior front



1. Hood	---- Windscreen cleaning fluid
2. Headlights, steering signals and position lights	— Operating switch — Replace the light bulb
3. Windshield wipers and scrubbers -- Operating switch	4. Window
	5. Antenna
	6. Rear door child safety lock
	7. The tyre -- Tyres and wheels -- Tire pressure label
	8. The door -- Key — Door lock
	9. Exterior rear mirror
	10. Side steering lights -- Operating switch -- Replace the light bulb
	11. Fog lamp -- Operating switch -- Replace the light bulb
	12. Towing hook

Note: According to GB1589, the parts shown in the figure no. : 2, 5(soft part), 9, 10 and 12 are not included in the vehicle outline scale.

Exterior rear

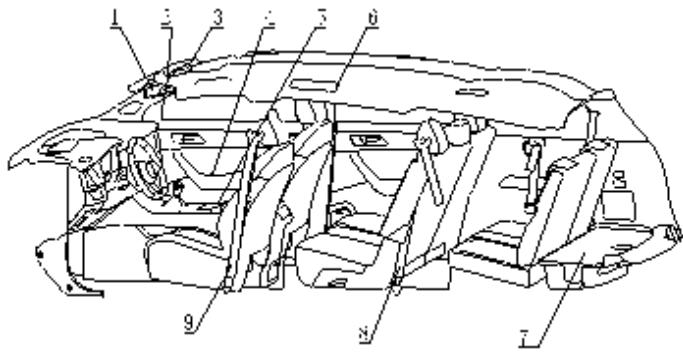


1. Rear wiper	4. Fuel filler cap
2. high mounted brake light	—Open operation (p.-104 -)
3. Rear window defroster	—Fuel Recommended (P.-104

Note: In accordance with GB1589, the parts sh

- turn signals and reverse lights
 - Operating switch
 - Replace the light bulb
- 6. Fog lamps
 - Operating switch
 - Replace the light bulb
- 7. Towing hook
- 8. Licence Light
- 9. Back door

Passenger cabin

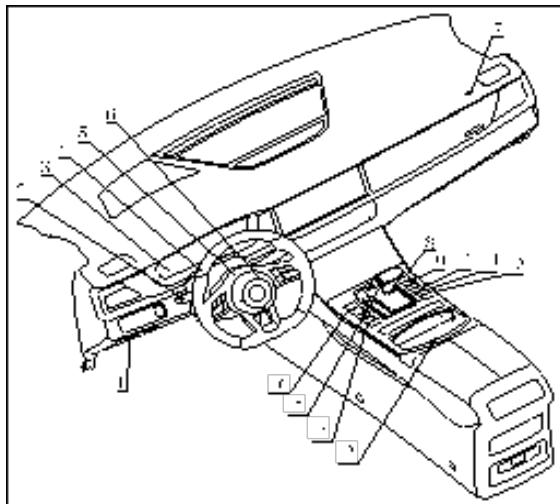


- Back door
- Bottle holder and map bag
- 8. Seat belts in the second row
- 9. Seat belts in the first row

- 1. Internal rearview mirror
- 2. Sun visor
 - Note holder
 - Cosmetic mirror
- 3. Front reading light
- 4. Electric window switch
- 5. Storage boxes
 - Intermediate cup holder and storage box
 - Toolbox
 - Small storage box
- 6. Rear room light
- 7. Luggage compartment

Driver cabin(left)

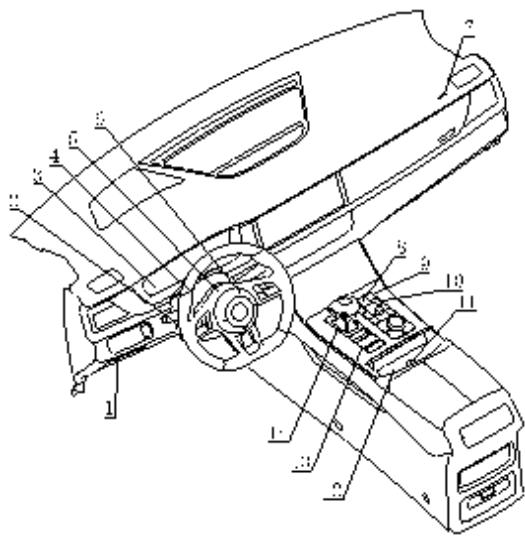
Mechanical automatic transmission



1. The access port
2. Combination switch
3. Combination instrument
4. The steering wheel
5. Electric power steering system
6. Electric horn button
7. Co-pilot airbag module
8. Two-drive switch
9. Four-wheel drive switch (4WD-Lock)
10. Collision avoidance radar system
11. Drive mode
12. Indicator light for steep descent
13. Cigarette lighter
14. Emergency switch
15. Automatic transmission handle stick
16. Parking brake

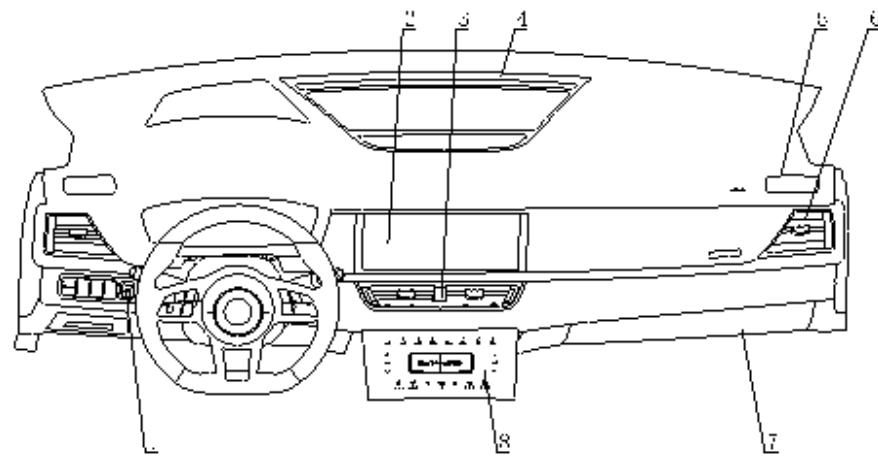
Illustrations index

Lever electronic shift



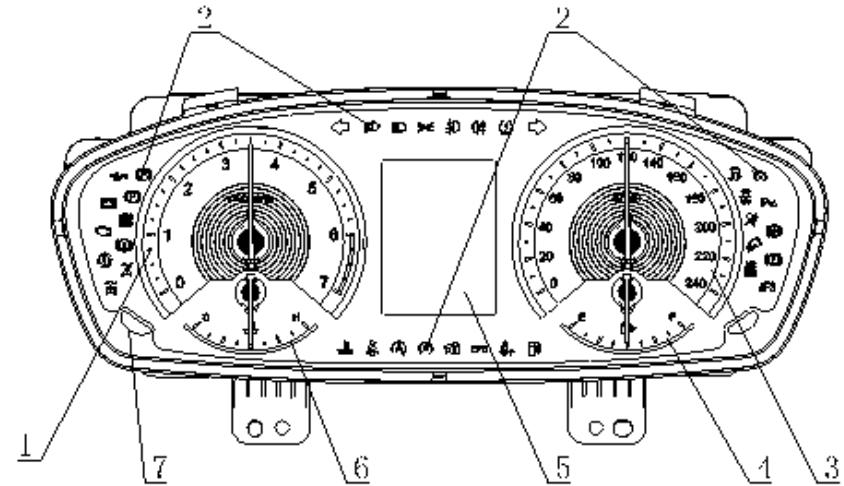
1. The access port
2. Combination switch
3. Combination instrument
4. The steering wheel
5. Electric power steering system
6. Electric horn button
7. Co-pilot airbag module
8. Emergency switch
9. Four-wheel drive switch (4WD-Lock)
10. Two-drive switch
11. Cigarette lighter
12. Ashtray
13. Parking Brake (EPB)
14. Lever electronic gear shifting

Instrument Panel (left)



1. Headlight height adjusting switch
2. The display screen
3. Central air outlet
4. Front defrost outlet
5. Side defrost outlet
6. Side outlet
7. Tool box
8. Air-conditioning control panel

**Combination instrument
(general instrument)**



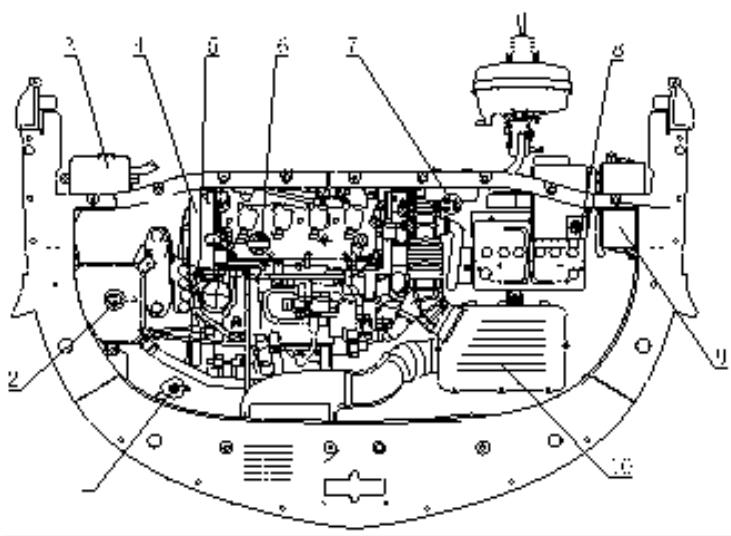
1. Engine tachometer
2. Function indicator light
3. Speedometer
4. Fuel gauge
5. Driving computer display screen
6. Water thermometer
7. SET/Choose button

Combination instrument (LCD instrument)



1. Engine tachometer	6. Speedometer
2. Time display	7. Fuel gauge
3. Function indicator light	8. Subtotal mileage
4. Integrated information	9. Gear information
5. Outside temperature	10. Total mileage
	11. Coolant temperature

Engine cabin HD20 engine

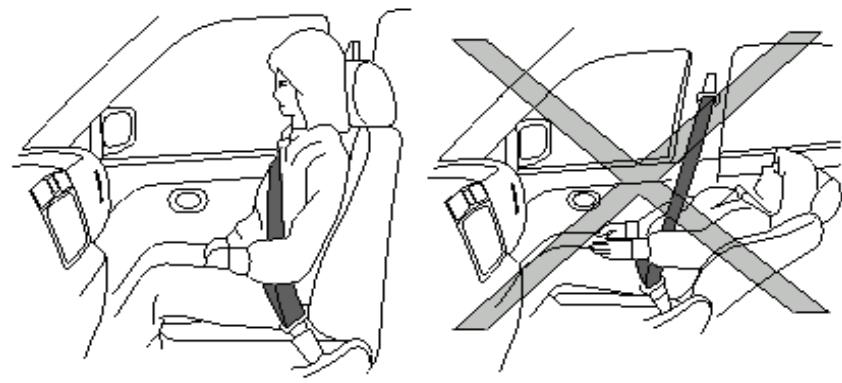


1. Windscreen cleaning fluid oil storage tank
engine room
—Windscreen cleaning fluid
2. Engine coolant water storage bottle
3. Fuse/Fuse box
4. Engine drive belt
5. Engine oil gauge
6. Oil filling cap
7. Brake fluid oil storage tank
8. The battery
9. Fuse/fuse box
10. Air Cleaner

II. Safety device - seat, safety belt and auxiliary restraint device

Safety device - seat, safety belt and auxiliary restraint device

Seats



Caution

- Do not put the back of your seat upside down when driving or riding. It's dangerous. In an accident, you and your passenger may hit the shoulder strap, causing serious neck or other injuries,

because the seat belt straps do not fit properly. You and your passenger could also slip out of the belt and cause serious injury.

- The most effective protection in a vehicle is to keep the seat back upright. Always lean well against the back of the seat and keep the seat belt in place. (See "Seat belts" section below)



Caution

When adjusting the seat position, take care not to touch any moving parts to avoid possible injury or damage.

Front seat



Caution

The driver's side seat cannot be adjusted while the vehicle is in motion, as this will result in the

Safety device - seat, safety belt and auxiliary restraint device

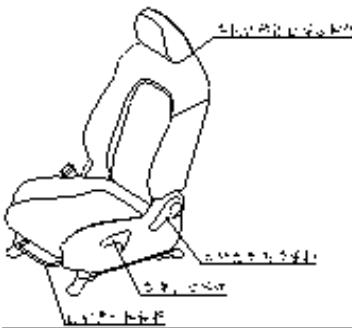
driver not being able to focus all his attention on the vehicle.

Seat adjustment

warning

After adjusting the seat, gently shake the seat to determine whether the seat is safely locked. If the seat does not have a safe locking position, it may move suddenly and cause the vehicle to lose control.

Front manual seat



Adjustment of seat back angle

Pull up the angle adjusting handle of the seat back outside, and release the adjusting handle after adjusting to a proper angle.

Front and rear seat position adjustment

Pull up the front and rear levers, slide the seat back and forth to a suitable position, and then release the lever.

Seat height adjustment

The height adjustment handle can be adjusted to a proper position by repeatedly pulling up and down the handle.

Headrest height adjustment

Press and hold the headrest adjustment lock release button, adjust the headrest up or down to the

Safety device - seat, safety belt and auxiliary restraint device

appropriate position, and release the button to lock it.

Adjust the headrest so that the center of the headrest is as level as possible with the upper part of the ear.

Removal of headrest

Press and hold the headrest adjustment lock release button and pull out the headrest at the same time.

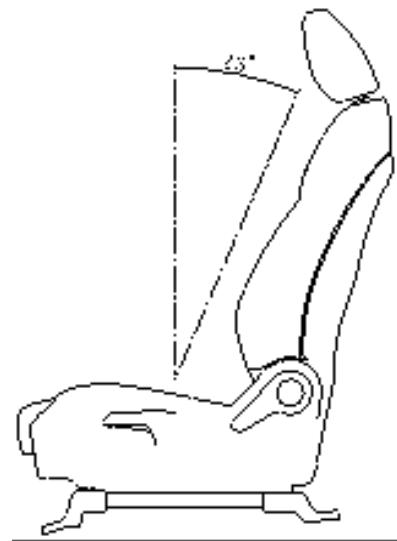
Seat fore and aft position and back angle (when measuring seat cushion depth)

Adjust the front seat slide rail to the rearmost position, and the angle

between the back and the vertical direction is 23 degrees.

Normal use of seat back

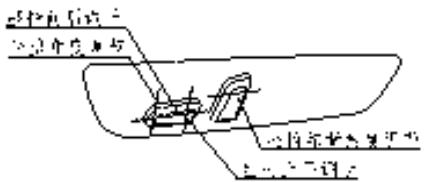
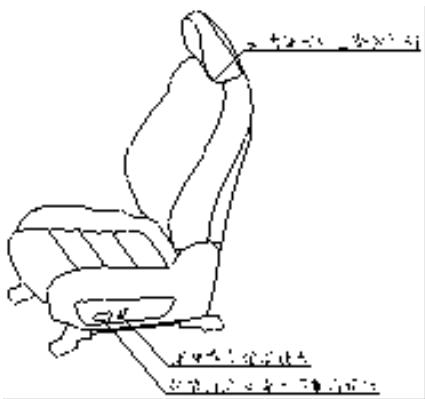
When the seat recliner is unlocked and the back is adjusted to 23 ° in the vertical direction, it is the normal use state of the back.



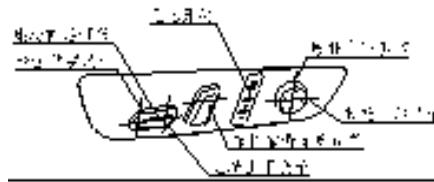
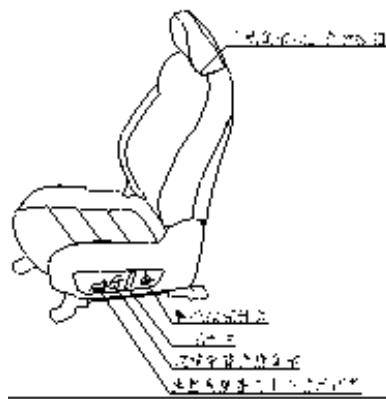
Safety device - seat, safety belt and auxiliary restraint device

Front electric seat

6-way electric



8-way electric



Adjustment of seat back angle

Adjust the seat back angle adjustment switch located on the outside of the seat to the appropriate angle.

Seat height adjustment

Through the seat height adjustment switch, pull up the rear end of the switch to move the seat up as a whole. Pull the rear end of the switch downward to move the whole seat downward.

Seat memory function

1. Memory function:

Manually adjust the seat and rearview mirror to the comfortable

Safety device - seat, safety belt and auxiliary restraint device

position. Press the set key for more than 200ms. Start timing from the time when the set key is pressed. Press key 1, 2 or 3 of the memory switch within 5 s for more than 200ms. If the sound of "beep" is heard, the memory is successful.

2. Recall function:

When the seat and rearview mirror positions are recalled, the user only needs to press (press time > 200ms) position button 1, key 2 or key 3 effectively, without pressing for a long time. The memory module will

drive the seat and mirror to the position memorized by the button

Adjustment of seat cushion angle

Through the seat cushion angle adjustment switch, pull up the front end of the switch, lift the front end of the switch, pull down the front end of the switch, lift the rear end of the cushion, and adjust to the appropriate angle.

Front and rear seat position adjustment

Move the front and rear sides of the seat before and after adjusting the electric button, slide the seat to

the right position before and after the seat, then release the electric button before and after.

Front and rear seat lumbar adjustment

Press the electric button before and after pressing the outer side of the seat, slide the seat waist back and forth to the right position, then release the electric button before and after adjusting.

Height adjustment of seat lumbar support

Press the power button for height adjustment outside the seat, slide the seat lumbar support up and

Safety device - seat, safety belt and auxiliary restraint device

down to a suitable height, and then release the power button for height adjustment.

Head restraint height adjustment:

While holding down the locking release button, adjust the headrest up or down to an appropriate position, and release the button to lock it.

Adjust the headrest so that the center of the headrest is as level as possible with the upper part of the ear.

Removal of headrest:

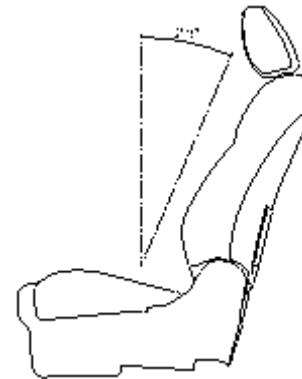
Press and hold the locking release button and pull out the headrest upward at the same time.

Seat fore and aft position and back angle (when measuring seat cushion depth)

The front seat slide is adjusted to the rearmost position, and the angle between the back and the vertical direction is 23 degrees.

Normal use of seat back

When the seat recliner is unlocked and the back is adjusted to 23 ° in the vertical direction, it is the normal use state of the back.



Second row quarter and Sixes fold



warning

- Do not apply more than 20kg to the folded back of the seat.
- When folding the second row seat, pay attention to avoid seat belt damage.

Safety device - seat, safety belt and auxiliary restraint device

- No one is allowed to sit in the luggage area or the second row seat when the seat is in the folded position. Passengers using these areas without proper protection may cause serious injury in the event of an accident or sudden braking.
- The second row seats cannot be folded while the vehicle is moving, because sudden deceleration or acceleration of the vehicle may cause injury to the person who is folding the seat.
- The second row seat cannot be folded when the user is in the second row seat area or has luggage on the second row seat.
- Properly secure the luggage to prevent it from sliding or moving. Do not place luggage above the seat back.
- When returning to the original position of the seat, it must be confirmed that it is safely fixed in the locked position. If it is not fully locked, it may cause user injury in the event of an accident or sudden braking.
- Store the removed head restraint (optional) safely to prevent it from being thrown out in a sudden brake or accident.
- The head restraint should be adjusted in the specified effective position to prevent neck injury. If the headrest is moved due to some reasons, it should be timely adjusted and put back to the original effective position.

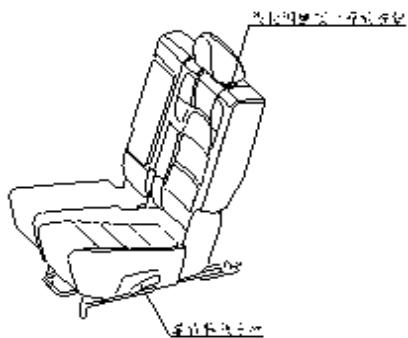


warning

Do not fold the second row seat if the third row seat is in use during vehicle operation.

Safety device - seat, safety belt and auxiliary restraint device

Six-point seat in second row (with slide rail)



The six seater with six-point seat and the seven seater with six-point seat have front and rear slide rails, and the backrest can be flattened and adjusted in angle.

The six-point seat is available with or without armrests.

Adjustment of seat back angle

Pull up the release handle of the back to adjust the angle of the back; directly pull up the release handle of the back, and then release the handle after the back is flat.

Headrest height adjustment

The method is the same as that of front row seats.

Removal of headrest

The method is the same as that of front row seats

Four-point seat in second row (with slide rail)

T3. The six seater and seven seater with four-point or six-point seats are front and rear sliding seats, and the backrest can be flattened and adjusted in angle.

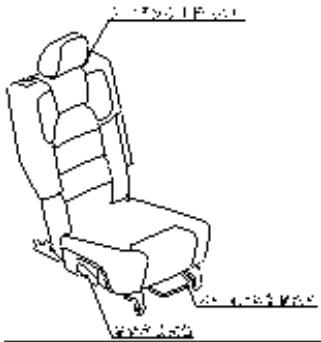
Adjustment of seat back angle

The method is the same as the six seater with six-point seat.

Headrest height adjustment

The method is the same as the six seater with six-point seat.

Safety device - seat, safety belt and auxiliary restraint device



Removal of headrest

The method is the same as that of six seat six minute seat.

Slide the four-point and six-point seats back and forth

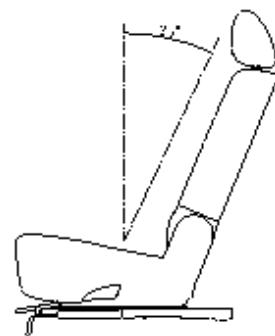
Lift the seat up and adjust the lever back and forth to disengage it from the lock, so the seat can slide back and forth. Move the front passenger seat forward

appropriately, and move the four-point seat to the most forward position, to facilitate getting in and out of the car and adjust the comfort of the third-row passenger space.
Seat fore and aft position and back angle (when measuring seat cushion depth)

The middle row seat slide is adjusted to the final position, and the angle between the back and the vertical direction is 25 degrees.

Normal use of seat back

When the seat recliner is unlocked and the back is adjusted to 25 ° in the vertical direction, it is the normal use state of the back.



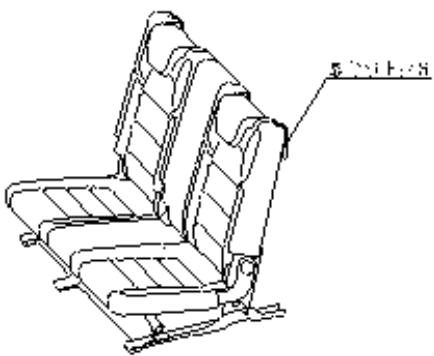
Third row seats

The third row of seven seats is a four bar linkage seat.

Safety device - seat, safety belt and auxiliary restraint device

Seat back adjustment

Pull up the locking strap of the backrest to unlock the backrest. According to the passenger's own situation, adjust the backrest to a comfortable position, and lower the cable to lock the back.



Headrest height adjustment

The method is the same as that of front row seats.

Removal of headrest

The method is the same as that of front row seats.

Seat fore and aft position and back angle (when measuring seat cushion depth)

The angle between the rear seat back and the vertical direction is 25 degrees.

Normal use of seat back

Lock the seat back, and the angle between the back and the vertical

direction is 25 degrees, which is the normal use state of the back.



warning

During vehicle operation, if the second row seat is folding, the third row seat is prohibited.

Fold



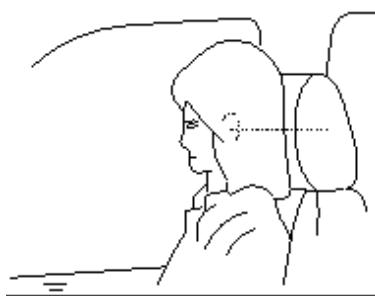
warning

Safety device - seat, safety belt and auxiliary restraint device

- Be careful not to damage the seat belt when folding the third row seat.
- When the seat is in the folded position, no one is allowed to sit in the trunk area or the third row seat. Passengers who use these areas without proper protection may cause serious injury in an accident or when braking sharply.
- The third row seat cannot be folded while the vehicle is driving, because it may cause injury to the person who is folding the seat when the vehicle suddenly decelerates or accelerates.
- The third row seat cannot be folded when the user is in the third row seat area or has luggage on the third row seat. Properly secure the luggage to prevent it from sliding or moving. Do not place luggage above the seat back.
- When returning to the upright position of the seat back, it must be confirmed that it is safely fixed in the locked position. If it is not fully locked, it may cause user injury in the event of an accident or sudden braking.
- Store the removed head restraint (optional) safely to prevent it from being thrown out in a sudden brake or accident.
- The head restraint should be adjusted in the specified effective position to prevent neck injury. If the headrest is moved due to some reasons, it should be adjusted and put back to the original effective position.

Safety device - seat, safety belt and auxiliary restraint device

head pillow



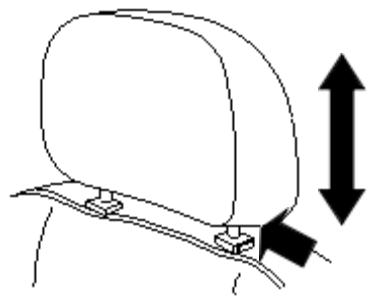
warning

It is dangerous to drive and ride in the vehicle when the headrest is removed. Proper use of headrest can effectively reduce injury in accidents.

Other people should check the height of headrest in time after use.

The correct headrest adjustment method is shown in the figure

Adjust the height of the head restraint so that the center of the head restraint and the center of the ear are on the same horizontal line.



1. Pull up the headrest and raise it to a proper position;

2. Push in the locking knob (1) and lower the headrest to the appropriate position.

Adjustable headrest position can only be used in the position where the groove of the mounting rod under the headrest is clamped. The lowest head restraint position is the placement position.

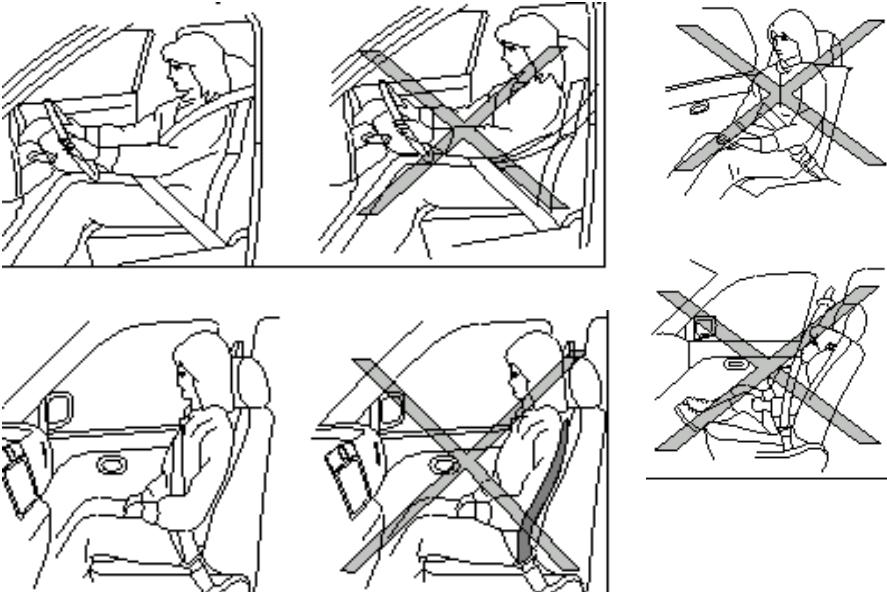
When it is necessary to remove the headrest in folding seat, etc., push the lock twist and pull out the headrest. Removed head restraints should be stored safely.

Safety device - seat, safety belt and auxiliary restraint device

Safety belt

Precautions for use of safety belt:

If you fasten and adjust the seat belt correctly, sit upright and lean on the seat well, the probability and severity of your injury will be greatly reduced in the event of an accident. DFSK strongly recommends that you and all passengers must fasten their seat belts at all times when driving. Even if you have an air bag in your position, if you don't fasten your seat belt, the car with airbag will increase the degree of injury in case of accident.



Safety device - seat, safety belt and auxiliary restraint device



warning

- The safety belt is designed according to the bearing capacity of the human skeleton structure. When using, it should cross the front and lower part of the pelvis or the pelvis, chest and shoulder; it is necessary to avoid the seat belt passing through the abdominal position. If the seat belt is not used correctly, serious injury may result.
- Place the seat belt as low and comfortable as possible around the hips rather than around the

waist. If the safety belt is too high, it may cause internal injury in the accident.

- More than one person is not allowed to use the same safety belt. A seat belt assembly can only be used by one passenger; it is very dangerous for passengers to hold children on their knees and share one seat belt.
- The number of occupants in the vehicle must not exceed the number of seat belts.
- The safety belt shall not be reversed, and the webbing shall

not be twisted when the safety belt is fastened, which will reduce its efficiency.

- During the adjustment, the safety belt should be tightened as much as possible, taking into account the comfort, so as to achieve the protection purpose in the design. Loose seat belts will greatly reduce the protection of users.
- Every occupant in the vehicle should wear a seat belt at all times. Children should be properly protected in the rear

Safety device - seat, safety belt and auxiliary restraint device

seats and, if possible, use child safety seats.

- Do not place the seat belt behind your back or under your armpit. The seat belt shoulder strap must pass through the shoulder and across the chest. The seat belt should be away from the face and neck, but not from the shoulder. Serious injury can result if the seat belt is not fastened correctly.
- The user shall not modify the seat belt or add accessories, otherwise it will hinder the function of the belt adjusting device or the belt assembly to eliminate slack.
- Care must be taken to avoid contamination of seat belts with wax, oil and chemicals, especially battery electrolyte. Use mild soap and water to clean safely. If the safety belt has burr, pollution or damage, it must be replaced in time.
- After any collision, the safety belt assembly including retractor and all accessories should be inspected at the authorized service outlets of DFSK DFSK recommends replacing the seat belt assembly used in the collision, unless the collision is light, the safety belt is not damaged and works normally. If it is found that the unused seat belt in the collision is damaged or cannot operate normally, it should also be inspected or replaced.
- After a severe impact, the assembly of the impacted seat belt must be replaced even if the damage is not obvious.
- After the pre tightening seat belt has been applied, it can not be reused. It must be replaced

Safety device - seat, safety belt and auxiliary restraint device

together with retractor. Please contact DFSK authorized service station.

- Only DFSK authorized service outlets can remove and install pre tightening seat belt system components.

Child safety

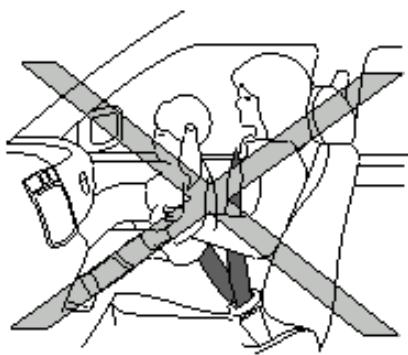


warning

- Infants and children should use special protective devices. The seat belts on the vehicle don't fit them. The shoulder belt is too close to their face and neck, and the lap belt does not fit their small pelvis. In an accident,

improper seat belts can cause serious or fatal injury.

- Proper child safety seats must be used and children need help from adults to protect them. They need proper protection. Proper protection depends on the size of the child.



Infants and young children

DFSK suggests that infants or young children sit in child safety seats. You should choose a child safety seat system suitable for your vehicle and children, and install and use it strictly according to the product instructions.

Older children



warning

- Children are not allowed to stand or kneel on any seat.
- Children are not allowed to be in the loading area while the vehicle is moving. In the event of an accident or sudden braking,

Safety device - seat, safety belt and auxiliary restraint device

children can be seriously injured.

Children who are too big to use child safety seats should use seat belts. If the child's shoulder belt is close to the face or neck, an auxiliary cushion (available on the market) should be used to help solve the problem. The auxiliary cushion should raise the child so that the shoulder belt is correctly positioned, and the belt should be around the buttocks through the upper and middle positions of the shoulder. The auxiliary seat cushion must fit the seat of the vehicle. When the

child has grown up to the shoulder belt will not be close to the face and neck, the safety belt can be used normally, and no auxiliary cushion is needed. In addition, there are many models of child safety seat systems suitable for older children, which can get the maximum protection if used.

pregnant woman

DFSK suggests pregnant women use seat belts. The seat belt must be worn comfortably and the belt should be pulled down as far as possible around the hips, not around the waist. Shoulder straps pass

through the shoulders and chest. Do not pass the shoulder or belt of the seat belt through the abdomen. Please consult your doctor for specific advice.

wounded

DFSK suggests that the wounded should use safety belt. Please consult your doctor for specific advice.



warning

The driver or passenger must wear the seat belt at all times.

Safety device - seat, safety belt and auxiliary restraint device

Three point seat belt



Fasten your seat belt



warning

The seat back must not be tilted excessively for comfort. Because only when the passenger is sitting close to the back of the seat, can the seat belt play its maximum role.

Adjust the seat. (see the previous "seat" chapter for details) slowly pull the safety belt out of the retractor and insert the locking tongue into the buckle until the lock is felt to be locked.

The safety belt retractor is designed to lock the belt in the event of sudden braking and sudden impact.

Pull the seat belt slowly to make it move, and you can also move freely in the seat.

1. Lower the belt around the hips as shown.
2. Pull the shoulder strap toward the retractor to remove extra slack. Make sure the shoulder strap passes through the shoulders and comfortably across the chest.

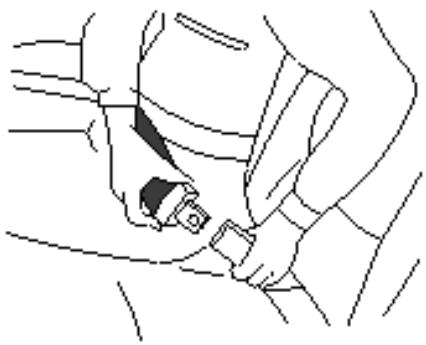


Use of seat belt height adjustment

Press the height adjustment button on the B-pillar trim panel to the bottom and slide the adjustment gear until it is comfortable to wear.

Safety device - seat, safety belt and auxiliary restraint device

Unlock seat belt



Press the seatbelt buckle button and the seatbelt will retract automatically.

Check seat belt operation

The belt retractor locks the belt and limits its movement in two cases:

- When the seat belt is pulled out quickly from the retractor.
- When the vehicle slows down in an emergency.

In order to use the safety belt safely, please check as follows: grasp the shoulder belt and pull it forward quickly. The retractor will lock and restrict the movement of the safety belt. If the retractor can not be locked during the inspection according to the above method, please consult the authorized service network of DFSK

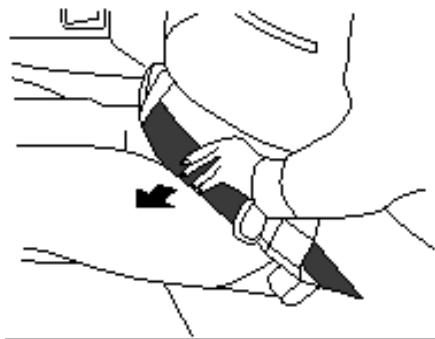
Fasten your seat belt



warning

The seat back should not be in a downward tilt position, but also in a comfortable position. The seat belt can provide maximum protection when the occupant is seated against the back.

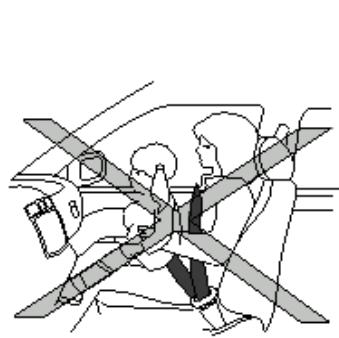
Safety device - seat, safety belt and auxiliary restraint device



Release the seat belt

To release the seat belt, press the button on the buckle. Lock the seat belt when not in use to prevent it from getting stuck in the door.

vehicle-use child safety seats



Precautions for use of child safety seat:



warning

- When driving, infants and young children should use appropriate child safety seats.

Improper use of child safety seats may cause serious injury or death.



warning

Remember that child safety seats left in an enclosed cab can be hot. Check the temperature of the surface and latch before placing the child on it.

- DFSK suggests that infants or young children sit in child safety seats. You should choose a child safety seat suitable for your vehicle. Infants and young children can't sit on your thighs, even the strongest adults can't

Safety device - seat, safety belt and auxiliary restraint device

resist the impact of an accident. Children between adults and vehicles will be squeezed. Similarly, you and the infant cannot use the same seat belt

- DFSK suggests that children's safety seats should be installed in the rear seats. According to accident statistics, children sitting in the rear seats are safer than those in the front seats.
- If the child safety seat is not properly used and installed, it may increase the injury degree of children and passengers in the vehicle, and even cause serious injury and death.
- Install and use child safety seats according to the manufacturer's instructions. When selecting and purchasing child safety seats, make sure they are suitable for your child and your car, as some types of child seats may not be suitable for your car.
- The direction of the child safety seat is not simply facing forward or backward, but determined by the model of the child safety seat and the height and size of the child. Refer to the child safety seat manufacturer's detailed instructions.
- Adjusting the seat back can facilitate the child safety seat system and be installed and used in strict accordance with the product instructions. In addition, there are many models of child safety seat systems suitable for older children, which can get the maximum protection if used.
- After installing the child safety seat, before taking the child seat, shake the seat back and forth as far as possible, and check whether the seat belt is firmly

Safety device - seat, safety belt and auxiliary restraint device

fixed. The movement of the child safety seat shall not exceed 25 mm. If it is not fixed firmly, tighten the safety belt as much as possible or fix it to other seats to check again.

- When you are not using the child safety seat, please use the child seat safety fixture or safety belt to fix it to prevent it from being thrown out in case of emergency braking or accident.
- If the co driver's seat is equipped with an air bag, a rear facing child safety seat cannot be installed on it. When the

airbag explodes, the impact force is very large. When an accident occurs, the child safety seat may be impacted, which will seriously hurt children, even endanger their lives.

- If there is a child safety seat locking device in the seat belt position but it is not used, it may cause the child safety seat to tip over and cause injury during normal vehicle braking or turning.

Universal child safety seat system installed on all vehicle seats

When selecting any child safety seat, pay attention to the following aspects:

- The selection of child safety seat shall comply with the latest provisions of GB 27887-2011.
- Put your child in the child safety seat and check all adjustable parts to ensure that the seat is suitable for your child. At the same time, install and use the program recommended by the manufacturer.

Safety device - seat, safety belt and auxiliary restraint device

- Check the child safety seat in your vehicle to ensure that it is compatible with the safety belt system of the vehicle.
- Install the appropriate child safety seat in the specified position according to the table below.

Safety device - seat, safety belt and auxiliary restraint device

Specify the position of the child seat

age group	Seat position					
	Front passenger seat (with airbag)	Front passenger seat (without airbag)	Middle row quarter seats	Middle row six point middle seat	Middle row six point outer seat	Rear seats
0, 0 + group < 13kg (0-24 months)	X	L*	L*、 I*	X	L*、 I*	X
Group I: 9-18 kg (9-24 months)	X	L	L*、 I*	X	L*、 I*	X
Group II and group III 15-36 kg (4-12 years)	X	L	L	X	L	X

U: It is suitable for the "universal" type, and the forward and backward child safety seats are allowed to be used in different age groups;

Safety device - seat, safety belt and auxiliary restraint device

50: Suitable for special child safety seat;

1: It is suitable for "ISOFIX" child seat to be fixed safely;

*: can only be oriented to post types.

Adaptability information of different ISOFIX positions to ISOFIX child restraint system

Quality group	Size category	Fixed module	ISOFIX position on vehicle					
			Front passenger	Rear outer	Middle back row	Outside middle row	Middle row	Other locations
Portable bed	F	ISO/L1	NA	NA	NA	IL	NA	NA
	G	ISO/L2	NA	NA	NA	IL	NA	NA
		(1)	NA	NA	NA	IL	NA	NA
Group 0: < 10kg	E	ISO/R1	NA	NA	NA	IL	NA	NA
		(1)	NA	NA	NA	IL	NA	NA
0 + group: < 13kg	E	ISO/R1	NA	NA	NA	IL	NA	NA
	D	ISO/R2	NA	NA	NA	IL	NA	NA

Safety device - seat, safety belt and auxiliary restraint device

	C	ISO/R3	NA	NA	NA	IL	NA	NA
	(1)	NA	NA	NA	IL	NA	NA	NA
Group I: 1 9kg-18kg	D	ISO/R2	NA	NA	NA	IL 、 IUF	NA	NA
	C	ISO/R3	NA	NA	NA	IL 、 IUF	NA	NA
	B	ISO/F2	NA	NA	NA	IL 、 IUF	NA	NA
	B1	ISO/F2X	NA	NA	NA	IL 、 IUF	NA	NA
	A	ISO/F3	NA	NA	NA	IL 、 IUF	NA	NA
		(1)	NA	NA	NA	IL 、 IUF	NA	NA
In group II 15kg-25kg		(1)	NA	NA	NA	IL	NA	NA
In group III, the patients were divided		(1)	NA	NA	NA	IL	NA	NA

Safety device - seat, safety belt and auxiliary restraint device

into three groups 22kg-36kg								
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Note:

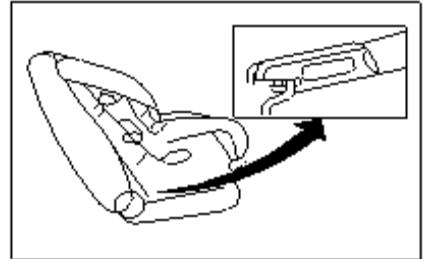
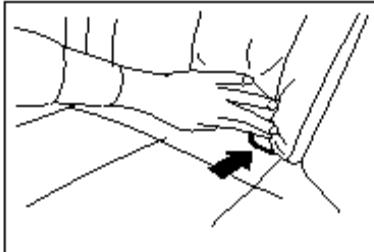
(1) : for child restraint systems not classified according to ISO / XX dimensions (A-G), for the applicable quality group, the vehicle manufacturer shall specify the ISOFIX child restraint system recommended for each seating position.

IUF: it is applicable to the forward universal ISOFIX child restraint system approved by the quality group;

IL: suitable for special ISOFIX child restraint systems, which may be special vehicle class, restricted class or semi universal class;

Na: the position of ISOFIX does not apply to ISOFIX child restraint systems of this mass group or this size category.

Safety device - seat, safety belt and auxiliary restraint device



ISOFIX child seat safety anchorages

Your vehicle is equipped with special anchorages for child safety seats with ISOFIX child seat anchorages. (on the second row seats)

Location of lower anchorages for ISOFIX child seat anchorages

The fixing points of ISOFIX child seat safety anchorages are only used to install the child safety seats on the outside of the second row of seats, and the child safety seats cannot be installed in the middle seat position

with the fixing points of the child seat safety anchorages.

ISOFIX child safety anchorages are located behind the seat cushion near the back of the seat, and there is a label on the back to help you find the anchorage. ISOFIX child seat safety fixture

Safety device - seat, safety belt and auxiliary restraint device

Attachment for ISOFIX child safety anchorages

The child seat of ISOFIX child seat safety anchorage has two rigid connectors, which are used to connect the two fixing points on the seat. At the same time, it is necessary to use the vehicle seat safety belt to fix the child seat. Check that the label on your child safety seat is a child seat with child seat safety anchorages. The instructions for child safety seats are also included.

Child seat installation using ISOFIX anchorages



warning

- Child seats with ISOFIX anchorages can only be in dedicated positions. For the installation position of the lower part of the child safety seat, please refer to the previous chapter "ISOFIX child seat safety anchorage". If the child safety seat is not suitable, it may cause serious injury or even death in the accident.
- Do not install a child safety seat that requires the use of a top

mounting strap in a seat without a top mounting point.

- Do not install the child safety seat in the second row seat position through the lower fixing point of special fixing device. The child safety seat will not be installed firmly and reliably.
- By inserting your finger in the lower anchorage area and confirming that there are no obstacles on it, such as seat belt webbing or seat cushion material. If the special fixed point has obstacles, the child

Safety device - seat, safety belt and auxiliary restraint device

safety seat will not be installed and fixed reliably.

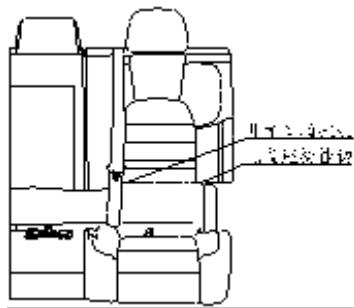
using ISOFIX anchorages on the second row of outer seats.

- The anchorages of child safety seats are only designed to withstand the load generated by the correct and appropriate child safety seats. It is not allowed to use them to fix adult's safety belt, tension belt or other accessories or equipment to the vehicle.

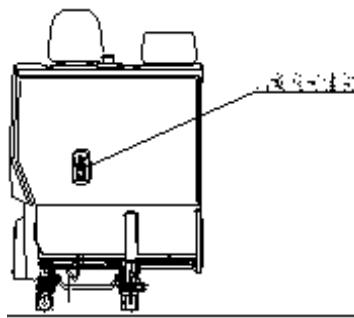
Face forward

Make sure to use your child safety seat correctly according to the product manual. Use these steps to install a front facing child safety seat

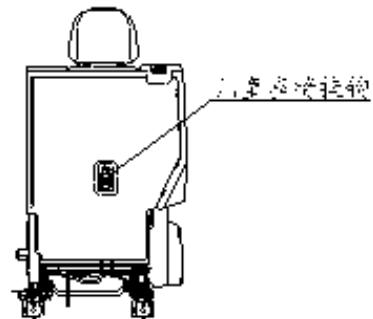
Safety device - seat, safety belt and auxiliary restraint device



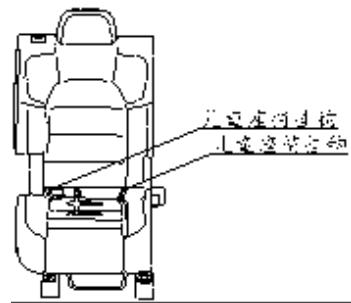
Six point front child seat latch
position



Six point rear child seat latch
position

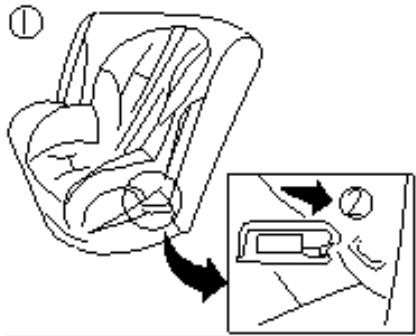


Quarter back child seat latch
position



Quarter front child seat latch
position

Safety device - seat, safety belt and auxiliary restraint device



1. It is fixed on the special lower fixing point (2) through the connecting piece of the child safety seat;
2. The back of the child safety seat should rest well on the back of the seat. If necessary, adjust or remove the headrest to make the child safety seat get the correct and appropriate position (see the "headrest" chapter above for details). If the headrest is removed, keep it in a safe place. When the child safety seat is removed, make sure to install the upper headrest. If the headrest on the seat position is not adjustable and affects the correct installation of the child safety seat, please try or use a different child safety seat in other seat positions;
3. Shorten the rigid connector to make the child safety seat firmly fixed; press the middle part of the child safety seat downward and backward with your knee to make it close to the cushion and back of the seat;

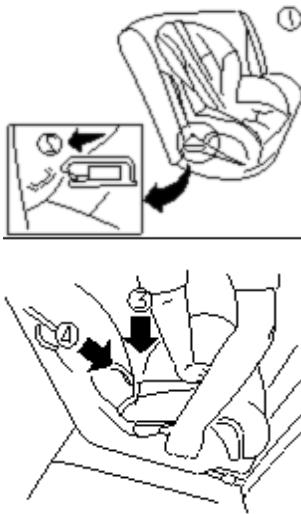
Safety device - seat, safety belt and auxiliary restraint device

4. Before you put the child in, check the child safety seat; try to shake the child seat back and forth to make sure it is fixed and safe;
5. Use the seat belt on the vehicle to fix the child safety seat;
6. Check whether the child safety seat is fixed properly before each use. If it becomes loose, follow steps 3 to 6 to re install.

Face back

Make sure to use your child safety seat correctly according to the product manual. Through these steps, the rear facing child safety seats

using ISOFIX anchorages are installed on the rear outer seats:



1. Place the child safety seat on the seat;

2. It is fixed on the lower fixed point of ISOFIX through the connector of child safety seat (2);
3. Shorten the rigid connector to make the child safety seat firmly fixed; press the middle part of the child safety seat downward (3) and backward (4) with your hand to make it close to the cushion and back of the seat;
4. Before you put the child in, check the child safety seat; try to shake the child seat back and forth to make sure it is fixed and safe;

Safety device - seat, safety belt and auxiliary restraint device

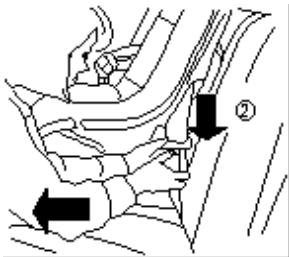
forth to make sure it is fixed and safe;

5. Use the seat belt on the vehicle to fix the child safety seat;
6. Check whether the child safety seat is fixed properly before each use. If it is loose, please re install it according to step 3.

Installation of child seat fixed with three-point belt

Installation on rear seat

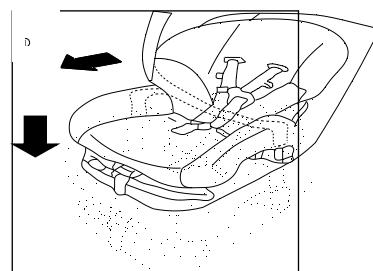
Face forward:



2. Insert the safety belt lock tongue through the child safety seat and insert it into the buckle (2) until the locking sound is felt and heard;

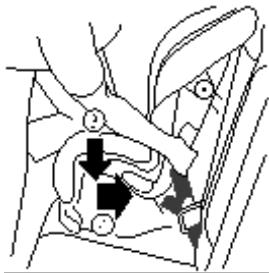
Make sure to use your child safety seat correctly according to the product manual. Through these steps, a three-point safety belt without automatic locking mode is used to install the front facing child safety seat on the rear seat:

1. Place the child safety seat on the seat (1) ;

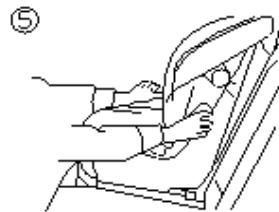


Safety device - seat, safety belt and auxiliary restraint device

3. In order to prevent the belt from loosening, it is necessary to tighten the safety belt properly through the locking device on the child safety seat;
4. Remove the excess slack after the safety belt is fixed; by pulling up the safety belt, press the middle part of the child safety seat downward (3) and backward (4) with your knee to make it close to the cushion and back of the seat;



5. Before you put the child in, check the child safety seat; 5. Try to shake the child seat back and forth to make sure it is fixed and safe;



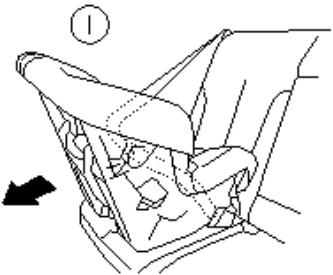
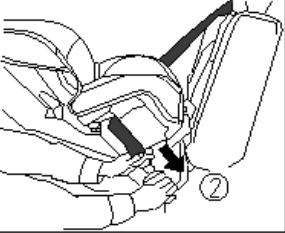
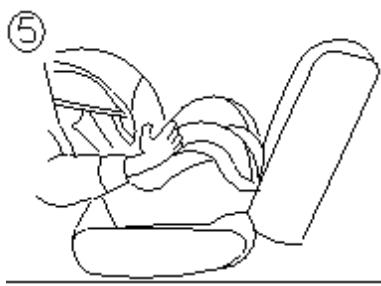
6. Check whether the child safety seat is fixed properly before each use. If it is loose, follow steps 3 to 5 to re install.

Face back:

Make sure to use your child safety seat correctly according to the product manual. Through these steps, the rear facing child safety seat is installed on the rear seat using a three-point seat belt without automatic locking mode:

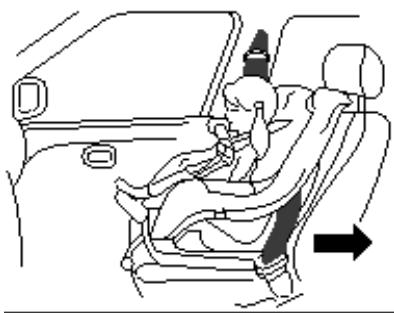
1. Place the child safety seat on the seat 

Safety device - seat, safety belt and auxiliary restraint device

- 
2. Insert the safety belt lock tongue through the child safety seat and then insert it into the buckle (2) until the locking sound is felt and heard;
- 
- 
3. In order to prevent the belt from loosening, it is necessary to tighten the safety belt properly through the locking device on the child safety seat;
4. By pulling up the safety belt, press the middle part of the child safety seat downward (3) and backward (4) with your hand to make it close to the cushion and back of the seat;
- 
5. Check whether the child safety seat is fixed properly before each use. If it is loose, follow steps 3 to 5 to re install.

Safety device - seat, safety belt and auxiliary restraint device

Installation on front seats

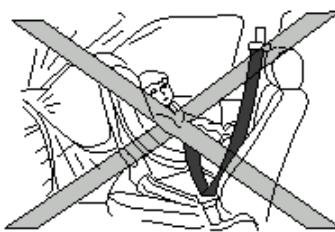


▲ warning

- If the front passenger seat is equipped with an effective air bag, it is not allowed to install a rear facing child safety seat on it. When the airbag explodes, the impact force is very large. When

an accident occurs, the child safety seat may be impacted, which will seriously hurt children, even endanger their lives.

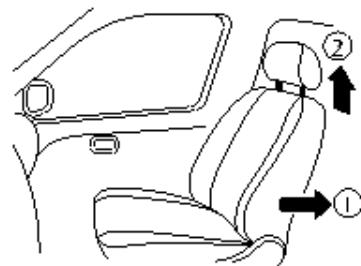
- Do not install the child safety seat with upper tension strap on the front seat.



- DFSK recommends installing child safety seats on the rear seats. However, if you have to

install the child safety seat in the passenger seat, please move the seat to the last position.

- The child safety seat used by



infants and young children must be rear facing, and if the front passenger seat is equipped with an effective air bag, the child safety seat cannot be installed on it.

Safety device - seat, safety belt and auxiliary restraint device

Face forward:

Make sure to use your child safety seat correctly according to the product manual. Through these steps, a three-point safety belt without automatic locking mode is used to install the front facing child safety seat on the passenger seat of the co driver

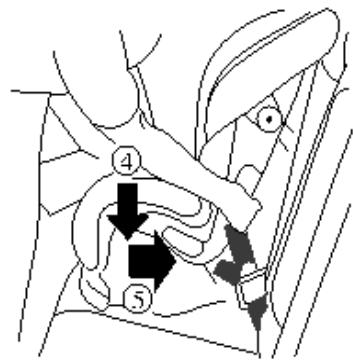
If your vehicle is not equipped with a co driver's air bag, install a front facing child safety seat on the front seat, as follows:

1. Move the seat to the last position;

2. Adjust the headrest to the highest position;
3. Install the child safety seat on the seat;



4. Insert the safety belt latch through the child safety seat and then insert the lock lock ③ until the locking sound is felt and heard;
5. In order to prevent the belt from loosening, it is necessary to tighten the safety belt properly through the locking device on the child safety seat;



6. Eliminate the excess slack after the safety belt is fixed: pull up the safety belt and press the

Safety device - seat, safety belt and auxiliary restraint device

middle part of the child safety seat with your knee downward

(4) and (5) backward to make it close to the cushion and back of the seat;

and forth to make sure it is fixed and safe;



7. Before you put the child in, check the child safety seat. 6. Try to shake the child seat back

Safety device - seat, safety belt and auxiliary restraint device

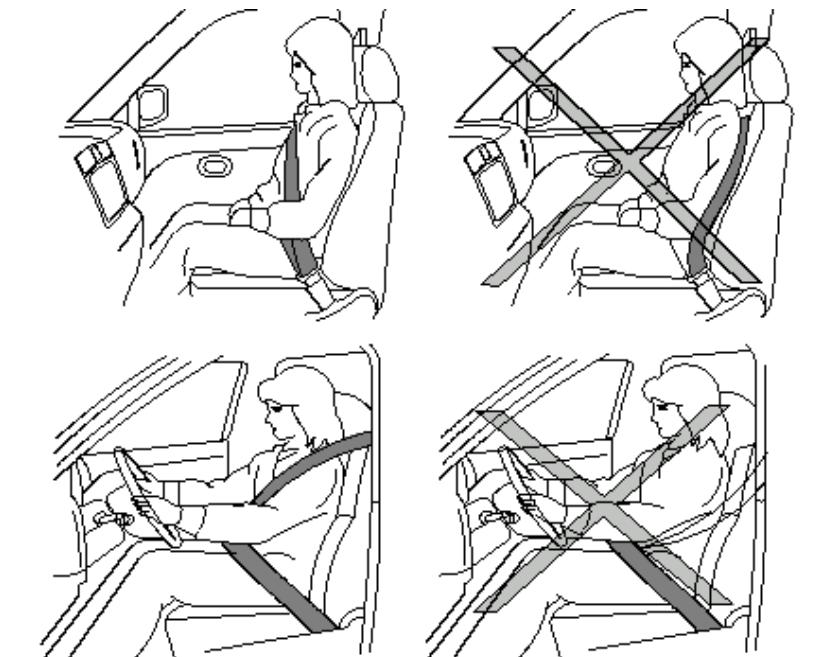
8. Check whether the child safety seat is fixed properly before each use. If it becomes loose, follow steps 3 to 7 to re install.

Notes on the use of supplementary restraint system (SRS)

The supplementary restraint system (SRS) section of this chapter provides important information on the front airbags and pre tensioned seat belts for the driver and co-driver passengers.

Auxiliary front impact airbag system:

In a frontal collision, the auxiliary front airbag expands,



Safety device - seat, safety belt and auxiliary restraint device

which helps to cushion the impact force on the head and chest of the driver and co pilot. SRS is designed to provide supplementary protection to the driver and co driver in case of collision, not to replace the protection function of safety belt. SRS can help save lives and reduce serious injuries. However, airbags can also cause bruises or other injuries; airbags can't protect shorter people; therefore, they must always wear their seat belts correctly; at the same time, passengers should keep a certain distance from the steering wheel and instrument panel (see the

"safety belt" chapter above for details). In order to protect the passengers, the airbag will expand rapidly. If the passenger is too close to or back to the airbag during expansion, it may be injured by the expansion force. The airbag will shrink rapidly after expansion.

Only when one key start is switched to "on" or "start" position, SRS is in working state. When one button start is switched to the "on" or "start" position, the srs airbag warning light will be on, and it will be off after about 3 seconds. This indicates that the system is in

operation (see "srs airbag warning lamp" section later).



warning

- When the vehicle is subject to side impact, rear impact, rollover or slight frontal impact, the auxiliary front airbag will not normally detonate. Always wear the safety belt to help reduce the harm or degree of injury in various accidents.

Safety device - seat, safety belt and auxiliary restraint device

● Seat belts and auxiliary front impact airbags work best when you are sitting with your back upright. If you and your passengers sit too casually, lean forward, recline or deviate from the correct position, there will be a greater risk of injury or death in case of collision. If you and your passengers collide head-on with the exploding airbag, you may also suffer serious or fatal injuries. Please stay close to your back and try to keep a proper distance from the steering wheel or instrument

panel, and always use the seat belt.



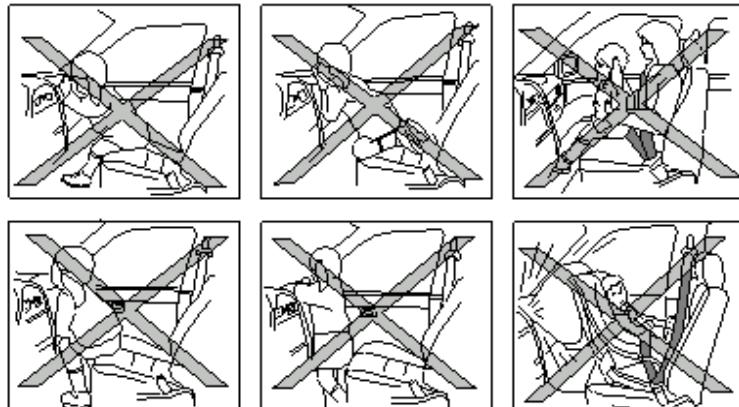
warning

● Children should not be allowed to ride at will and their heads and hands should not be out of the window. Don't leave the

baby in the

On the legs or in the arms. The figure above shows some examples of dangerous sitting positions while riding.

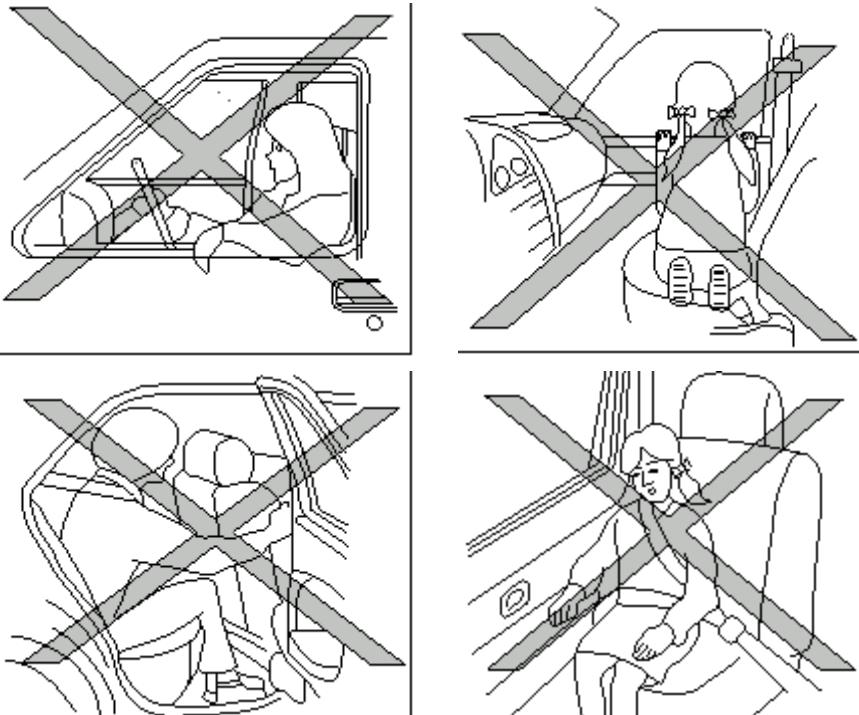
● If children do not take



Safety device - seat, safety belt and auxiliary restraint device

appropriate protective measures, when the auxiliary front airbag detonates and deploys, it will cause serious injury or even death to children. Children should sit in the rear seats as much as possible and take appropriate protective measures.

- It is not allowed to install rear facing child safety seats on the front seats. The explosion of airbags will cause serious injury to children and even endanger their lives (see the previous chapter "child safety seats").



Safety device - seat, safety belt and auxiliary restraint device



warning

- Wearing a seat belt at all times helps to reduce the risk or degree of injury in various accidents.
- No one is allowed to sit in the front seat with their hands out of the window or leaning against the door. The figure above shows some examples of dangerous sitting positions while riding.
- Special attention must be paid to children and appropriate

protective measures should be taken.

Srs airbag

The warning label (optional) is located on the front passenger side sun visor surface.

SRS assisted co driver's front airbag and front side airbag



warning

Do not install a rear facing child safety seat on the passenger side seat of the co driver. When the rear facing child safety seat is installed on the passenger seat of the co driver, if there is a collision accident, the

explosion of the air bag may cause serious injury to children.

In vehicles equipped with front impact airbags, rear facing child safety seats can only be installed on rear seats. "It is very dangerous to install rear facing child safety seats on seats with airbags in front of them!" When installing the child safety seat in your car, please follow the requirements of the product manual.

Please do not add seat cover on the front seat to avoid the side airbag can not pop out normally.

Safety device - seat, safety belt and auxiliary restraint device

For additional information, please refer to the previous "child safety seat" section.

Srs airbag warning light

The srs airbag warning light is displayed in the instrument to monitor the circuit condition of the auxiliary front airbag and the pretensioned seat belt system. The circuit monitored by srs airbag warning light is composed of fault diagnosis sensor unit, primary / secondary airbag module, Airbag ECU, front side airbag module and related circuits. When one button start is switched to the "on" or

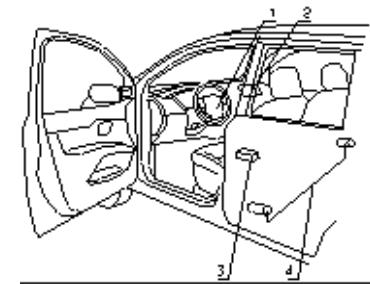
"start" position, the airbag warning light will be on, and it will be off after about 3S, indicating that the system is in working state.

If any of the following conditions occur, the airbag system needs to be repaired:

1. The srs airbag warning light still lights up after 3S;
2. Srs airbag warning light flashes in gap;
3. Srs airbag warning light doesn't work at all.

In these cases, the auxiliary front airbag system may not work properly. Please contact DFSK

authorized service outlets immediately for inspection and repair.



Assist front impact airbag module.

1. Driver airbag module;
2. Front passenger seat airbag module;
3. Driver knee airbag module.

Auxiliary side impact airbag module.

Safety device - seat, safety belt and auxiliary restraint device

- 1、Front side airbag;
- 2、Rear side airbag;
- 3、Side air curtain.

Auxiliary airbag system



warning

- There should be no obstacles in the explosion area of airbag.

Seats with front side airbags cannot be fitted with seat covers. Do not place anything on the steering wheel horn cover, instrument panel and front seat, or between the occupant and the steering wheel, instrument panel and front seat. When the auxiliary airbag explodes, these

items will become dangerous projectiles, causing personal injury.

- Once the airbag explodes, some airbag components will be very hot. Do not touch them, or you may get burned.
- Any component or circuit of the airbag system cannot be modified without authorization. This is to avoid accidental explosion of the airbag or damage to the airbag system. Without authorization, the electronic system, suspension system and the front combined quarter panel of the vehicle cannot be modified. This will affect the normal operation of the airbag system.
- Random modification of the airbag system may cause serious personal injury, including placing items on the steering wheel horn cover and instrument panel, or installing other decorative materials around the airbag system.
- Operation on or around the airbag system must be carried out by DFSK authorized service outlets. The circuit of srs airbag

Safety device - seat, safety belt and auxiliary restraint device

cannot be changed or disconnected at will. Do not use unauthorized electrical test instruments and detection equipment to detect the airbag system.

- The harness connector of srs airbag is easy to identify in yellow or orange.
- When the auxiliary airbag detonates, there will be a loud noise, and then smoke will be released. The smoke is harmless and will not cause a fire. But please be careful not to inhale it intentionally, as this kind of smoke may irritate and suffocate people. People affected by the smoke should breathe fresh air immediately.

Auxiliary front impact airbag system

The driver assisted front airbag is located in the center of the steering wheel, the driver assisted knee airbag module is located on the lower left cover plate of the steering wheel, and the passenger assisted front airbag is installed on the instrument panel above the toolbox. In design, when the vehicle is subjected to severe frontal impact, the auxiliary front airbag system will detonate. However, if the airbag is subjected to other types of impact force similar to the severe frontal impact force, the airbag may also detonate. In some specific frontal collisions, airbags may not detonate. Therefore, according to the damage condition of the vehicle, we can not get the conclusion whether the airbag works or not.

Auxiliary side impact airbag system

The auxiliary side impact airbag system consists of side airbag and side air curtain. The front side airbag is

Safety device - seat, safety belt and auxiliary restraint device

located outside the front seat, the rear side airbag is located outside the middle row seat, and the side air curtain is located inside the ceiling of a, B and C pillars. In design, when the vehicle is subjected to severe side impact, the auxiliary side airbag system will detonate. However, if the airbag is subjected to other types of impact force similar to the severe frontal impact force, the airbag may also detonate. In some specific side impact, the airbag may not detonate. Therefore, according to the damage condition of the vehicle, we can not

get the conclusion whether the airbag works or not.

Repair and replacement procedures



warning

- Once the airbag is detonated, the airbag module will not work again and must be replaced. The airbag module must be replaced by the service outlets authorized by DFSK, and the airbag module cannot be repaired after detonation.
- If the front of the vehicle is damaged in any form, all airbag systems must be inspected by

DFSK authorized service outlets.

- When your car is sold, we require you to inform the buyer of the function of the airbag system and explain the relevant parts of this manual to the buyer.
- When you need to scrap SRS airbags, pre tensioned seat belts or whole vehicle, please contact DFSK authorized service outlets. The correct scrapping procedure is detailed in DFSK service manual, and the wrong scrapping procedure may cause personal injury.

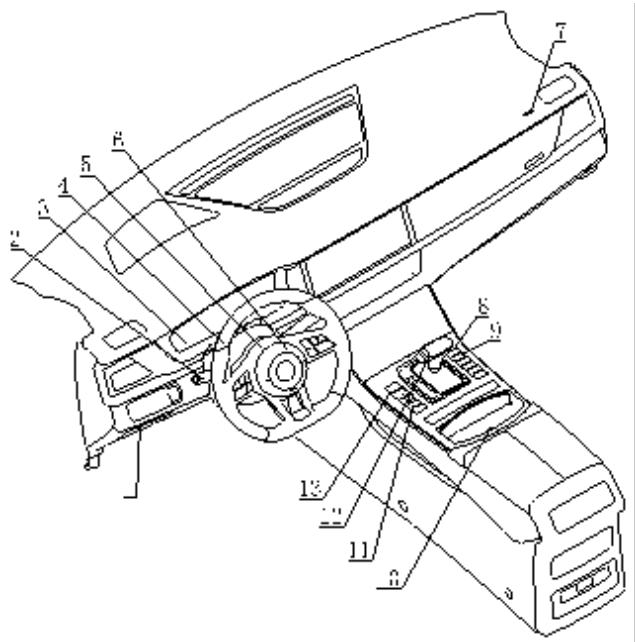
Safety device - seat, safety belt and auxiliary restraint device

- Airbags and pre tensioned safety belts are designed for one-time use. After the airbag explodes, as a warning, the airbag warning light will stay on if it is not damaged. Repair and replacement of airbag shall be carried out by DFSK authorized service outlets. When your car needs to be maintained, you should inform the maintenance personnel of the condition of the airbag system, the pre tensioned safety belt and related components. When carrying out engine compartment and vehicle interior maintenance, one key start must be switched to "ACC" position.

III.Instrument and control switch

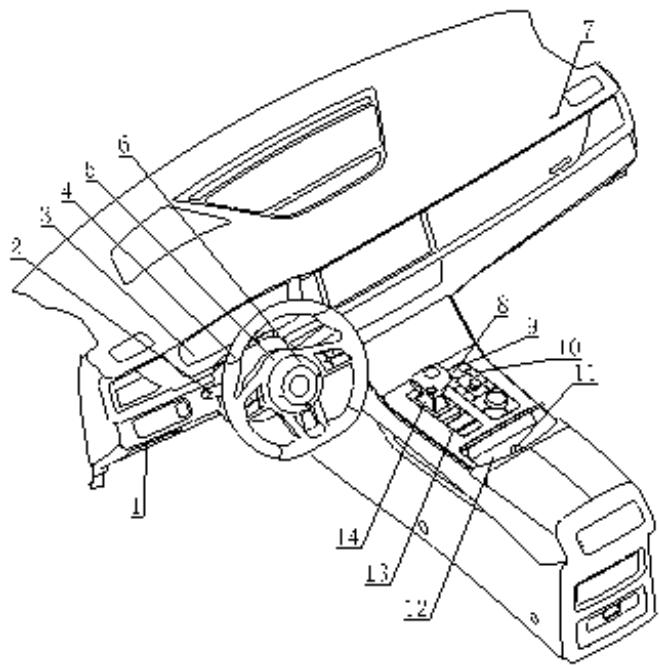
Cockpit

Mechanical automatic gear



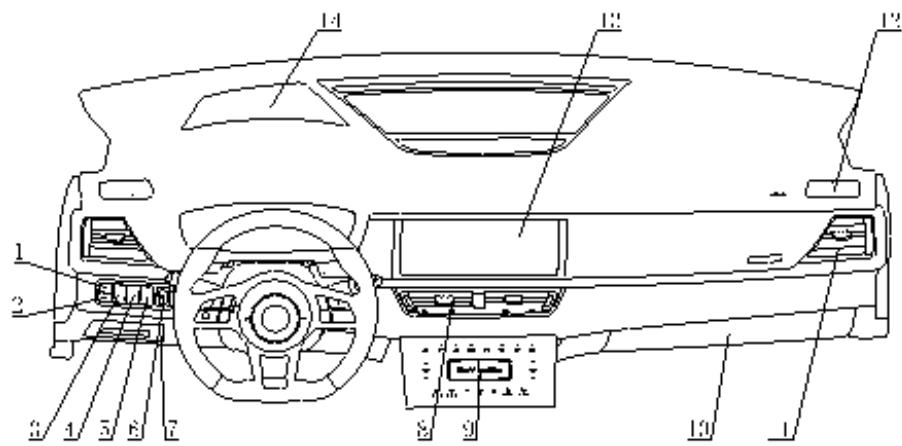
1. Manhole
2. Combination switch
3. Instrument cluster
4. Steering wheel
5. Electric power steering system
6. Electric horn button
7. Passenger airbag module
8. Two drive switch (2WD)
9. 4WD switch (4WD-Lock)
10. The cigarette lighter
11. Emergency switch
12. Automatic transmission control lever
13. Parking brake

Electronic shift lever



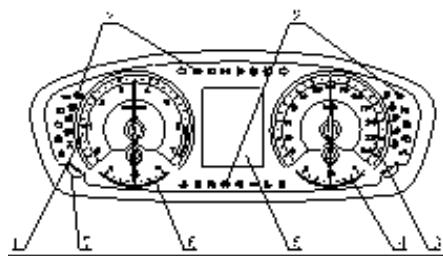
1. Manhole
2. Combination switch
3. Instrument cluster
4. Steering wheel
5. Electric power steering system
6. Electric horn button
7. Passenger airbag module
8. Emergency switch
9. Two drive switch (2WD)
10. 4WD switch (4WD-Lock)
11. The cigarette lighter
12. Ashtray
13. Parking brake (EPB)
14. Electronic shift lever

instrument panel



1. 360 °panoramic parking
2. Electric fuel tank cap switch
3. HUD height adjustment
4. HUD brightness adjustment
5. HUD interface switching
6. Follow up steering headlight
7. Manhole
8. Central air outlet
9. Air conditioning control panel
10. hold-all
11. Side air outlet
12. Side defrosting air outlet
13. MP5
14. Head up display (HUD)

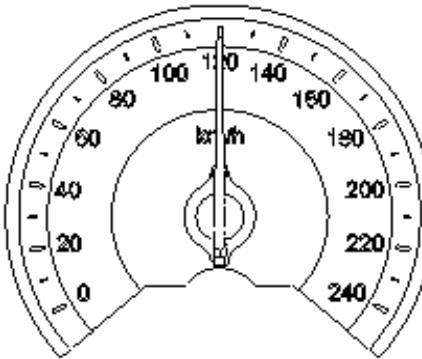
Combination instrument (common instrument)



1. Engine tachometer
2. Function indicator
3. Speedometer
4. Fuel gauge
5. Driving computer display screen
6. Water temperature gauge
7. Set / select button

Speedometer

The speedometer pointer (long needle) indicates the vehicle speed (km / h).



Set / select button



Set / select button operation:

Only the mechanical instrument has set / select button. On the left side of the instrument is the selection button. Short press the selection button in the first level menu to switch the interface circularly. In the second level menu, short press the selection button to select the corresponding function; on the right side, press the set button in the first level menu to enter the second level menu, and press the set button in the second level menu to select the corresponding functions.

Interface operation

Mechanical instruments and liquid crystal meters can switch each interface by short pressing the up / down button on the multi-functional steering wheel, and the mechanical instruments can switch each interface by short pressing the selection button on the left side of the instrument.

LCD display

LCD display includes average fuel consumption, tire pressure

alarm, mileage display, brightness adjustment prompt, etc.



LCD display tire pressure alarm



LCD display average fuel consumption



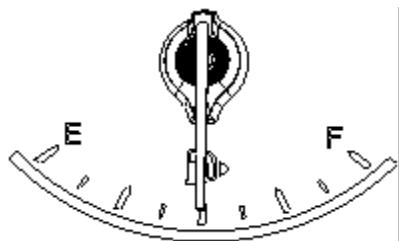
LCD display range prompt



LCD display brightness adjustment prompt

explain:

There are many instrument display interfaces, which are not listed completely here. The contents displayed are combined with indicator light and buzzer to reflect the current vehicle condition information!



Water temperature gauge

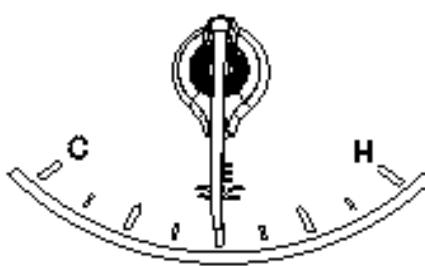
Shuiweng indicates the engine cooling water temperature. During

driving, the water temperature should be kept within the normal range.



look out

When the water temperature shows 7 or 8 bars, it means that the engine is overheated, and the engine should be stopped immediately for inspection.



Fuel gauge

When the fuel compartment is in the "F" position, it means that the fuel tank is full of fuel; when the fuel compartment is in the "e" position, it means that there is a small amount of fuel in the tank.

It is a normal phenomenon that the fuel in the fuel tank will fluctuate after parking, flat road or uphill and downhill road for a period of time, and the fuel tank may increase or decrease.

When the oil level in the tank is low, the low fuel indicator will flash.

Please refuel before the fuel gauge reaches the position (E).

explain:

 Which side of the fuel tank is next to the arrow symbol of the fuel tank.

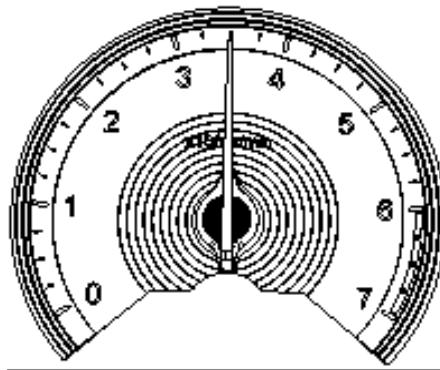
Odometer

ODO (accumulated mileage) shows the total distance the vehicle has traveled.

Trip shows the distance traveled in a single trip.

Engine tachometer

The tachometer needle is in rpm.



Combination instrument (full LCD instrument)



1. Engine tachometer	5. Outside temperature	9. Gear information
2. Time display	6. Speedometer	10. Total mileage
3. Function indicator	7. Fuel gauge	11. Coolant temperature
4. Information	8. Subtotal mileage	

Gear information

Display the current automatic transmission gear information (P, R, N, D, 1, 2, 3, 4, 5, 6, s).

Subtotal mileage

Display the mileage after vehicle reset

Driving mode

Display the current driving mode status of the vehicle

(ECO、SPORT、NORMAL)

*Represents that only some configuration models have this function

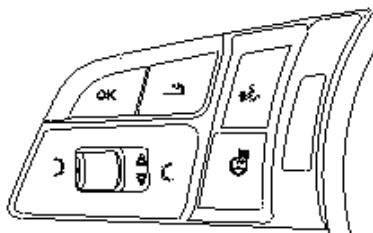
Warning and indicator lights

According to different vehicle configuration, the combination instrument configuration is different.

Information

When the one button start is in on position, the comprehensive

information display function can be selected, and the operation is as follows:



- 1 In the classic theme and science and technology theme interface, press the left and right buttons on the left side of the multi-functional steering wheel to switch the comprehensive information display items; in the passion theme interface, press the up and down buttons on the left side of the multi-functional steering wheel to switch the comprehensive information display items.
- 2 Press the OK key on the left side of the multifunction steering wheel to

confirm or long press OK to reset the driving time and average fuel consumption.

- 3 In the classic theme, science and technology theme interface, press the up and down button on the left side of the multi-functional steering wheel to switch the secondary interface; in the passion theme interface, press the right button on the left side of the multi-functional steering wheel, move the cursor to the right, and then press the up and down keys to switch the secondary interface. In the secondary interface, press the left button, and the cursor moves to the left.
- 4 Press the return key on the left side of the multifunction steering wheel to return to the second and third level menus from the third and fourth level menus.

Schematic diagram of instrument mode:

Classic mode:



Passion mode:



Science and technology mode:



Comprehensive information provides the following information:

- Trip computer
- Fault information
- set up
- Navigation



Trip computer

The trip computer includes the following information:

- Driving time: display the time of single driving, and it will be reset automatically after 20 minutes of power off of the instrument; it can also be reset by long pressing the OK key on the left side of the multi-functional steering wheel.
- Average fuel consumption: it shows the fuel consumption of 100km under the current driving state.
- Range: this function automatically calculates and displays the mileage that the vehicle can drive before the fuel tank is empty, and the mileage will change accordingly after refueling.
- Tire pressure display: display the

current four tire pressure values.

- Constant speed cruise: when the constant speed cruise is on, the target speed of the constant speed cruise is displayed; when the active speed limit is on, the active speed limit speed is displayed; but when both are not turned on, the display "cruise condition is not satisfied".
- Auxiliary driving system: displays the working status of the current lane departure system and prompts the current vehicle to deviate from the lane line.

Fault information

Display the fault information of the current vehicle.

Setting (general instrument, full LCD Meter)

- Language setting: switch between Chinese and English.
- Subtotal mileage setting: trip a, trip B switching and clearing.
- Brightness setting: display the

- current brightness level.
- *Theme setting: switch the display style of the LCD instrument, with three theme styles: classic, passion and technology.
- Overspeed alarm setting: Set the overspeed alarm value or turn off the overspeed alarm.
- Fatigue driving setting: set the fatigue driving time (2h, 3h, 4h) or turn off fatigue driving prompt.
- Unit setting: You can set the unit for switching temperature, pressure, mileage, and fuel consumption.
- Maintenance settings: You can set the maintenance mileage, check the remaining maintenance mileage, and reset the maintenance mileage.
Note: After each maintenance,

the maintenance mileage needs to be reset. The initial maintenance mileage reminder is for reference only. The specific maintenance time is subject to the maintenance manual.

*Navigation

To display navigation information from the MP5 host, you can press the down button on the left side of the multifunction steering wheel to switch to full-screen navigation, and press the up button to return to the small navigation interface.

*Multimedia

Display multimedia information from the entertainment host.

*Phonecall

Display the Bluetooth phone address book information from the entertainment host.

Head Up Display

Referred to as HUD. The driver can grasp most of the driving information of the car without looking down at the instrument cluster.

1. Turn on and turn off the head-up



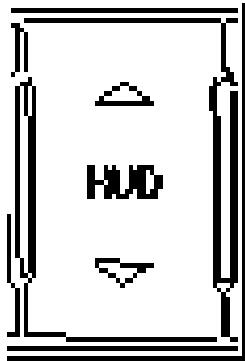
display

Head up display to enter My Car in MP5, click HUD to turn on or off the HUD display.

2. Key operation of the head-up display

Height adjustment, brightness adjustment and interface switching are carried out through hard switches. The hard switch is located on the dashboard on the front left of the driver.





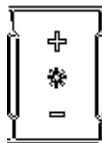
Height adjustment:

Press this switch to adjust the height of the displayed image. Press the upper arrow to increase the image position, and press the lower arrow to lower the image position. During the height adjustment process, a position bar will appear on the display image,

as shown in the orange part in the picture below.

Height adjustment is only effective when the HUD is turned on;

The initial default height position is ± 0 , with ± 30 grids that can be adjusted



(from +30 to -30, a total of 61 grids);

The position bar will continue to display for 5 seconds after the last operation, and then disappear (when the position is adjusted to the highest position, the position bar will disappear after 5 seconds, and then



adjust upwards, the position bar no longer appears; when the position is

adjusted to the lowest, the same applies);

Long press the switch for more than 1 second, the display image position will change continuously;

Brightness adjustment:

Brightness adjustment is only effective when the HUD is turned on;

The initial default brightness position is ± 0 , and there are ± 5 divisions that can be adjusted (from +5 to -5, a total of 11 divisions);

When the dimming control curve reaches ± 5 , the "dimming control bar" will disappear after 5 seconds and ignore the switch operation (that is, adjust it up at +5 or adjust it down at -5, and the dimming control bar will no longer appear);





Interface switching. Press the switch once to switch one interface, and the order of the interface to switch is cycled by speed interface-performance interface-multimedia interface-navigation interface.

Indicator light and sound prompt

Indicator light

	Turn signal/hazard indicator		High beam indicator		Parking status indicator
	Charging indicator		Low beam indicator		Engine start-stop indicator*
	EPS fault indicator		Low oil indicator		ABS fault indicator
	Brake fluid level warning lamp/EBD fault indicator		Low oil pressure indicator		High water temperature indicator
	Main driving seat belt indicator		Passenger seat belt signal light		Small light/position indicator
	Airbag warning indicator		Tire pressure abnormal indicator*		Engine fault indicator
	Front fog lamp		Rear fog lamp		Engine anti-theft indicator *
	ESC OFF indicator		Cruise control indicator*		ESC work/fault indicator
	Transmission fault indicator*		Parking radar indicator*		EPB fault indicator *
			Hill descent indicator		Auto Hold indicator

Instrument and control switches



Auto high and low beam switching indicator*



GPF indicator*



FCW fault indicator*



Auto Hold on indicator



ACC indicator*



FCW off indicator*



LKA indicator*



TJA/ICA system indicator*



AEB fault indicator*



LDWS indicator*



4WD lock indicator*



AEB off indicator*



Follow-up turn headlight off indicator*



4WD fault indicator*



Two-wheel drive indicator*

“*” means if configured

ABS fault indicator

After the one-key start is switched to the "ON" gear, the ABS fault indicator lights up and goes out after about 3 seconds, which indicates that the ABS system is working normally.

If the ABS failure indicator lights up when the engine is running or driving, it indicates that the ABS system is working abnormally.

Warning

If the indicator light ABS lights up while the engine is running or driving, it indicates that the ABS system is working abnormally. At this time, the braking system is in a dangerous working condition. Please slow down slowly until you stop and contact DFSK authorized service networks for inspection immediately.

Brake fluid level warning light/EBD fault indicator light

During driving, when the brake fluid position warning light/EBD fault indicator light is on, stop the car as quickly as possible, turn off the engine, and check the brake fluid level. If the brake fluid level is lower than the reserve At the lowest mark on the fluid tank, please add brake fluid as needed (see "Brake Fluid" in the chapter "Nine. Maintenance and What You Can Do"). If the brake fluid level is normal or the brake fluid is added, you should not continue driving until the brake system is checked and confirmed at the service networks authorized by DFSK.

Warning

Although you judge that the state of the car is safe, please use other vehicles to tow the car, because continuing to drive may be dangerous.

Stepping on the brake when the engine is stalled or the brake fluid is low will increase the braking distance and require greater pedaling force. You must not continue driving until DFSK authorized service networks have checked and confirmed the brake system.

Parking status indicator

Switch the one-key start to the "ON" gear. If the parking brake has not been released, the light will stay on. If the parking brake is released, the light will go out.

If the parking brake is not fully released, the parking status indicator will light up continuously. Before driving, please make sure that the parking status indicator is off. (Refer to "Parking Brake" in the chapter "Four. Inspection and Adjustment before Driving")



Charging indicator

When the one-key start is in the "ON" gear, the charging indicator light is on, and after the engine is started, the charging indicator light is off, which means that the charging system is working normally. While the engine is running or driving, when the charging indicator light is on, stop the car as quickly and safely as possible. Please turn off the engine and check the alternator drive belt. If the alternator belt is loose, broken or detached, you need to repair and charge. system. (Refer to "Drive Belt" in the "Nine. Maintenance and Operations You Can Do"). If the generator belt is normal, but the charging indicator is still on, immediately ask DFSK authorized service networks to check the charging system.



Low oil pressure indicator



Caution

When the low oil pressure indicator light is on, allowing the engine to continue to work will cause serious damage to the engine.

The low oil pressure indicator light cannot indicate the oil level. Please use the oil dipstick to check the oil level. (Refer to "Engine Oil" in Chapter "Nine. Maintenance and What You Can Do")



High water temperature indicator

When the one-key start is in the "ON" gear, the high water level indicator lights up and then goes out, which means that the high water temperature indicator is working normally.



Caution

During engine operation. If the high water temperature indicator light is always on, it means that the engine temperature may be too high. Stop the vehicle safely as quickly as possible.

If the vehicle is overheated, continuing to drive the vehicle will seriously damage the engine. (Refer to "Your engine is overheated" in the chapter "7. Emergency measures" for emergency treatment required)



Low oil indicator

When the one-key start is in the "ON" gear, the low fuel indicator light turns on and then goes out, indicating normal operation. When the fuel level in the fuel tank is low, the low fuel indicator flashes. If it is convenient, refuel as soon as possible, preferably before the fuel level indicator reaches the empty position (E).



Engine fault indicator

When the one-key start is switched to the "ON" gear, the fault indicator lights up, and then goes out after the engine starts, indicating that the engine can work normally.

When the engine is running, if the fault indicator lights up or flashes, it means that the engine may not be working properly and needs to be repaired. Please contact DFSK authorized service networks to check

the engine system and repair it immediately.

⚠ Warning

In order to reduce or avoid damage to the engine control system when the fault indicator is on or flashing, please:

Avoid driving at speed above 70km/h. Avoid sudden acceleration or deceleration.

Avoid driving on steep slopes.

Avoid loading or towing unnecessary loads.



⚠ Caution

Continuing to drive the car without proper maintenance of the engine control system will reduce the driveability and fuel economy of the engine, and even damage the engine control system, which may affect the vehicle warranty.



Main driving seat belt indicator

When the one-key start is in the ON and START gears, the indicator light will continue to light up before the driver's seat belt is fastened, and the indicator light will go out after tightening. (See "Safety belts" in the chapter "Second, safety devices-seats, seat belts and auxiliary restraint systems".)



Passenger seat belt indicator

When the one button start is in ON and START positions, the indicator light will be on when the front passenger's seat belt is not fastened and there is someone on the passenger's seat, and the indicator light will go out in other cases. (refer to "seat belts" in Chapter II. Safety devices - seats, seat belts and supplementary restraint systems.)

Note: if the safety belt of the driver and co driver is not fastened, the indicator light is always on when the speed is less than 10km / h, and

flashes when the speed is greater than or equal to 10km / h.

Airbag warning indicator

When the one-key start is in the "ON" or "START" gear, the auxiliary restraint system SRS airbag warning lamp lights up for 3s and then goes out. This means that the SRS airbag system is working properly. (Refer to "SRS airbag" in the chapter "Second, safety devices-seat, seat belt and auxiliary restraint system".)

EPS EPS fault indicator*

When the one-key start is in the "ON" gear, the electric power steering indicator lamp lights up for 2s and then goes out, which means that the electric power steering system is working normally.

If the electric power steering indicator lights up when the engine is running, it means that the electric power steering system may not be working properly and needs to be repaired. Please contact DFSK authorized service networks to check the power steering system and repair it.

If the electric power steering indicator lights up when the engine is running, the power steering system will lose its function, but you can still control the vehicle. At this time, operating the steering wheel requires a lot of force, especially when making sharp turns and driving at low speeds.

(Refer to "Electric Power Steering System" in the chapter "VI. Starting and Driving").

Abnormal tire pressure indicator

When the tire pressure is abnormal or the sensor fails, the indicator light will light up or flash, and the LCD screen will flash corresponding to the tire text. When the abnormal tire pressure indicator lights up during driving, stop the car safely as quickly as possible. If you find that the tires are quickly flat or flat, please refer to Chapter 7 "Tire Pressure Flat" operation or immediately contact DFSK authorized service networks for inspection.

Electronic handbrake fault indicator

When the EPB (electronic parking brake) system fails, the EPB system is in a dangerous working condition. Please slow down slowly

until you stop and immediately contact DFSK authorized service networks for inspection. (Refer to "Parking Brake" in the "Four. Inspection and Adjustment Before Driving").



Transmission fault indicator*

When the gearbox fault indicator lights up, it means that the gearbox system is malfunctioning and the gearbox system is in a dangerous working condition. Please slow down slowly until you stop and immediately contact DFSK authorized service networks for inspection.



ESC work/fault indicator

When the ESC system is normal and not working, the indicator light is off; when the ESC system is working normally, the indicator light flashes; when the ESC system fails, the indicator light is always on. (See the operating instructions for details, refer to the ESC operation of the chassis)

When the ESC system fails, the ESC system is in a dangerous working condition. Please slow down slowly until you stop and immediately contact DFSK authorized service networks for inspection.



ESC function off indicator

When manually pressing the ESC OFF switch to turn off the ESC function, this indicator light is always on.



Caution

When the ESC OFF switch is continuously pressed for more than 10s, the system considers that there is a foreign object pressing on the switch, and the ESC OFF switch will be inhibited. The switch will not return to normal until the next ignition cycle. When the vehicle speed is higher than 80km/h, to ensure driving safety, the ESC function will be automatically turned on and cannot be turned off manually.



Front fog lamp

When the front fog lamp is on, this indicator light is on. (See "Fog Lamp Switch" later in this chapter)



High beam indicator

When the high beam is turned on, this indicator lights up. When the low beam is used, this indicator is off. (Refer to "Headlamp and Turn Signal Switch" described later in this chapter)



Low beam indicator

When the low beam is turned on, this indicator light is on. When the high beam is used, this indicator is off.



Rear fog lamp

When the rear fog lamp is turned on, this indicator lights up. (See "Fog Lamp Switch" later in this chapter)



Turn signal/hazard indicator

When the turn signal light switch is pulled or the hazard warning light switch is pressed, this indicator light flashes. (Refer to "Headlamp and Turn Signal Light Switch" or "Hazard Indicator Flash Switch" described later in this chapter)



Small light/position indicator

When the small light switch is turned on, this indicator light is on.



Auto Hold on indicator

Autohold function on and off prompt

Every time the vehicle is ignited or powered on, the main driving door is closed and the seat belt is fastened. The driver presses the AOTUHOLD switch ($100\text{ms} < S < 10\text{s}$). This indicator light is always on (green) to indicate that the function is turned on. Press AOTUHOLD again. Switch ($100\text{ms} < S < 10\text{s}$), the indicator light is off, indicating that the AOTUHOLD

function is off; after turning off the ignition, the AOTUHOLD function will record the state before the engine is turned off.



Auto Hold work indicator

When the Auto Hold start indicator light is on, step on the brake pedal to stop the vehicle, Auto Hold will work, and the Auto Hold work indicator light will light up.



Follow-up turn headlight off indicator *

When the adaptive headlight switch is turned off, this indicator light is on.



Two-wheel drive indicator *

Press the 2WD switch to switch to the two-wheel drive mode, the indicator light is always on, press the 2WD switch again, the indicator light is off.



4WD lock indicator *

Press the 4WD-LOCK switch to switch to the four-wheel drive lock mode, the indicator light is always on, press the 4WD-LOCK switch again, the indicator light is off.



Note

- The intelligent four-wheel drive mode is the system default mode, and there is no indicator light in this mode



Cruise control indicator *

When the vehicle is in cruise mode, this indicator light is on. See "Cruise Control" described later in this chapter



Parking radar indicator *

When the radar is working, the radar working indicator lights up.



Hill descent indicator

Press the Hill descent button, the Hill descent indicator is always on, and when the Hill descent intervenes, the indicator on the instrument will flash.

Engine start and stop indicator*

When the automatic start-stop system is enabled, a green icon is displayed, and when the automatic start-stop system is disabled, a gray icon is displayed.

When the automatic start-stop system is not available, this icon is displayed..

Engine anti-theft indicator*

When the one-key start is in the "ON" gear, the engine anti-theft indicator lights up and then goes out. This means that the engine anti-theft is normal.



Lane departure system indicator*

When the lane departure indicator turns white, it means that the system is currently in the ready state, the indicator turns green to indicate that the system is working, and the indicator turns yellow to indicate that the system is in a fault state.



Front collision warning fault indicator*

The front collision warning indicator light is always yellow to indicate a malfunction.



Front collision warning off indicator*

The front collision warning off indicator light is on to indicate that the forward collision warning function is off.



Automatic emergency brake failure indicator*

When the automatic emergency braking function indicator light is always yellow, it indicates a malfunction.



Automatic emergency brake shutdown indicator *

The automatic emergency braking function off indicator light is on to indicate that the automatic emergency braking function is off.



Four-wheel drive fault indicator *

When the four-wheel drive failure indicator lights up, it indicates that the four-wheel drive system has failed, and the four-wheel drive system is in a dangerous working condition. To protect the parts of the four-wheel drive system and other auto parts from damage, please slow

down slowly until you stop, and immediately contact DFSK authorized service networks for inspection or repair. (See "Four-wheel drive system" in the chapter "VI. Starting and Driving")



GPF indicator *

Gasoline vehicle particulate filter (GPF) detection, when the emission particles exceed the standard, the GPF indicator lights up yellow; when the emissions exceed the standard seriously and affect driving, the GPF indicator lights up red.



Automatic high and low beam switch indicator *

When the one-key start is in the "ON" gear, the automatic far and low beam switch indicator lights up and then goes out. This indicates that the high beam assist system is normal.

The automatic high and low beam switch indicator light is always yellow to indicate a malfunction, and the light is green to indicate that the function is working normally.



Adaptive cruise indicator*

This light is lit and displayed as white, indicating that the ACC system

has been turned on and is in the ready state; this light is lit and displayed as green, indicating that the ACC system has been turned on and the cruise speed has been successfully set. This light is lit and displayed in yellow, indicating a malfunction.



Lane keeping system indicator *

When the lane keeping assist indicator turns white, it indicates that the system is currently in a ready state, this light turns green to indicate that the system is working, and this light turns yellow to indicate that the system is in a fault state.



TJA/ICA system indicator

When the TJA/ICA system indicator light turns to white, it means the TJA/ICA system is turned on and not activated. When the TJA/ICA system indicator light turns to green, it means the TJA/ICA system is activated. When the TJA/ICA system

indicator light changes to Blue and steady light means active takeover status. When the TJA/ICA system indicator turns yellow and steady light, it means the TJA system is faulty; when a red icon appears with a text prompt "please hold the steering wheel", it means the hands-off warning state; when it appears red The icon has a text prompt "please take over the vehicle immediately", accompanied by a sound alarm, indicating a takeover warning state.

Voice prompt

Alarm when the light is not off

When the one-key start is in the OFF position and the door is opened at this time, the buzzer will sound an alarm to remind the driver to turn off the small light switch. After 60s or turn off the small light, the alarm sound will stop immediately.

No seat belt alarm

When the one-key start is in the "ON gear" (regardless of whether the engine is started or not), and the vehicle speed is less than (10±2) km/h, if the seat belt is not fastened, the seat belt warning indicator is always on and the buzzer is not Call the police.

When the vehicle speed is greater than 10km/h and the seat belt is not fastened, the seat belt warning indicator will keep flashing, and the buzzer will stop after beeping for 90 seconds. During the flashing and buzzing, if the seat belt is fastened, the buzzing will stop and the indicator will go out.

The door is not closed alarm (LCD display)

When the door is not closed or in a half-closed state, the LCD screen door opening interface on the instrument will remind the driver that the door is not closed when the speed is greater than 10km/s.

Anti-collision radar system

This car is equipped with an anti-collision radar system, which works with the panoramic parking system.



After the vehicle is started, the front radar is turned on by default and can be turned off manually by a switch; the rear radar is turned on when the rear radar is in reverse gear.

The farthest detection distance of the rear probe is 1.2m, and the farthest detection distance of the front probe is 1m. When the distance between the rear object and the vehicle is less than 1.2m or the distance between the front object and the vehicle is less than 1m, the system will emit an anti-collision sound Prompt, the smaller the distance, the higher the prompt audio frequency.

Reversing radar alarm

Depending on the distance between the reversing radar and the obstacle detection, the meter will emit different frequencies of alarm sound.

Steering and hazard warning

When the turn signal light switch is pulled or the hazard warning light switch is pressed, the meter beeps.

Handbrake not released alarm

When the vehicle speed is greater than 5km/s, and the handbrake (mechanical handbrake/electronic handbrake) is not put down or not completely put down, the instrument buzzer alarms until the handbrake is put down.

Warning when the key is not in the car

In the ON and START gears, the instrument buzzes when the remote control key is not in the car.

Tire pressure monitoring system

Your vehicle is equipped with a tire pressure monitoring system.

Caution: Any modification of the tire pressure monitoring system (TPMS) by anyone other than the authorized maintenance organization may make the system invalid and unusable.

The Tire Pressure Monitoring System (TPMS) uses radio and sensor technology to detect tire pressure levels.

Every month, check whether the pressure of each tire, including the spare tire, reaches the cold inflation pressure recommended by the vehicle manufacturer on the tire pressure label. (If your vehicle is equipped with different tire specifications from the tire pressure label, you also need to determine the pressure value of these tires). When the pressure of one or more tires drops significantly, the system will light up the TPMS

warning light. Therefore, when the TPMS warning light is on, you should stop and check the tires as soon as possible and restore them to the correct pressure. Driving under extremely low tire pressure can cause the tire to overheat and cause tire failure. Too low tire pressure will also reduce fuel economy and tread life, and may affect vehicle handling and braking performance.



Caution

- The tire pressure monitoring system cannot replace proper tire maintenance. The driver is responsible for maintaining the correct tire pressure.
- The vehicle is equipped with a TPMS fault indicator. When the system detects a fault, the warning light will light up or flash, and the trip computer will display the corresponding tire pressure value. As long as the fault exists, after the vehicle is

- restarted, the TPMS fault indicator remains in the state before the flameout.
- After the fault indicator lights up or the instrument trip computer does not display the corresponding tire pressure value, the system may not be able to detect low tire pressure or send low tire pressure signals as usual. TPMS failures can be caused by various reasons, including the installation of replacement or spare tires or wheels on the vehicle, which hinders the normal operation of the TPMS system. After replacing one or more tires or wheels of the vehicle, be sure to check the TPMS failure indicator to ensure that the replacement or spare tire and wheel can allow the TPMS to continue to work normally. For more information, see "Operation

of Tire Pressure Monitoring System".

- The vehicle may be equipped with a tire pressure monitoring system (TPMS). TPMS can warn the driver when the tire pressure is abnormal (air pressure is lower than 1.8 Bar or tire pressure is higher than 3.0 Bar).
-  **Warning**
 - Not all tire sealing materials are the same. Unapproved tire sealants may damage the TPMS sensor. Damage to the TPMS sensor caused by using incorrect tire sealant is not covered by the vehicle warranty.
 - The conditions for the TPMS fault indicator and information, which cause the fault indicator to light up and display information on the instrument trip computer are as follows:
 - A road tire was replaced with a spare tire. The spare tire does not have

a TPMS sensor. After replacing the road tires and successfully completing the sensor matching process, the fault indicator light should go out.

- After tire rotation, the TPMS sensor matching is not performed or the matching process is unsuccessful. After successfully completing the sensor matching process, the fault indicator light should go out.
- One or more TPMS sensors are invalid or damaged. After installing the TPMS sensor and successfully completing the matching process, the fault indicator light should go out.
- The replaced tire or wheel does not match the original tire or wheel. Using non-recommended tires and wheels may hinder the normal operation of the TPMS.
- The use of electronic equipment or nearby facilities that use radio frequency similar to TPMS may cause the TPMS sensor to malfunction.

Note: For TPMS sensor matching, please be sure to seek help from the after-sales service center of DFSK.

If the TPMS fails to work normally, it will not be able to detect or signal abnormal tire pressure. If the TPMS fault indicator lights up and continues, please contact the service center of DFSK for repair.

Each TPMS sensor has a unique identification code. After the vehicle tire is rotated or one or more TPMS sensors are replaced, the identification code needs to be matched with the new tire and wheel position. After replacing the spare tire with a road tire with a TPMS sensor, a TPMS sensor matching process is also required.

Cruise switch Cruise control combination switch



RES+: restore constant speed cruise control/acceleration;

SET-: Activate cruise control/deceleration at constant speed;

LIM: Active speed limit switch;

ON/OFF: Turn on and off the cruise control.

Adaptive cruise combination switch



RES+: Restore adaptive cruise control/acceleration;

SET-: Activate adaptive cruise control/deceleration;

OFF: Turn off adaptive cruise;

CANCEL: Cancel the adaptive cruise system;

ON: Turn on adaptive cruise;

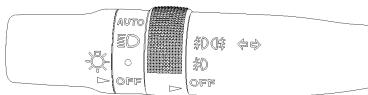
HEADWAY: Set the headway time.

Light combination switch

The light combination switch controls position lights, headlights, far and low beams, front and rear fog lights and turn signals; the position lights and headlight switches are divided into three gears: "OFF" gear, automatic gear " ", position light " " gear and headlight " " gear. The turn signal switch is divided into five gears: left steering gear, left lane changing gear, OFF gear, right lane changing gear, and right steering gear. The far and low beams are divided into three gears: "OFF" gear,

overtaking gear, and far and near beam switching gear.

Automatic gear, position light, headlight switch



When in the "OFF" gear position, neither the position lamp nor the headlamp is on;

When the switch is rotated to the "AUTO" position, the position lights and headlights will automatically turn on or off according to the intensity of the outside light.

When the switch is rotated to the position light "OFF" position, the front and rear position lights and the background lights of the indoor electrical appliances will light up; when in the ON position, the

combination meter backlight and the radio backlight will automatically dim, and the others will light up normally; When the switch is rotated to the "OFF" position of the headlamp, the low beam headlamp lights up. The handle has three positions along the vertical direction of the steering wheel: up (overtaking gear), middle (low beam gear), and down (high beam gear). Gently lift the light switch upwards to the overtaking gear, the high beam lights are on to realize the overtaking function; press down the light switch to the high beam gear, and the far and low beams light up.

Turn signal light switch Lane change light switch

Turn the switch to the right lane change position, the right turn indicator and the right turn indicator in the front and rear lamps flash 5 times, and the right turn indicator of the instrument flashes 5 times at a certain frequency, the switch automatically

returns; the switch turns to the left to change lanes. At the gear position, the left and right turn signals and the left turn lights in the front and rear lamps flash 5 times, and the left turn indicator light of the instrument flashes 5 times at a certain frequency, and the switch automatically returns.

Turn signal switch

Turn the switch to the right steering gear position, the right turn signal and the right turn signal will light up, and the right turn indicator of the instrument will light up and flash at a certain frequency; at this time, turn the switch handle to the middle position, and the right turn signal will go out. ; Similarly, when the switch is set to the left steering gear position, the left turn signal and the left turn signal will light up, and the left turn indicator light of the instrument will light up and flash at a certain frequency. When the handle is in the left (right) steering position, if the

steering wheel rotates back to a certain angle in the reverse direction, the steering switch can automatically return to the middle position, and all the steering lights are off at this time.

Follow me home function

After parking, turn the car's power position to OFF, toggle the passing light switch twice within 2 seconds, turn off the high and low beams with a delay of 30 seconds, toggle the passing light switch 3 times within 2 seconds, and turn off the high and low beams with a delay of 60 seconds, Toggle the overtaking light switch 4 times within 2 seconds, and the far and low beams are turned off after 90 seconds. After the car is locked, the function is released after receiving the RKE/PEPS remote control unlocking request and then remote locking request.

Front and rear fog light switch

When the ignition gear is in the ON position, the front fog lamp configuration is valid, and the small lamp is on, turn the fog lamp switch to the front (rear) fog lamp position, the front (rear) fog lamp is on, and turn it back to OFF Gear, turn off the front and rear fog lights.

Headlamp height adjustment control

When the one-key start is in the "ON" gear and the headlights are on, the height of the low beam optical axis of the headlights can be adjusted according to the user's driving habits. The higher the number on the switch,



the lower the low beam axis of the headlights.



Caution

When the engine does not work for a long time, do not turn on the lights to avoid running out of battery power.

Follow-up steering

When the one-key start is in the "ON" gear and the low beam is on, you can according to the user's driving habits press the "AFS OFF" button to turn off the "AFS" follow-up steering function. When press again the "AFS OFF" button you can turn on the "AFS" follow-up steering function. Follow-up steering can continuously adjust the headlights dynamically according to the steering wheel angle, front and rear axle height difference and driving speed, adapt to the current steering angle, and keep the light direction

consistent with the current driving direction of the car to ensure the best lighting for the road ahead , thereby significantly enhancing the safety of driving in the dark.



Wiper and washer switch



Warning

At freezing temperatures, the washing liquid may freeze on the windshield and affect your sight. Before cleaning the windshield, heat the windshield with a defroster.



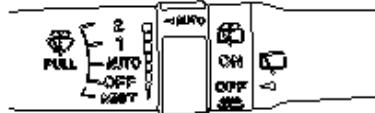
Caution

The continuous working time of the washing liquid should not exceed 30s.

If there is no washing liquid in the liquid storage tank of the window washer, please do not use the washer.

Windshield wipers and scrubbers

When the one-key start is in the "ON" position, the front windshield wiper and washer can only work.



Wiper operation

The shift lever "INT" will make the wiper work intermittently. The shift lever "AUTO" makes the wiper work automatically when the sensor detects rain, and adjust the squeegee speed according to the amount of rain (optional).

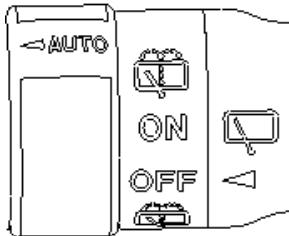
The shift lever "1" will make the wiper work at low speed.

The shift lever "2" will make the wiper work at high speed. Move the lever up to the "OFF" position can stop the wiper.

The shift lever "MIST" will make the wiper sweep once. Then the lever automatically returns to the original position.

If the operation of the windshield wiper is interrupted by snow or ice, the wiper will stop to protect the motor. If this happens, turn the wiper switch to the "OFF" position and remove the snow on and around the wiper arm Or ice, turn on the switch again to let the wiper work.

Scrubber operation



Rear window wiper and washer switch.

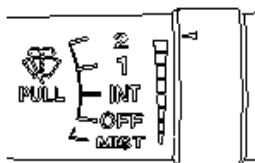
To operate the washer, move the wiper combination switch handle upwards until the required amount of washer fluid is sprayed on the windshield. Then the wiper will automatically work several times.

When the one-key start is in the "ON" position, turn the wiper handle of the combination switch to ON, and the rear wiper motor starts to work; turn the wiper handle of the combination switch to the "  " position, the wiper motor and the washing motor work simultaneously.

position, the wiper motor and the washing motor work simultaneously.

If the operation of the rear window wiper is interrupted due to snow or ice, the wiper will stop operating to protect the motor. If this happens, turn the wiper switch to the "OFF" position and remove the snow or the surrounding wiper arm. Ice, turn on the switch again to let the wiper work.

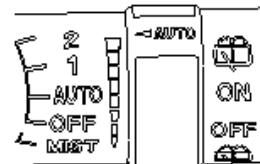
Intermittently time



Adjust the shift lever to "INT" to make the wiper work intermittently. The interval time has five gears, which can be adjusted by rotating the knob on the lever. You can refer to the scale bar next to it to observe the current intermittent time scale. When the scale

bar changes from narrow to wide, it means that the wiper interval time is from slow to fast. (The interval time is 10, 8, 6, 4, 2 seconds from slow to fast)

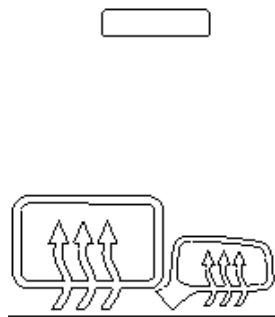
Sensitivity switch



When adjusting the shift lever to the "AUTO" position, you can adjust the sensitivity of the wiper system to sense rain by rotating the automatic wiper sensitivity adjustment knob on the lever. The sensitivity has five gears, which can be adjusted by rotating the knob on the lever. You can refer to the side scale bar to observe the current sensitivity level. When the scale bar changes from narrow to wide, it means

that the sensitivity of the wiper system to the rain bucket is from high to low.

Rear windshield defrost switch (optional equipment)



When the one-key start is in the "ON" gear, the defroster switch (optional equipment) can be operated. The defroster is used to heat the exterior mirrors and reduce moisture, fog and frost on the surface of the rear window to improve the rear vision.

When the defroster switch is pressed, the indicator light is on, the exterior mirror heating function is turned on, and the rear window defroster works. The rear window defroster works for about 14 minutes. After 14 minutes, please press the defroster switch again to turn off the defroster.

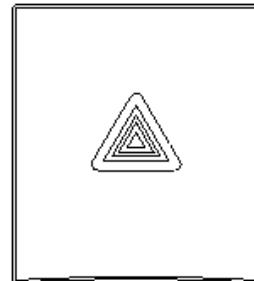


Caution

When cleaning the inside of the car window, be careful not to scratch or damage the wire on the surface of the car window.

Hazard warning flashlight switch

Hazard warning lights can warn other drivers when you stop and park in an emergency. When the hazard warning indicator switch is pressed, all the turn signal lights will flash. To turn off the hazard warning indicator, please press the hazard warning indicator switch again.



Shift lever type electronic shift
Electric horn button
Elite version/Luxury version



Instrument and control switches

When the horn button on the steering wheel is pressed, the horn will sound. Loosen the horn switch to stop the sound of the horn.

The multifunctional steering wheel is connected with the steering column through splines, and when the steering wheel is turned, the steering column is driven to control the forward direction of the vehicle. There are many buttons embedded on the steering wheel, the button background light is white (the heating button background light is amber), and the button is connected with the multimedia controller to realize radio tuning, volume addition and subtraction, mode switching, and dialing functions:

⟨ : Short press, last song (MP5 status)/search frequency reduction (radio status); long press, fast rewind (radio status);

⟩ : Short press, next song (MP5 state)/search frequency plus (radio

state); long press, fast forward (radio state);

VOL+: Toggle the button to move the volume up;

VOL -: Toggle the button down to decrease the volume;

 : Click to mute/click again to unmute;

 : In the state of connecting with the mobile phone's Bluetooth, when there is an incoming call, press to answer the call; when the call is finished, press to hang up;

 : The content of the instrument menu can be selected up and down, which can be realized by dialing up and down;

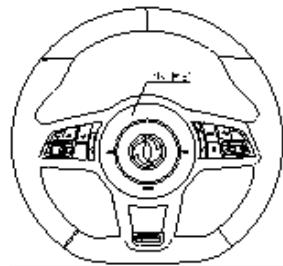
 : Short press, the LCD instrument menu content is selected to the left.

 : Short press, the LCD instrument menu content is selected to the right.

 : LCD instrument menu return key;

OK : LCD instrument menu OK button

MODE : Press this button to switch the mode, the switching sequence is radio,

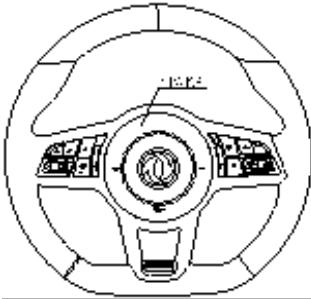


USB music, Bluetooth music (cyclic switching); if the USB device or Bluetooth is not connected, the system will automatically maintain the current interface when switching.

Noble version/extreme version

Compared with the elite version/Luxury version, the voice recognition button is added:

 : When the Bluetooth of the non-mobile phone is connected and in ACC or ON, press the button to wake up the voice assistant.



Flagship version

Compared with the noble version, the steering wheel heating function button is added:

 : When the one-key start is in the "ON" position, press the button and the steering wheel will start to heat up;

Window Electric windows



Warning

Do not let children or adults who need other people's care to stay in the car alone. They may inadvertently

touch switches and control devices, causing accidents.

When using the electric window control switch, it may cause personal injury, especially children's hands, head and other parts. Therefore, you can only close the window if you are sure that there is nothing in the window.

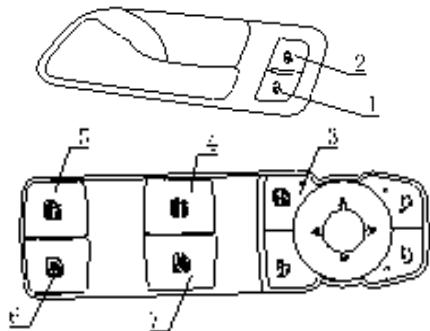
Before getting off the car, be sure to take the key away to prevent children from being injured by playing with the electric switch.

When the electric window is opened and closed, the switch should be released, otherwise the power window system may be damaged.

When one-key start is in the "ON" gear or within 60s after switching to a non-"ON" gear, the power window switch can be operated to control the window glass lift; after 60s, the power window switch cannot continue to control the window lift.

To open the window, press down the power window switch. To close the windows, pull up the power window switch.

Electric window switch of driving position :



Switch 1: Central control lock unlock switch.
When the door is closed, press the switch to open the four-door lock.

Switch 2: Central control lock lock switch.

When the door is closed, press the switch to close the four-door lock.
Switch 3: Window lift lock switch.

Press the button to turn on the window lift lock function, its work indicator (yellow) will light up, the window lift switches on the other three doors will not work, and the glass lift switches on the other three doors in the driving position will not be affected; again; Press the button once to release the glass lift lock function, and the glass lift switch functions on the remaining three doors will resume.

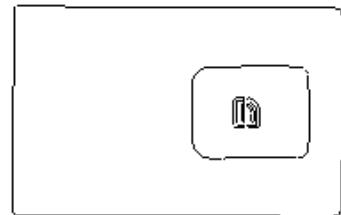
Switch 4: Left front door window lift switch.

Switch 5: Left rear door window lift switch.

Switch 6: Right rear door window lift switch.

Switch 7: Right front door window lift switch.

Passenger position electric window switch:



The right front door, right rear door, and left rear door are all equipped with independent window lift switches. When the window lock switch of the left front door is not pressed, press the switch downwards, the window will drop, and stop when you release it; pull the switch upwards, the window will rise, and release it to stop.

Window lift mode

There are four working modes for the window lift with anti-pinch function:

Manual up: When the switch is pulled up to the manual position, the corresponding window glass will perform an uplifting action, and it will stop when released;

Manual lowering: When the switch is pressed down to the manual gear position, the corresponding window glass performs the lowering action, and it stops when it is released;

Auto-up: When the switch is pulled up to the automatic gear position, the corresponding window glass will perform an automatic rising action, and the window glass will automatically rise to the top position;

Automatic lowering: When the switch is pressed down to the automatic gear position, the corresponding window glass performs an automatic lowering action, and the window glass automatically lowers to the bottom position.

Window anti-pinching function

The anti-pinching function will be activated when the window glass encounters resistance during the ascent.

When the window glass encounters an obstacle during the ascent process, which causes the anti-pinching, the window glass will reverse. In some cases, the window anti-trapping system will enter the non-initialization mode, causing the window to only be raised manually, temporarily losing the automatic lifting function, and need to be restored to normal through the self-learning function. The system enters the non-initialization mode as follows:

① The glass is powered off for more than 24s during operation;

② Turn off the anti-pinching function through the diagnostic instrument;

③ The window position exceeds the initial learning position range;

④ The system loses power for more than 15s in the non-sleep state or more than 600s in the sleep state;

⑤ The system recognizes the wrong position signal of the window motor;

⑥ The same window is prevented from being pinched twice in a row.

Window self-learning function

When the anti-pinching function fails, the anti-pinching function can be restored through self-learning;

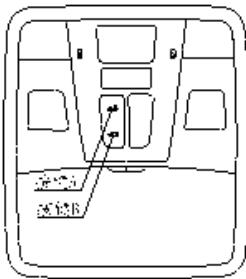
When the key is in the “ON” position, operate the left front (left rear/right front/right rear) window lift button to raise the window glass to the top and then release it, operate the lift button again to raise the window to the top rear and block the rotation for 2s, then manually lower the window to the bottom, and then manually raise the window to the top. The completion of the above actions means that the

left front (left rear/right front/right rear) window has been successfully learned;

Skylight

Panoramic skylight

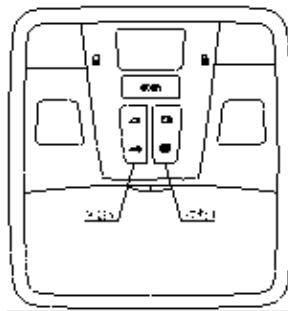
Button to control the opening and closing of the skylight



1. Button A controls the opening and closing of the panoramic skylight glass upturning and sliding. When the button duration is $\geq 500\text{ms}$, it is in manual mode; when the button duration is less than 500ms, it

is in automatic mode. Button B controls the opening and closing of the panoramic skylight roller blind. When the button duration is $\geq 500\text{ms}$, it is in manual mode; when the button duration is less than 500ms, it is in automatic mode.

2. Stop: When the skylight glass and wind-up curtain are running in automatic mode, press the corresponding open or close switch to stop the skylight



glass and wind-up curtain immediately.

Small skylight

1. The button A executes the built-in closing and tilting opening operations. When the button duration is less than 300ms, it is in manual mode; when the button duration is $\geq 300\text{ms}$, it is in automatic mode.
2. Button B executes the built-in opening and closing operations. When the button duration is less than 300ms, it is in manual mode; when the button duration is $\geq 300\text{ms}$, it is in automatic mode.
3. Stop: When the skylight is running in automatic mode, press any key A or B to stop the skylight immediately.
4. Close the sun visor: manually pull the sun visor from the

direction of the translation point to the direction of the closing point. (Note: If the skylight glass is opened, the opening range of the sun visor shall not be lower than the opening range of the skylight glass).

Open the sun visor: ①

Manually open: manually pull the sun visor from the closing point direction to the translation open point direction.

②Automatic opening: Open the sunroof glass by using button B. During the opening of the skylight glass, the sun visor will slide together to achieve the purpose of opening the sun visor.

5. Closing the anti-pinch:
①Closing and closing the anti-pinch: During the upturning and closing process,

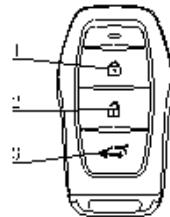
an anti-pinch event is detected in the area from the maximum upturning to the closed position, and the skylight will immediately begin to reverse.
②Built-in closing anti-pinch: During the sliding process, if an anti-pinch event is detected in the area 4mm-200mm from the closed position, the skylight will immediately begin to reverse.

Power-off delay operation: When the whole vehicle is ACC/ON→OFF, the sunroof can perform full-function operation (with anti-pinch function) within 60s.

Remote control key button

1. Set the skylight and key to open and close synchronously on MP5.
2. Long press the lock button (as shown in the serial number 1), the skylight will be closed, and

3. release the button to stop the skylight.
- Long press the unlock button (as shown in No. 2), the skylight will open, release the button and the skylight will stop working.



Voice control skylight

1. After the voice is activated, the voice input "open skylight", "close skylight" and "rise up skylight" can control the opening, closing and uplifting of skylight;
2. After the voice is activated, the voice input "open the sunshade" and "close the sunshade" can control the opening and closing of the sunshade.

Skylight closed anti-pinch

1. Lifting and closing anti-pinch: In the process of rising and closing, the anti-pinch event is detected in the area from the maximum lift to the closed position, and the sunroof will immediately begin to reverse.
2. Sliding to close the anti-pinch: During the sliding process, if an anti-pinch event is detected in the area 4mm-200mm from the closed position, the sunroof will immediately begin to reverse.

Skylight self-learning

1. During the self-learning process, it only needs to run to the edge of the anti-pinch area. This position is a parameter configurable position. The loss of any ECU initialization will cause another ECU to lose its initialization at the same time. The glass plate and wind-up curtain need to be re-initialized and self-learning.

2. The self-learning process for re-initialization of the small skylight is as follows:

Step 1: First let the skylight run to the fully closed position, and then operate the skylight glass panel switch close button and keep it.

Action 1: After 6 seconds, the skylight glass moves to the upturned position and then stops.

Step 2: Release the switch, the initialization exercise and self-learning exercise are over.

If the skylight is accidentally clamped and the sunroof is not closed tightly, perform initial maintenance.

The skylight has the function of recording the information of the skylight guide rail through the initialization action process, which is used to collect data for the anti-pinch function.

The skylight module is in an uninitialized state under the following conditions:

- ① Application failure (such as: ECU data error occurs)
- ② Assembly rail deformation caused by external force

The initialization information containing the skylight position information is stored in the ECU. Before the skylight controller sleeps normally, and at the moment of sudden power failure, the skylight position information will be written into the ECU. The initialization information will not be lost under normal sleep and sudden power failure.

In the uninitialized state, the skylight will only allow the initialization learning operation to be performed.

1. The self-learning process of re-initialization of panoramic skylight as follows:

Step 1: First, let the skylight and roller blinds run to the fully closed position, and then operate the skylight glass panel switch close button and keep it.

Action 1: After 6 seconds, the skylight and roller blinds slightly sway and click respectively, and then stop.

Step 2: Release the switch.

Step 3: Operate the skylight glass panel switch close button again within 6 seconds and keep it. Wait 4 seconds

Action 2: skylight and roller blinds will open

Action 3: The skylight and roller blinds respectively run to the set self-learning running position and stop.

Action 4: The skylight glass plate makes a closing movement and stops when it reaches the fully closed position.

Action 5: Roll the sun curtain to close.

Action 6: The skylight and roller blinds are stopped in the fully closed position.

Step 4: Release the switch. The initialization exercise and self-learning exercise are over.

Remarks:

The self-learning running position is roughly the edge of the anti-pinch area toward the opening direction, not the fully open position of the skylight/roller blind.

During the self-learning process, the skylight/roller blind motor control module initializes the anti-pinch function by recording the skylight characteristic curve. Because the characteristic curve parameters only need to be collected in the anti-pinch area, the skylight only needs to run to the edge of the anti-pinch area during the self-learning process. This position is a parameter configurable position.

Electric back door

Initialization: When the back door is not completely closed and the power is cut off abnormally, after the electric back door system is powered on again, manually close the back door to the fully locked position once to complete the initialization.

Back door open, close, stop operation

When the electric back door system is in the following conditions:

1. The key is within the detection range of the car;
2. The power supply voltage of the electric back door system is 9V-16V;
3. The power supply gear is in the OFF gear or the power supply gear is in the ON gear and the gear is in the P gear or N gear;
4. The tailgate can normally respond to the opening or closing signal, and the electric backdoor can be opened, closed and stopped in the following ways.

Remote control key button:

1. Double-press the remote control key back door button (as shown in No. 3) to open (when the back door is fully closed) or close (when the back door is opened) the electric back door;

2. A short press of the remote key back door button can stop the back door during opening and closing.



Electric back door switch :

Located at the lower end of the armrest of the interior trim panel of the left front door (Figure 2), it is a two way switch..



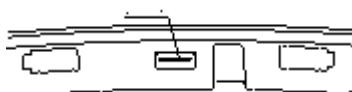
Electric back door switch

Electric back door switch

3. Pull up the electric back door switch to control the opening of the back door (when the back door is completely closed, or stop during opening and closing);
4. Press the electric back door switch to control the back door to close (when the back door is fully opened, or stop during opening and closing);
5. Pull up or press down can stop the back door during opening and closing.

Back door micro switch:

Located at the upper end of the rear bumper (as shown in the picture).



1. Press the micro switch of the back door to open the electric back door (when the back door is completely closed or stop during

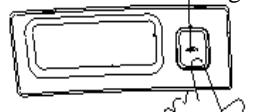
2. Press the micro switch of the back door to stop the movement of the back door in the process of opening and closing.

Electric back door closing switch:

Located on the right side of the lower edge of the back door trim panel (as shown in the figure).

1. Short press the electric back door closing switch to close the electric back door (when the back door is fully opened or stopped during opening);
2. Short press the electric back door closing switch to stop the back door during opening and closing.

Electric back door closing switch



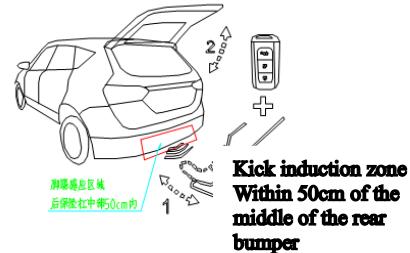
Voice control back door

1. After the voice is activated, the voice input "open the back door" and "back door open" can control the opening of the back door (the back door is completely closed, or it stops during opening and closing);
2. After the voice is activated, the voice input "close back door" and "back door close" can control the back door to close (when the back door is fully opened, or stop during opening and closing);
3. After the voice is activated, the voice input "close back door" and "open back door" can stop the back door during opening and closing.

Kick sensor controls the back door

The kick sensor is located at the lower part of the rear bumper, carrying

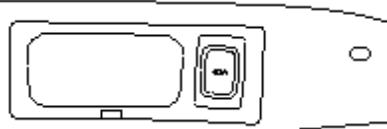
the vehicle key, standing at a suitable position within 1m from the rear bumper of the vehicle, and within the effective kicking area (the middle of the rear bumper extends within a total of 50cm from left to right), and facing the front direction Kick the foot naturally and retract (kick the foot after the distance is 10cm, the kicking action is completed within 2 seconds, and the kicking action cannot be maintained for a long time) (Figure 5), then the kicking action is completed. After the verification key is passed, the back door can be controlled to open (when the back door is fully closed, or stop during closing), close (when the back door is fully opened, or stop during opening) or stop (the back door is being opened or closed) .



Height learning

The opening height of the electric back door can be set in the opening range (50%-97%) according to the usage habits, and the height outside the range can only be learned as 50% or 97%.

Open the back door manually to the proper position (the position you want to learn), press and hold the switch inside the back door for more than 3 seconds, and hear the buzzer beep for 2 seconds, that is, the height setting is successful.



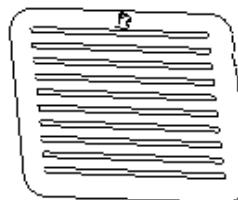
Warning

Be sure to check whether the back door is locked before driving to ensure driving safety. Before leaving the vehicle, you must check whether the back door is locked to prevent the items in the vehicle from being stolen.

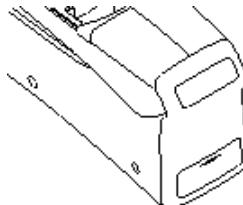
If the back door is not locked while driving, please stop the vehicle after hearing the electric back door alarm sound (need to hang to P or N gear or power off to OFF), lock the back door before driving.

Backup power

Spare 12V power socket in the trunk.



Secondary instrument spare 220V/5V power socket



Warning

Do not use electrical power to exceed 120W, so as not to damage the insurance if the load is too large.

Wireless charging

1. PEPS anti-interference: PEPS

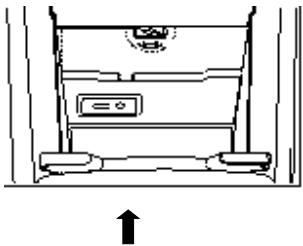
In the ON state, the wireless charging is turned on by default. When the vehicle is started (switched from ON to READY) or the key is searched for in the car, PEPS informs WCM through a hard wire, and WCM suspends the charging function.

2. Charging information prompt:

In the ON state, the mobile phone with wireless charging function is placed in the charging area.

- 1) When charging starts, the buzzer of the wireless charging module will beep once (400ms);
- 2) Charging prompt: the MP5 displays the charging icon during the charging process;
- 3) Charging completion prompt: the MP5 displays the full charge icon during the charging process (only mobile phones with full charge signal feedback are supported);
- 4) Foreign body reminder: When there is a foreign body during

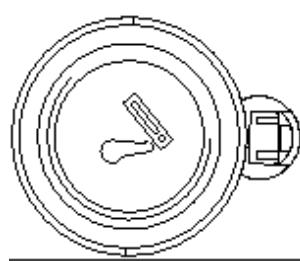
charging, a fault reminder will be displayed on the MP5, and the charging fault icon will flash; the charging module buzzer will give an alarm.



Cigarette lighter

Press the cigarette lighter button, the resistance wire of the cigarette lighter will turn red and hot, and it can

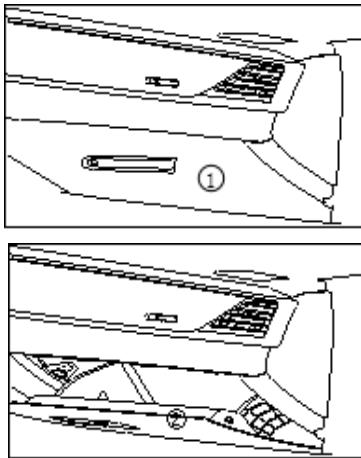
be taken out and used after it automatically rebounds to the original position around 18S. This cigarette lighter has an indicator light, when the small light switch is turned on, the indicator light is on.



Storage devices

⚠ Warning

In order to concentrate on driving the vehicle while driving, do not use storage devices.



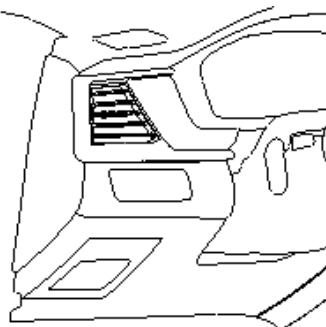
Toolbox

To open the tool box, pull up the handle on the tool box ① to open the

tool box, such as ②, press firmly when closing

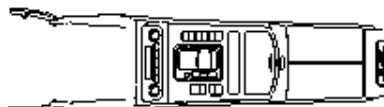
Small storage box

The small storage box on the left side of the dashboard can hold some small items.

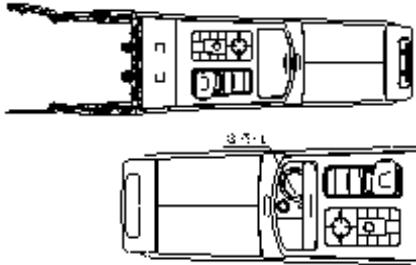


Middle guard cup holder and storage box

1. When shifting mechanically, there are two cup holders, two open storage boxes and a hidden storage box on the control box body, which can store some smaller items.

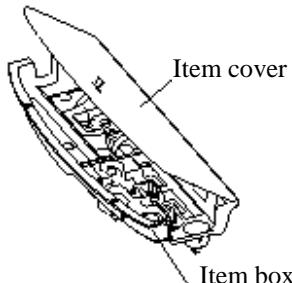


2. When electronically shifting, there are two cup holders, an ashtray, an open storage box and a hidden storage box on the control box body, which can store some smaller items.



Item box

1. For six or seven seats, open the item box and pull up the pull ring of the item box cover ① until the item box is opened.



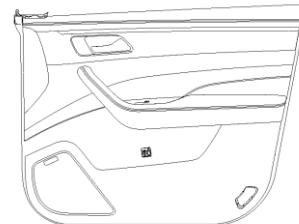
2. One reflective vest will be distributed with the car in the item box (newly produced models will be distributed from January 1, 2018).

Curtain

Open the cover of the item box and take out the shade, insert the outer tube of the shade into the body of the inner trim panel of the rear side enclosure, and pull the handle backwards to the card slot of the inner trim panel of the rear side enclosure.

Bottle holder

The bottle holders are respectively located on the inner guard plates of the four doors.



Caution

Do not put the bottle with the lid open in the bottle holder, because when the door is opened or closed, or during driving, drinks may spill.



Warning

In order to concentrate on driving the vehicle while driving, it is strictly forbidden to place beverage bottles and cups here.

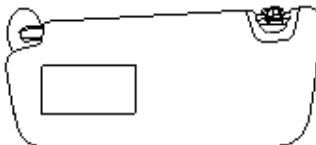
Caution

If beverage bottles and other cups are placed on the cup holder, it will affect the forward operation of the shift mechanism and hinder the operation of the electrical buttons near the front.

Third-row seat storage box

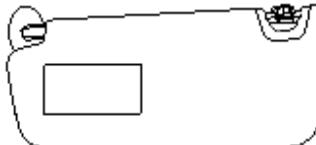
The third-row seat storage box is located on the lower trim of the rear side wall.

Sun visor



Note folder

You can directly view the note folder.

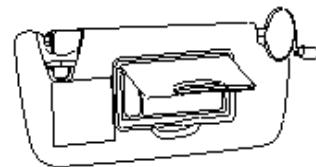


Caution

Do not insert cards or multiple bills thicker than 1mm into the bill holder.

Makeup mirror

To use the make-up mirror, pull down the sun visor to open the cover of the make-up mirror to use the make-up mirror; use the make-up mirror under the light of the make-up mirror at night.



Car interior lighting

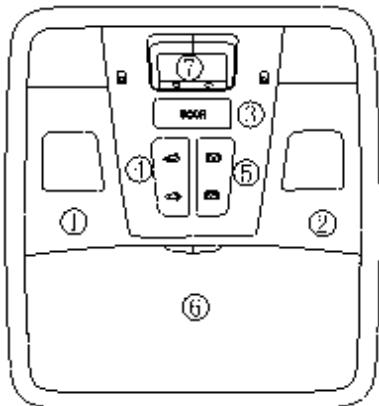
Warning

When the engine is not working for a long time, do not turn on the light

switch to prevent the battery from running out.

When leaving the car, please turn off the lights.

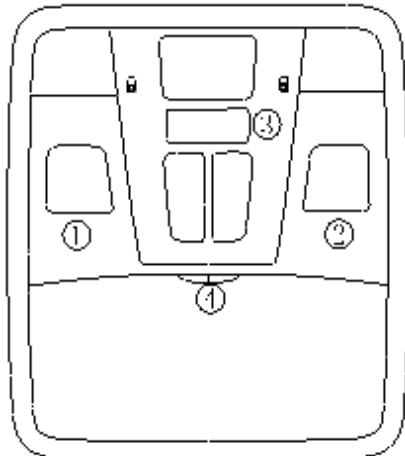
Front reading light (with skylight)



1. Switch ① and switch ② control the left and right indoor lights;
2. When the switch ③ is pressed, the opening and closing state of the door controls the bulb;
- 1) Delayed extinguishing: the five doors (including the back door) are fully closed, and the top light will automatically go out within 30s (the fading time stroke is 3s); any one of the five doors is not closed, the top light is always on, and it will gradually go out within 10 minutes without any operation;
- 2) Pull out the key, close the five doors, press the lock button, and immediately go out; all doors are closed, insert the key, and go out gradually;
- 3) The key is not inserted into the ignition lock, and the remote control unlocks or receives the PEPS unlock signal or the central control unlocks or the left front door key unlocks, and the indoor light is on;
3. ④ and ⑤ switches respectively control the opening and closing of the glass of the skylight and the wind-up curtain;
4. ⑥⑦Control the opening and closing of the glasses case;

5. ⑦SOS dial button, open the cover and press the button to dial the emergency rescue call.

Front reading light (without skylight)



1. Switch ① and switch ② control the bulb;
2. When the switch ④ is pressed, the opening and closing state of the door controls the bulb;
- 1) Delayed extinguishing: the five doors (including the back door) are fully closed, and the top light will automatically go off within 30s (the fading time stroke is 3s); any one of the five doors is not closed, the top light is always on, and the top light will go out after 10 minutes without any operation ;
- 2) Pull out the key, close the five doors, press the lock button, and go out immediately; when the five doors are fully closed, insert the key and go out immediately;
- 3) The key is not inserted into the ignition lock, remotely unlock or receive PEPS unlock signal or central control unlock or left front door key unlock,
3. ⑤ Control the opening and closing of the glasses case.

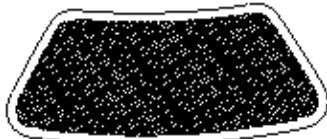
Rear car interior lights



The rear car interior lights are located near the safety handle used by the middle-row passengers, one on the left and one on the right.

The switch has 2 positions. Press once to turn on, and press again to turn off the indoor lights.

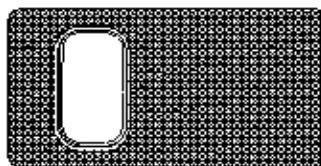
Welcome light



The welcome lights are arranged on the left and right front doors of the cockpit (one on each side). The lighting and extinguishing of the welcome lights are controlled by the switch of the front door.

of the back door. When it is opened, the lamp of the luggage compartment can be turned on or off by the switch of the light; when the back door is closed, the lamp is off.

Luggage compartment lights



The luggage compartment is arranged in the luggage compartment

IV. Check and adjust before driving

key

Each car is equipped with two identical remote control keys, which are integrated with mechanical keys. Please keep one of the keys in a safe place as a spare. The car key can be manipulated:

①One-button start ②Front door lock, ③Back door lock, ④Window glass.

You can start the car only when you use the correct key.



Warning

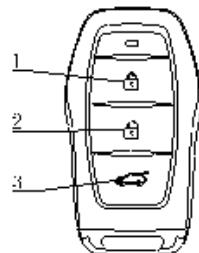
When you leave the vehicle, do not leave the key in the car.

Remote control key (with PEPS)

Key body:

1. Remote lock button
2. Remote open button
3. Electric back door button (press 1 button twice for automatic car search)

(Note: The remote control of the electric back door button is optional, and the key without this configuration is to automatically find the car by pressing the 3 button)



When pressing the unlocking button of the outer handle, the key should be 5cm away from the outer handle, otherwise the unlocking will fail.

The use of mechanical keys: The use of mechanical keys: follow the indicated direction to move the button on the back of the key, and the key can be taken out in the direction of the arrow.



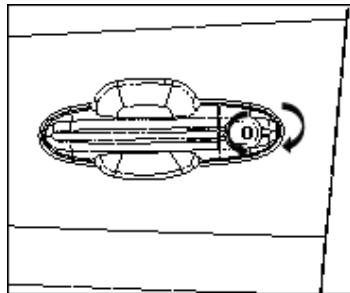
Door lock



Warning

Before opening the door, observe carefully to avoid traffic accidents.

Do not leave children or adults without autonomy alone in the car. They may accidentally touch switches or control panels and cause serious accidents.

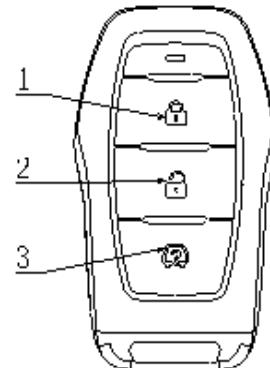


Front door lock

Use the key to open/lock the door (outside the car)

When locking the door, first close the door slightly harder, insert the mechanical key into the door keyhole (driver or front passenger), and turn it to the rear of the car.

When opening the door, turn the key counterclockwise and the corresponding door will open.



Use the remote key to open/lock the door

1. Lock button
2. Unlock button

3. Automatic car search button

Outside the car, when locking the door, close the five doors (including the back door) forcefully

and press the button  to lock the five doors.

Before opening the door, press the button "" to realize the car search function and you can find your car. Then press the button  "" to unlock the door. When the battery in the key is exhausted or the battery is out of power, you can press the button on the upper left corner of the key to open the mechanical key, insert the mechanical key into the lock hole, and turn the key backward to open the door.



Warning

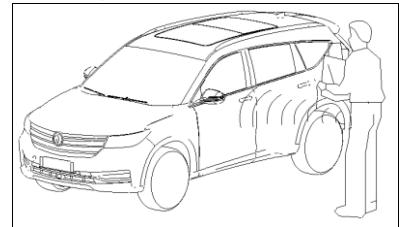
After closing the door with the remote control key, please pull the door handle by hand to ensure that the door lock is completely locked, so as not to completely lock the door lock and cause your property loss.

Operating range:

The remote control key only works when the remote control key and the vehicle are within a certain distance.

When the battery in the remote control key is exhausted or there are strong radio waves around, the effective distance of the

remote control key will be narrowed, and it may not even be used normally.



Remote lock/unlock

All doors are closed in place and the key is not inserted into the ignition lock. Press the key lock key "" for less than 2s, then all the doors and back doors are locked, enter the defense state, and the turn signal flashes once. If the door is not

closed in place or the key is inserted into the ignition lock, press the key lock key "  ", the buzzer will sound once, the turn signal will flash 3 times, and all doors will not be locked. Press the unlock button "  ", all four doors are unlocked, and the turn signal flashes twice.

Prompt fortification

Stop and turn off the engine, pull out the key, and close all the doors. If the lock is not closed within 10 seconds, the turn signal will flash 3 times (the door is locked as a criterion, not for defense).

Central control function

(1) Use the key to insert and turn the lock core of the left front door or manipulate the central control unlock button on the left front lift switch, and the locker of the 4 doors (except the back door) will perform the unlocking action.

(2) Use the key to insert and turn the lock core of the left front door or manipulate the central control lock button on the left front lift switch, and the locker of the door 5 (including the back door) performs the lock action.

Electric back door function

(optional)

Press the "  " button, the buzzer will sound three times, the turn signal will flash twice, and the electric back door will open.

Automatic window-up function

All doors are closed in place, press the key lock key "  " for more than 2s, then all doors and back doors are locked, the turn signal flashes once, and the controller outputs an automatic window-up signal to the main switch of the lifter; release the switch lock button, the controller Stop outputting automatic window-up signal.

Automatic window-down function

All doors are closed in place, press the key to unlock the key "  " for more than 2s, then all doors will be unlocked, the turn signal will flash twice, and the controller will output an automatic window drop signal to the main switch of the lifter; release the unlock key, the controller will stop outputting automatically window-down signal.

Automatic lock function

Open the one-button start, all doors are closed in place, when the speed exceeds 15km/h, all doors are automatically locked; if the car pauses

and does not turn off during driving, open the door and get off the car, re-board the car, and then drive again, the car speed exceeds 15km /h, the door will be automatically locked again. When the car stops, close the one-button start, then all the doors are automatically unlocked.

Collision unlock function

When the car body collides, the airbag ECU outputs a signal to the central lock controller, and then the central lock controller automatically controls all doors and back doors to unlock.

Car anti-theft function

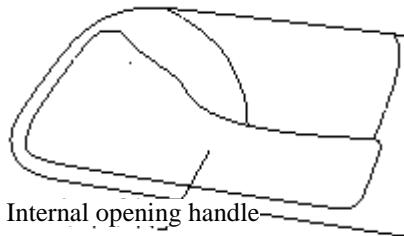
1. After remote control locked (after entering the defense state), when the key is inserted into the ignition lock, the horn will beep within 30s and the turn signal will flash;
2. After remote control locked (after entering the fortification state), the manual door will beep for 30s, and the turn signal will flash for 30s.
3. After manually opening the door and alarming, insert the key into the ignition lock and the alarm will not be repeated. In the same way, after inserting the key into the ignition lock to alarm, and then manually open the door, the alarm will not be repeated.

4. After triggering the alarm, press the remote control key unlock button to exit the alarm state.

Secondary lock function

If the door is not opened by pressing the unlock button for 30 seconds, the locker will automatically perform the lock action and the horn will sound.

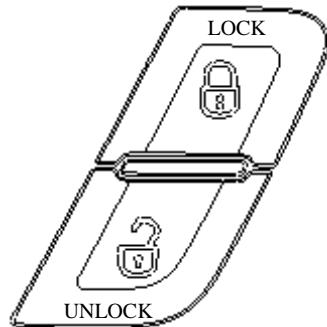
Open/lock the door with the interior lock button (in the car)



The front and rear doors can be locked or opened with the lock button.

When locking the door, first close the door with a little force, and then push the lock button forward to lock the door. At this time, the door cannot be opened either inside or outside the car; when opening the door, first push the lock button back to unlock the door, and then pull up the inner opening handle to open the door.

Central control door lock switch



Press the right switch to lock all the four door locks except the back door lock, press the left switch to unlock the four door locks, and pull the handle to open the door.

⚠ Warning

The central control door lock switch is located on the left front door. When using the central control door lock switch to lock the door, do not leave the key in the car.

Rear door lock

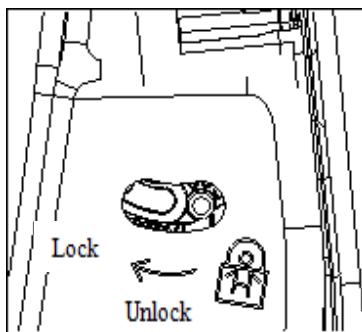
When locking the door: first close the door slightly, and then press the lock button forward to lock the door; when opening the door: first push the lock button back, the door will unlock, and then pull up the inner opening handle to open the door. After the door is unlocked, the door can also

be opened by pulling the door handle outside the car.

⚠ Warning

The door should be tightly locked, and the lock button must be locked when the car is driving to prevent accidental opening of the door.

Rear door child safety lock

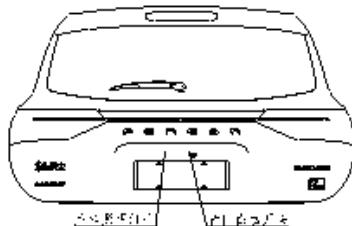


When using a child lock, turn the child lock button to the right to disable the door opening handle. At this time, even if the door lock button is unlocked, the rear door can only be opened from outside the vehicle. To cancel the child lock, turn the child lock button to the left.

⚠ Warning

When there are child occupants in the middle row or the back row, you must remember to use the child lock to avoid accidents when the door is suddenly opened by children while playing.

Trunk lock



First, press the key unlock button "  " to release the defense state. When the driver is in the car, manipulate the central control unlock button on the left front lift switch. Then, within 30s, press the micro switch of the trunk door to unlock the trunk door. After more than 30s or press the remote control to close the lock, click the

trunk door micro switch, the back door unlock action will not be executed.

Warning

- Ensure that the trunk door is completely closed and opened during the gradual advancement process.
- Do not drive with the trunk door open, otherwise dangerous car exhaust will enter the car.

Lock or open the trunk door

Warning

- Check carefully before fully opening the trunk door to avoid collisions between vehicles and

pedestrians and accidents.

Park the vehicle in a safe and level place, and ensure that there are no obstacles near the trunk door, and there is enough space to open the trunk door.

First press the micro switch of the trunk door, and then pull the handle of the trunk door until the trunk door is fully opened (usually pull the trunk door to pass the balance point and the trunk door can rise to the top by itself. When it is low temperature (-30°C), you need to push the trunk door all the way Until the

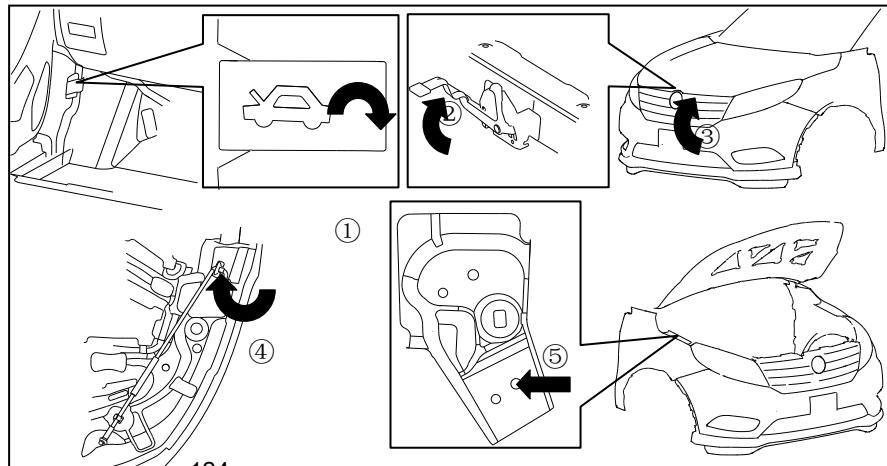
door is fully opened, the trunk door can be kept near the maximum. If steam or smoke appears from the engine compartment, do not open the engine cover to avoid injury.

Open the hood

- Pull the hood lock opening handle ① on the interior panel of a lower pillar until the hood pops up.
- Use your fingers to move the handle ② between the engine cover and the grille.
- Lift the hood ③. (Usually after pulling the hood over

the balance point, the hood can rise to the top by itself. At low temperatures (-30 °C), you need to push the hood to fully open it. At this time, the hood can be kept near the maximum opening

position (within 5 ° Does not fall).



Close the hood

Slowly move the hood down to the locked position.

Fuel filler cap lock

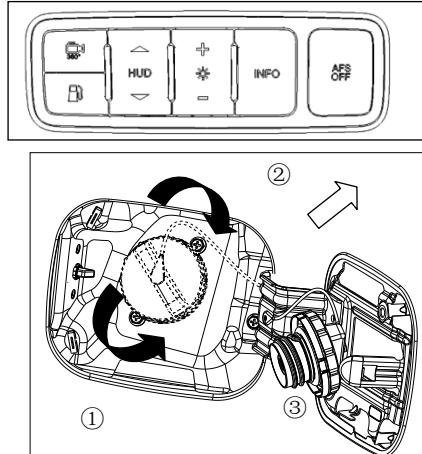


Warning

1. Fuel is extremely flammable and explosive under certain conditions. Improper operation can easily cause personal injury. Therefore, the flame should be turned off when refueling, smoking is prohibited, and all types of fire are prohibited from approaching the vehicle.
2. The fuel may be under pressure. Therefore, loosen the fuel tank

cap half a turn and wait for the "hissing" sound to end before opening the fuel filler cap to prevent personal injury caused by fuel spray.

2. When replacing the fuel tank cap, you must use the original accessories. The defective fuel tank cap may have fuel leakage, which may cause safety hazards.
3. Press the fuel filler cover opening button on the dashboard (left side of the steering wheel) to open the fuel filler cover.



After the fuel filler cover is opened, the fuel tank cover can be seen. Its design is a ratchet type. Turn it counterclockwise ① to open the fuel tank cover. After refueling, turn it clockwise ② to close the fuel tank lid until you hear more than 2 clicks. The fuel tank cap ③ can be hung on the side wall of the fuel filler cap.

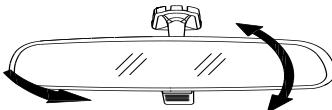
⚠️ Notice

If fuel spills on the car body, please wash it with water immediately to avoid damage to the paint.

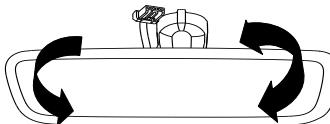
Rearview mirror

⚠️ Warning

Before driving, check the positions and angles of all rear-view mirrors. Do not adjust the rear-view mirrors while driving in order to concentrate on driving the car.



Plane manual anti-glare inner rearview mirror



Electronic anti-glare inner rearview mirror

Interior mirror

Hold the inside mirror and adjust its angle until it reaches the right position.

Electronic anti-glare rearview mirror

When receiving the light from behind, the endoscope automatically adjusts the reflectance of the lens to prevent the strong light from irritating

the driver's eyes and improve driving comfort and driving safety.

Exterior mirror

⚠️ Warning

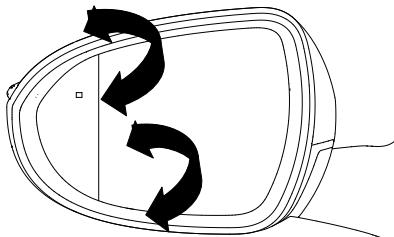
Do not touch the exterior mirrors that are in motion to avoid pinching your fingers or damaging the mirrors.

When the exterior mirrors are folded, do not drive the vehicle, as this will reduce the rear view and cause a traffic accident.

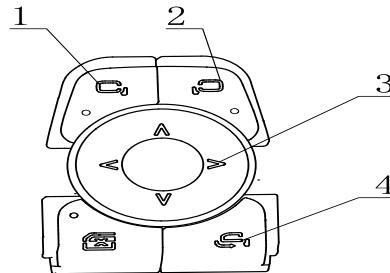
The actual distance of the object in the outside mirror is closer than it looks.

The image size and distance in the outside mirror are not real.

Rearview mirror adjustment Remote control type



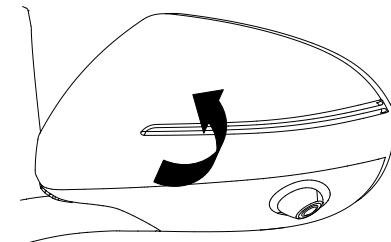
When the ignition lock switch is in the "ACC" or "ON" position, the exterior mirrors can be remotely controlled and adjusted.



- Move the switch to select left rearview mirror① or right rearview mirror②.
- Move the "up", "down", "left" and "right" keys on the adjustment switch ③ to adjust the up, down, left, and right angles of the rearview mirror lenses on both sides.

Folding electric adjustment type:

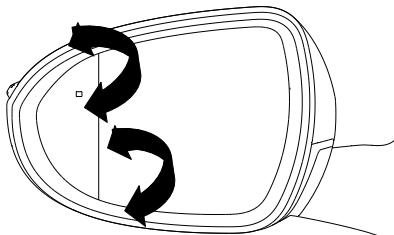
- 1.Press the switch ④ to adjust the rearview mirror housing to fold back to the maximum folding angle.



- 2.When the rear defrost button on the air conditioner controller is pressed, the heating function of the exterior mirror lens starts synchronously.

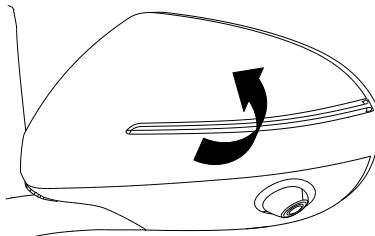
Manual control type

The mirror surface of the exterior rearview mirror can be adjusted in any direction to obtain an ideal field of view.



Folding manual adjustment type:

Push the outside mirror and fold it toward the rear of the car.



Electronic shift



Notice

1. When the power is in the ON position, the P/N gear can be switched.
2. When the engine starts, it can switch between P/R/N/D/M gears.

Parking brake



When using the parking brake, do not drive the car, otherwise the brake

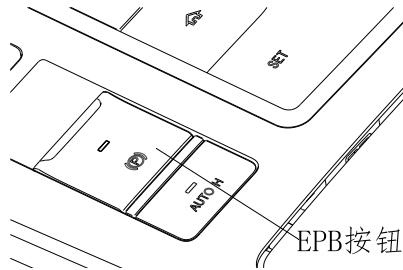
will overheat and fail, and accidents will occur.

Do not release the parking brake from outside the cab. If the vehicle moves, it will cause an accident because the brake pedal cannot be stepped on.

Do not use the shift joystick to replace the parking brake. When parking, make sure that the parking brake is fully functional.

Do not leave children or passengers who need help from others in the car alone. They may inadvertently release the parking brake and cause serious accidents.

Electronic parking brake (EPB)

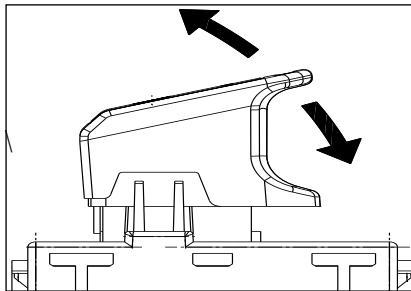


Commonly used functions of EPB are: static parking/release function, auxiliary driving away function, emergency braking function.

Static parking/release function

When parking, after the vehicle has stopped, pull up the EPB switch, the parking brake is

clamped, the parking brake indicator light on the meter lights up (red), and the LED light on the EPB switch button lights up.



When releasing the parking brake, firstly step on the brake pedal, then press the EPB switch, the parking is released, and the corresponding indicator light goes out.

When the parking brake is turned on and released, the working sound of the EPB motor will

be heard. This is a normal phenomenon and does not mean that the system is malfunctioning.

Warning

When the vehicle is parked for a long time, the battery may be depleted due to power loss, and the electronic handbrake will not be released at this time. Please replace the battery immediately or use a jump start. For jump start, please refer to the description and precautions of "Jump start" in the chapter "VII. Emergency measures".

When the vehicle needs to be parked for a long time, in order to prevent the battery from losing power and the electronic handbrake cannot be released, it is recommended to unplug the battery negative wire after parking.



Notice

During driving, please do not touch the electronic parking (EPB) switch in non-emergency situations.

Do not place heavy objects on the switch.

When the driver leaves the vehicle, please park in an appropriate way to ensure safety and reliability.

The electronic handbrake failure indicator does not go out, please go to the service outlet authorized by DFSK for maintenance as soon as possible.

If you need to replace the friction block of the rear caliper, please

contact a service outlet authorized by DFSK for replacement.

Emergency braking function

In an emergency, pull up the EPB switch and hold it, then the EPB system can be used to brake the vehicle. As long as you release the EPB switch or depress the accelerator pedal, emergency braking can be cancelled.



Warning

The emergency braking function of EPB system can only be used in emergency situations (such as the brake pedal cannot be depressed, etc.).

Automatic parking function (Auto Hold)

The automatic parking function can help the driver to start more comfortably on sloped road sections. When the vehicle stops on a slope, after releasing the brake pedal, the system will maintain the braking force for a maximum of 3 minutes, so that the driver has enough time to step on the accelerator pedal to start, thereby reducing the impact of the slope.

Close the driver's door, fasten the driver's seat belt, and after starting the engine, press the switch **AUTO H** to

enable or disable the automatic parking function.

Instructions:

1. Press the Auto Hold switch to turn on the automatic parking function. At this time, the automatic parking function is in the ready state, and; the indicator light  on the combined instrument lights up;

2. Depress the brake pedal to stop the vehicle and the vehicle will automatically apply the parking brake. At this time, the automatic parking function is working, and the indicator light  on the combination meter is on;

3. Depress the accelerator pedal, Auto Hold will exit automatically and enter the ready state. If the accelerator pedal is not depressed for a long time, the vehicle will automatically switch to the electronic parking brake and exit the Auto Hold function.

Tips

The automatic parking function will be exited in the following situations:

1. Take off the driver's seat belt;
2. Open the driver's door;
3. Turn off the engine;
4. After working for more than 3 minutes



Notice

In the case of automatic car wash, trailer, etc., please turn off the automatic parking function.



Warning

Not in all cases, automatic parking will work automatically when the one-button start is OFF. Please make sure that the electronic parking is working and the vehicle is stable before leaving the vehicle.

Assistance drive away function

When the vehicle is applying the parking brake, the driver fastens the seat belt and steps on the accelerator

pedal, then system detects the driver's intention to leave, and the parking brake will be automatically released. In order to avoid slipping on the slope, more engine traction is required to complete.

Do not press the EPB switch while stepping on the accelerator on the ramp, otherwise the EPB will be automatically released and the vehicle will roll.

Warning

The assistance driving away function is also applicable to the reversing process, please ensure safety when using it.

In order to ensure driving safety, the assistance driving away function needs to fasten the seat belt and close the door.

V. Reversing video system, heater ,air conditioner and audio system

Safety precautions

Warning

In order to concentrate on the car during driving, do not adjust the heating and air conditioning system or audio system.

If you find other objects entering the system, liquid splashing on the system, smoke coming out of the system, or any other abnormal conditions, please stop using the system immediately and contact the nearest DFSK authorized service outlet. Ignoring these abnormal conditions may cause problems. Cause an accident, fire or electric shock.

Do not disassemble or modify the system, otherwise it may cause fire, electric shock or other accidents.

Park the vehicle in a safe place and use the parking brake, then you can connect the device through the auxiliary interface to watch the image on the central display.

Watch out

When the engine is not running, do not use the system for a long time to avoid draining the battery.

Reversing camera system

When the joystick is shifted to the "R" position, the reversing image system will display the image behind

the vehicle. This system is used to help the driver detect larger stationary objects to avoid damage to the car.

Please note that the system may not detect small objects under the bumper, and objects near the bumper or on the ground.

Warning

The rear-view camera is convenient for assisting parking, but it cannot replace the correct reversing method. Be sure to turn around before reversing to check whether it is safe to reverse. Be sure to reverse slowly.

Because of the use of a wide-angle lens, the object seen in the

reversing imaging system is different from the actual distance.

The objects seen in the reversing image system are visually opposite, the same as those seen in the car's interior and exterior mirrors.

Make sure that the rear door is safely closed when reversing.

Due to the limited surveillance range of the camera, the lower part of the bumper and the corner area cannot be seen on the reversing image system.

Do not place any objects on the camera. The camera is installed on the decorative cover of the license plate lamp.

When using a high-pressure water gun to clean the vehicle, be sure not to spray around the camera. Otherwise, water may enter the camera, causing water to condense on the camera lens, which leads to malfunction, fire or electric shock.

Do not knock the camera, it is a precision instrument, otherwise it may malfunction or cause damage, resulting in fire or electric shock

Watch out

There is a plastic cover above the camera. When cleaning dirt or snow from the cover, do not scratch the plastic cover.

How to read the reference line on the reversing camera system

Warning

Use the displayed line as a reference. The load reference line is greatly affected by the number of passengers, fuel level, road conditions and road slope. When reversing, always directly observe the conditions around the vehicle.

Only when the vehicle is on a horizontally paved road, the distance between reference line and vehicle width reference line can be used as references. The distance displayed on

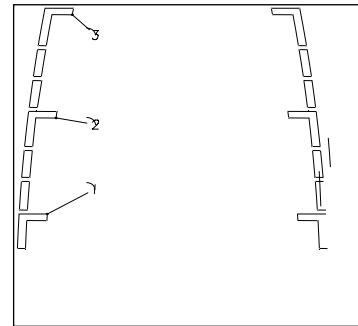
the reversing image system is for reference only, and may be different from the distance between the vehicle and the displayed object.

When the car is uphill and then reverses, the objects seen on the display may be farther than they appear. When the car is downhill and then reverses, the objects seen on the display may be closer than they appear, so you need to use the rearview mirror or turn around to observe the actual distance to other objects.

The reversing image system shows that the length of the vehicle is

the distance between the bumper and the reference line.

These indicate the distance of the reference object. The displayed reference line indicates the distance from the bumper reference line ① within 0.5m (red), ②1m (yellow), ③2m (green).



Operation tips

When the joystick is shifted to the "R" gear, the monitor screen will automatically switch to the reversing image rear view image monitoring mode, and at the same time, you can hear the voice prompt.

When the joystick is shifted from other gears to “R” gears or from “R” gears to other gears, it may take some time to switch to think that the displayed objects may be temporarily deformed before the rear view monitor screen is fully displayed.

When the temperature is too high or too low, the screen may not be able to clearly display the object. This is not a malfunction.

When the strong light is directly included in the camera, the object may not be displayed clearly. This is not a malfunction.

You may see vertical lines appearing on objects displayed on the screen. This is caused by the strong reflection of the bumper. This is not a malfunction.

The screen may flicker under fluorescence, this is not a malfunction.

The color of the object displayed on the reversing image system may be slightly different from the color of the actual object.

In a dark place or at night, the objects displays on the screen may not be clear. This is not a malfunction.

If dirt, rain or snow is attached to the camera, the reversing image

system may not clearly display the object, please clean the camera.

Do not use alcohol, light gasoline or thinner to clean the camera,which will cause fading. To clean the camcorder, wipe it with a cloth dipped in a diluted neutral detergent, and then wipe it with a dry cloth.

Do not damage the camera, because the surveillance screen may be adversely affected.

Do not use wax to the camera. Use a clean cloth dipped in a neutral detergent diluted with water to wipe off all the wax.

Heater and air conditioner



Warning

The heater and air conditioner can only work when the engine is running. But when the engine is turned off and the one-key start is in the "ON" position, the blower can also work normally.

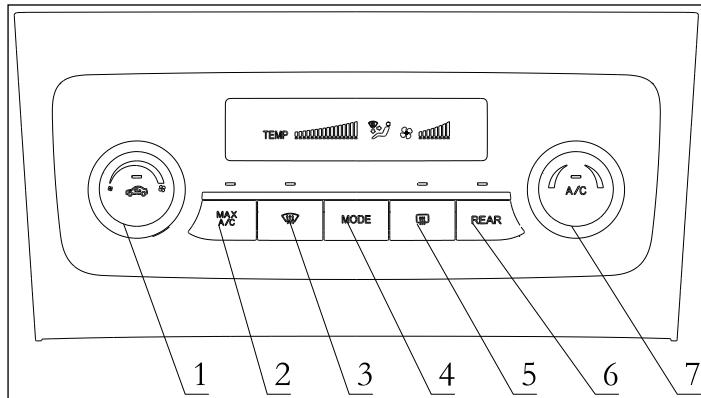
Do not leave children or adults who need others to look after them in the car alone, and do not leave pets alone in the car. They may accidentally touch the switch or controller, which may cause serious accidents and cause casualties. In hot

and sunny days, the temperature in a closed car will rise rapidly, which may cause serious or fatal injuries to people or animals.

Please do not use the in-vehicle circulation mode for a long time, otherwise it will cause turbid air in the vehicle and fogging of the windows.

Air conditioning control panel

Air conditioning controller (electric)



1. Inner/outer circulation control/air volume adjustment knob
2. Enter the maximum cooling state, at this time AC is turned on, the

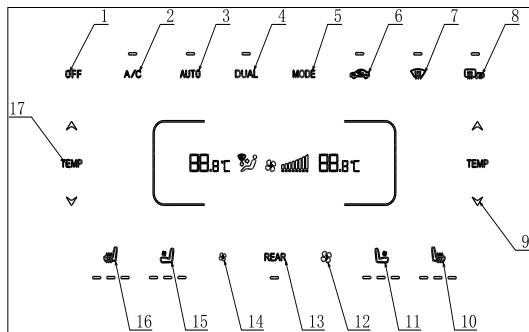
temperature is the lowest, and the air volume is the largest

3. Defrost the front windshield and side windows
4. Mode button

5. Rear defrost
6. Rear blower switch (with rear steaming)
7. A/C switch/temperature adjustment knob

Note: If there is no heating for the rear view mirror, there is only a rear defrost icon on the controller.

Air conditioning controller (Automatic dual temperature)

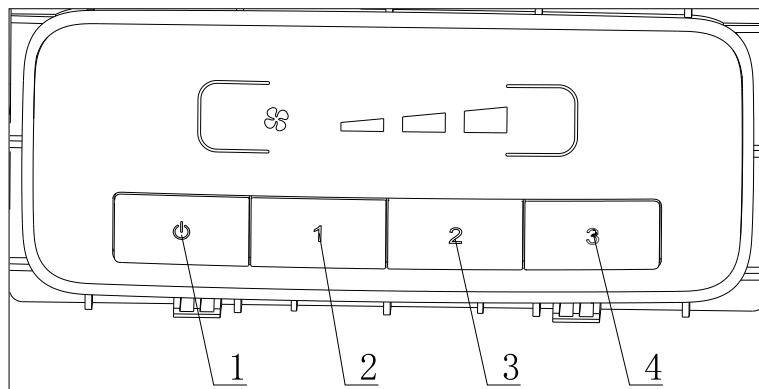


1. One-button shutdown button for air conditioner
2. Air conditioner switch key
3. Automatic air conditioning control
4. Differential control of dual temperature zones
5. Mode button
6. Inner/outer circulation
7. Defrost front windshield and side windows
8. Defrosting of rear windshield and heating of exterior mirrors
9. Temperature adjustment (co-pilot)

10. Increase air volume
11. Rear blower switch (with rear steaming)
12. Reduce air volume
13. Main driving seat ventilation
14. Heating of main driver's seat
15. Temperature adjustment (main driver)

Note: If there is no heating for the rear view mirror, there is only a rear defrost icon on the controller.

Air conditioning controller(Back row)



1. Button to close
2. First gear of air volume
3. Second gear of air volume
4. Third gear of air volume

Heating operation

Heating:

1. According to user needs, select internal/external circulation mode for conventional heating
 indicator light is on for the inner loop, and the indicator is not on for the outer loop) .When the temperature difference between the inside and outside of the car is large, it is recommended to adopt the external circulation mode, which can reduce the fogging of the window glass.

2. According to your needs, press the mode button“ **MODE**”, and select the wind position.
3. Operate the air volume up/down button to adjust the air volume.
4. Operate the temperature up/down button to adjust the temperature.

Ventilation:

Direct the outside air to the center and side air outlets.

1. Adjust the wind mode to“  ” direction to blow.
2. Make sure the inner loop button  doesn't open (The indicator light is off) .

3. Adjust the air volume to the required gear.
4. Adjust the temperature to the desired level.

Heating and defrosting:

This mode heats the interior of the vehicle and defrosts the windows.

1. When the temperature difference between inside and outside of the car is large, please ensure that the inner loop button  is not open, which will reduce the fogging of the window glass. When the air humidity is high, AC should also be turned on.

2. Set the mode control to  gear.
3. Adjust the air volume to the desired position.
4. Increase the temperature to the desired position.



To quickly defrost the outer surface of the windshield, adjust the air volume to the maximum position.

If the windshield is difficult to defrost, the mode can be adjusted to  defrost.

Seat heater and seat ventilation



When the engine is not working, turning on this mode may exhaust the battery power.

Do not place heavy objects with uneven surfaces or other sharp objects (such as needles, nails, etc.) that may damage the surface of the seat on the seat.

When cleaning the seat, do not use gasoline, thinner or other similar materials.

Seat heater:



If it is not necessary, do not use the seat heater for a long time.

Do not cover the seat surface with blankets or cushions when using the seat heater.

When the heater is turned on, the following persons should be careful not to get injured if they touch the seat with heater:

Babies, children, the elderly, the sick, and people with disabilities
People with sensitive skin

Very tired people (including people who drink alcohol or drugs)

If liquid splashes on the heated seat, be sure to turn off the seat heating switch immediately and wipe

it off with a dry cloth. The seat heater must not be used within 4 hours.

- 1 Turn on the seat heater switch “”, the heating indicator will light up, and the seat heating function will start.
- 2 Repeatedly trigger the seat heater switch “”, the number of heating indicator lights changes, and the seat heating temperature changes with the indicator lights (the more the heating indicator lights are on, the higher the heating temperature) until the heating indicator lights are all off, and the heating function is turned off.
- 3 The seat heater that supports voice control can be controlled by voice.
- 4 The heating controller that supports remote control can

control the seat heater through the remote terminal.

Seat ventilation:



Warning

- 1 Do not cover the seat surface with blankets or cushions when using seat ventilation.
- 1 Turn on the seat ventilation switch “”, ventilation indicator lights up and the seat ventilation function is activated.
- 2 Repeatedly trigger the seat ventilation switch “”, the number of ventilation indicator lights changes. And the seat ventilation airflow changes with the indicator lights (the more the ventilation indicator lights are on, the higher the ventilation volume) until the ventilation indicator lights

are all off, and the ventilation function is turned off.

- 3 The seat ventilation device that supports voice control can use the seat ventilation device by voice.
- 4 The seat ventilation device that supports remote control can realize the control of the seat ventilation device through the remote terminal.

Air conditioning operation

The air conditioning system should work at least 10 minutes a month, which helps prevent damage to the air conditioning system due to lack of lubrication.

Cooling:

This mode is used for air cooling and dehumidification.

- 1、 Press the inner cycle button“”.
- 2、 Adjust the mode to blowing face“”gear.
- 3、 Adjust the air volume to the required gear.
- 4、 Press the "A/C" button. (The "A/C" indicator will light up).
- 5、 Turn down the temperature. If you want to cool down as soon as possible, you can turn the temperature down to the lowest.
In hot and humid conditions, you will see mist emerging from the ventilator. This is caused by

the rapid cooling of the air and does not indicate a malfunction.

Dehumidification and mist removal:

This mode is used for defogging the windows and dehumidifying the air.

1. Press the front defrosting and defogging mode button“” (The system automatically opens A/C, and the air intake is external circulation, but it can be adjusted manually) .
2. Adjust the air volume to the required gear.
3. Adjust the temperature to the desired position.

Warning

If the temperature difference between the inside and outside of the car is large, it is recommended to maintain the external circulation mode. When the air conditioning humidity is high, the A/C should also be kept on, which can reduce the fogging of the window glass.

Air conditioning overhaul

The air conditioning system contains refrigerant under high pressure. In order to avoid personal injury, any maintenance of the air conditioner should be handled by

senior technicians with special equipment.

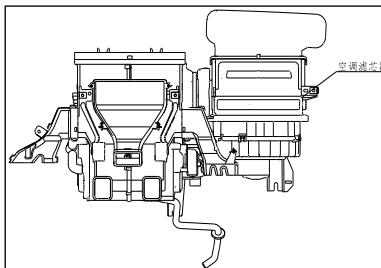
Your car's air conditioning system is filled with environmentally friendly refrigerants. This refrigerant will not damage the earth's ozone layer. However, it still has a weak impact on global warming.

When maintain your vehicle's air conditioner, you should use special filling equipment and lubricants. The use of unqualified refrigerants or lubricants will cause serious damage to the air-conditioning system (see "Air-conditioning System Refrigerants

and Lubricants" in the "Ten.Techical Information" chapter).

DFSK authorized service outlets can overhaul your environmentally friendly air conditioning system.

Air conditioning filter



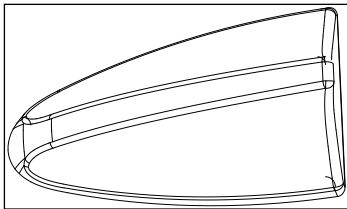
The air conditioning system is equipped with an air conditioning filter (in the HVAC assembly) to remove dirt, pollen and dust. In order

to keep the air conditioner heating, defogging and ventilating effectively, please replace the filter according to the maintenance cycle specified in the attached maintenance manual. If you need to replace the filter, please contact DFSK authorized service outlets.

If the air flow rate drops significantly, or the window is prone to fog when operating the heater or air conditioner, replace the filter.

Antenna

To ensure the listening effect, please do not disassemble or replace the antenna at will.



Shark fin antenna

⚠ Watch out

Keep the antenna away from the electronic control module as much as possible.

Lin OS

- 1. Lin OS menu includes driving SOS, Driver Circle, Kuwo Music, Koala FM, call center, voice assistant application;
- For detailed operation of Driver Circle, please refer to the manual of Cheyou Circle;
- The call center includes road rescue and call center telephones.



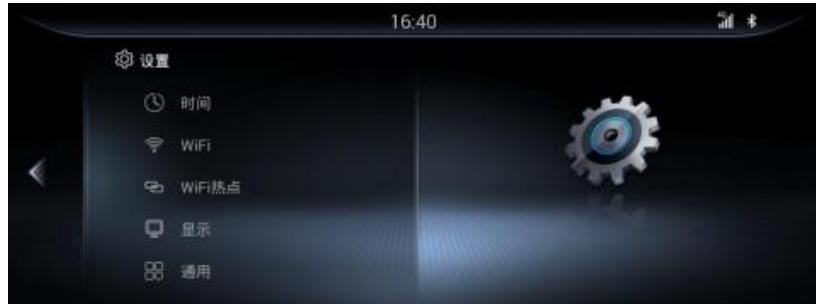
Setting

1. Enter the system settings function: set sound effect and balance, volume setting, set time and date, WiFi connection, hotspot setting, display brightness setting, general;



Reversing video system, heater , air conditioner, and audio system

- General settings include: voice selection in Chinese and English, standby display (digital clock, analog clock, black screen), video switch for driving watching, voice call reminder and system version number query



Other settings

1. FOTA upgrade: the whole package and differential package can be upgraded. When version is upgraded, users can choose to download the upgrade package to upgrade the audio-visual entertainment system.
2. Refueling worry-free reminder: When the fuel quantity alarms, there will be a voice prompt user whether to navigate to a nearby gas station to refuel.
3. Wireless charging display, the status of mobile phone wireless charging can be displayed on the

status bar: charging, charging failure, charging completed.

Voice control

This model is equipped with voice control vehicle function (if is configured), the user can use the voice control button on the left side of the steering wheel  or say a wake-up word (Hello Xiaofeng, Xiaofeng Hello) to perform voice control on some functions of the audio system, air conditioning system, navigation system, and car windows. Different models have different configurations and are applicable. The commands will be different.

Voice control provides great convenience for the driver. The driver does not need to leave the steering wheel with his hands, so he can focus on driving and the traffic conditions around the vehicle. When using the voice, please pay attention to the following points:

- When giving voice commands, speak at a normal intonation and speed;
- When using the voice control system, please close the doors and windows to avoid noise in the car;
- Do not issue commands when the

- system responds;
- If you want to interrupt the voice command dialogue, press the voice control button on the left side of the steering wheel , then issue the order; ;
- If you want to cancel the voice command dialogue, press the voice control button on the left side of the steering wheel .

Lin OS Mobile phone APP

The car networking system of this model (if is configured), users can download the LinOS APP from the official address. The APP can provide

car networking users with functions such as body status check, information check, emergency rescue, handheld 4S shop, and remote control. It provides vehicle after-sales service business function system support. For detailed operation, please refer to the "DFSK Vehicle Networking APP User Manual".

1. Open the Lin os mobile APP, log in (mobile phone number: 1XXXXXXXXXXX, password: 123456, control password: 111111) and bind the vehicle (the vehicle is bound).
2. Remotely control the air

conditioner: click the car control button to enter the air conditioner control interface, click the start air conditioner button, set the temperature and pre-defrost, click OK and enter the control password (note: the prerequisite for all remote control functions is that the vehicle power supply is OFF, Five doors and one cover are closed, the vehicle speed is 0, the handbrake is raised and the brake pedal is not depressed).

3. Remote control of the seat: Enter the seat control interface, click the button to turn on the seat

heating/ventilation, set the heating/ventilation gear of the main driver and co-driver (the gears are divided into three gears), click OK and enter the control password.

4. Remote control door lock: Enter the door lock control interface, click the lock, unlock, find vehicle button, and enter the control password.

5. Remote control of car windows: Enter the window control interface, click the window full open/close window button or click the sunroof open/close sunroof button, and enter the control password.

6. Remote control of the engine: Enter the engine control interface, click the start power system/close power system button, and enter the control password.

7. Send to car : Click the map button to enter the map interface, enter the destination in the search bar to enter the details interface and click the send to car button at the bottom of the interface to send the destination to the MP5 car.

8. Geofence: Click on the geofence to enter the vehicle list, select the set vehicle and enter the radius distance and time range. After the vehicle exceeds the fence, the user can receive the fence alarm prompt on the mobile phone.

9. Offline navigation: After entering the navigation on the car terminal, click the offline navigation button at the bottom left, the mobile phone APP notification bar can receive the destination information sent by the car terminal.

10. Voice control air conditioner:

a) Control the air conditioner switch command: "Turn on/off the air conditioner";	"The temperature of the air conditioner is lower/higher", etc.;	windows: "open/close windows";
b) Commands for controlling air volume of air conditioner: "Maximum/minimum/maxi mum air volume of air conditioner", "Higher/smaller air volume of air conditioner", etc.;	d) Control the air conditioning mode commands: "air conditioning internal/external circulation", "air conditioning blowing feet and blowing face", "turning on/off air conditioning defrosting", etc.	b) Commands to control the opening and closing of individual windows: "Open/close front left window", "open/close rear right window", etc.
c) Command to control the temperature of the air conditioner: "Adjust the temperature of the air conditioner to 24 degrees",	11. Voice control car windows: a) Command to control the opening and closing of all	12. Voice control seat: a) Control all seat heating/ventilation commands: "Turn on/off seat heating/ventilation" b) Commands for controlling individual seat heating/ventilation: "Turn

on/off the
heating/ventilation of the
main driver's seat" and
"Turn on/off the
heating/ventilation of the
passenger seat"

c) Control the seat
heating/ventilation gear
position command: "seat
heating temperature
first/second/third gear".

13. Voice-free wake-up recognition:
Kuwo Music/Koala Radio/Radio
interface can directly say
"play/pause",
"previous/song/station,

next/song/station", etc. without
waking up Xiaofeng.

Precautions for car use:

The car performance examination
function does not provide full DTC
fault codes and the remote diagnosis
function of the TBOX terminal has not
been confirmed. Therefore, the system
is in the default normal state after the
physical examination in the car

physical examination function.

Notice

The Internet of Vehicles APP
supports mainstream Android models
with Android 4.4 and above, iOS 8.2
and above, and iphone5 and above
models. Enter the remote control
password to realize functions such as
turning on/off the air conditioner.

Driver circle



The Lin OS menu includes driver circle, enter DFSK-driver circle, and the system will log in directly after the startup page is displayed. After login successfully enter the main interface, the main interface includes all the functions of Cheyou circle. The main functions are::

- 1.Search to add friends
- 2.Drivers consist team



3. Personal center

4. New friend request

5. Group settings

6. Enter the team to open the navigation, group chat intercom

7. Floating setting function



Search to add friends

1. Click [Add friend] to enter the search friend page and enter the user ID. If the user ID entered is invalid, it will prompt that the ID cannot be searched. If the search results are found, click [+] to enter the friend verification page, and click the avatar to enter the detailed information page;
2. On the friend verification page, you can enter verification information in the input box or submit it directly. On the detail page, you can also directly click to add a friend. After clicking, there will be a status change. After the other party accepts it, it will be displayed in my



friend list.



Drivers create teams

- 1) Click [Group] to enter the team page, you can choose to create a team/enter a known password to join the team;
- 2) Click [Create Driver Group], a group name is generated by default, and the user can reset the group name, announcement, and select members to enter the group (up to 20 people) when it is convenient. If it is inconvenient, you can directly click submit. Currently, each user can only create one driver group, but can join multiple driver groups;



Reversing video system, heater , air conditioner, and audio system

- 3) Click the input box, the keyboard will pop up, enter the known password and click [Join] to enter the drivers group;
- 4) In the list of driver groups, the group with an icon in front of the group name indicates the created group; the group without an icon is the group that has been added; the group with blue text is the group currently entered; the group with the user removed is grayed out, click to set. The gray group has a pop-up prompt. After clicking, the group will be directly deleted from the group list, and the position of the following group will move forward accordingly.



Personal center

1. Click [Personal Center], a nickname will be generated by default. Gender and location are empty, and the profile picture is also default. You can reset it when convenient.

addition, and the corresponding button



text will have status changes.

New friend request

- 1 For the new friend list, directly click [Accept], and the [Accept] button will become added; click the avatar to enter the detailed information, or click the button under the avatar to accept the



Group setting

1. The team leader can edit the group name, group announcements, add or delete group members, and disband the group of drivers; team members can only add group members and exit the group of driver.



Reversing video system, heater , air conditioner, and audio system

Enter the team to open the navigation, group chat intercom

1. Enter the driver group, turn on the AutoNavi map, the walkie-talkie and the setting button can be dragged on the page at will, the captain searches for the destination in the AutoNavi map, start navigation, the leader page pops up the "Destination successfully sent" prompt, the player page pops up Invite

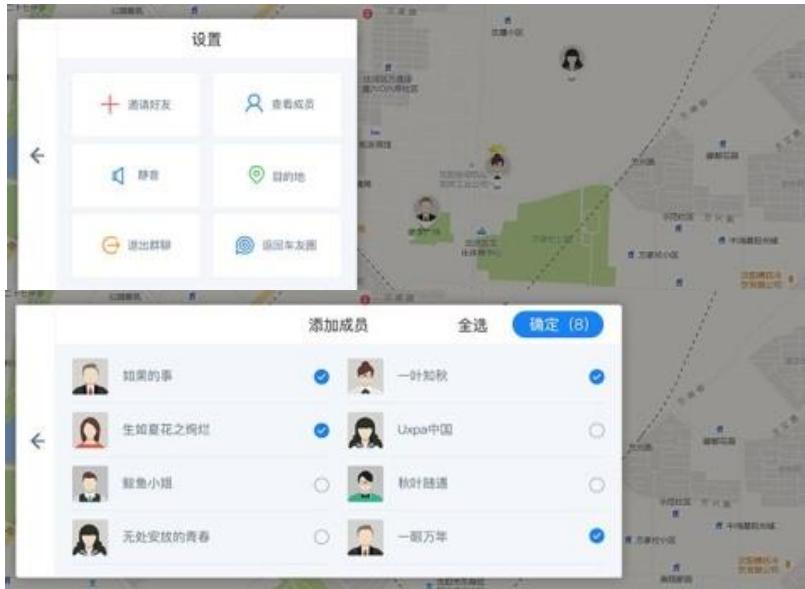


2. All group members who accept the visit can display the location information on the map. Click the [Intercom] button to grab the microphone. After the grab is successful, you can start the intercom. Click the [Intercom] button again to stop talking. When other people are talking, The current page will prompt "XX is talking"



Floating setting function

1. Click the "Settings" button to expand the function list;
2. Click the function of blocking voice intercom, and click mute again to release;
3. Click [Invite Friends] to add members, the maximum number of members is 20; click [Select All], all friends are selected, click [Select All] again to restore the original status; click [Close] to close this page and return to function list



Reversing video system, heater , air conditioner, and audio system

- Click [View members], all group members will be displayed in a list, the green dot indicates the current online status, and the gray dot indicates the current offline status; click [Close] to close this page and return to the function list;
- The captain sets the destination and sends the invitation. If you are not in the driver group at the time, click [Destination] after entering again, and the destination invitation will also show to enter the navigation, as shown in Figure 1.16;



Picture1.16



6. Click [Return to Driver Circle] to return directly to the Driver Circle page, all instructions in the Driver Group can continue to be received (intercom, invitation, reminder, etc.);
7. Click [Exit Group Chat], and also return to the Driver Circle page, all the commands in the Driver Group cannot be received.

customer service center or road rescue through the call center.

E-CALL

The user can activate the E-CALL emergency rescue service by pressing the SOS button next to the reading light in the event of a collision or other emergency; after a collision, the in-vehicle communication module can also automatically activate the E-CALL function for help.

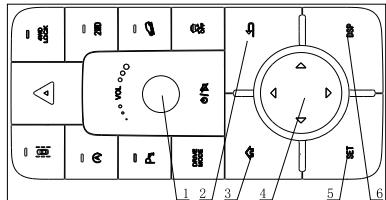
Call Center

The call center includes road rescue and customer service center telephones. If the vehicle fails during daily use, you can seek help from the

Player

Radio signal strength, radio wave transmission distance, buildings, bridges, mountains and other external influences will affect the quality of the receiving radio. Unstable reception quality is generally caused by these external reasons.

Using mobile phones in or near the car will affect the quality of radio reception.



MP5 player

1. Volume rotation interaction:
 1. Rotate; adjust the volume;
 2. Single press: mute/unmute;
 3. Long press: Turn off the entertainment system.

(Note: part of the radio function is on the steering wheel)

2. In this application, return to the previous interface: After pressing continuously, it will finally return to the main menu;
3. Switch to the main menu;
4. Rotate left/right or break up/down, move the cursor in the area list up and down (move to the beginning or end of the list, and then rotate in the same direction, the cursor will move from the end or the beginning); to the left/ Click to the right to switch the area where the cursor is located (if there is only one cursor area in the interface, the right to break is invalid, and the left to break to return to the previous level), press to activate the corresponding function;
5. Set button;
6. Button of turning off the screen;

Notice issue:

1. USB storage with FAT file system with a maximum capacity of 2T;
2. Support FAT16, FAT32 and FAT12 file systems;
3. Support VFAT (long file name), folder hierarchy up to 16 layers;
4. The file name and folder name can be up to 260 bytes and is not case sensitive;
5. The file size of a single song does not exceed 2G;
6. Does not support USB, HUB, MTP, mobile hard disk;
7. Support audio formats: wav, m4a, 3gp, aac, asf, wma, mp1, mp2, MP3
8. For driving safety, please do not watch the video while driving.

Driving recorder

1. The ACC/ON file is automatically turned on. When it is turned on, press and hold the power unit for 2s to turn it off, and when it is off, press the power button to turn it on;
2. In the power-on state, you can click Driving Assistant on the MP5 main interface and enter the driving recorder interface;

3. Click on the driving recorder interface to bring up the driving recorder setting interface for parameter setting; in the paused recording state, click to enter the playback button to enter the recorded video review interface;
4. The driving recorder supports loop recording.

Notice issue :

1. The driving recorder has its own gravity sensor function. The factory setting is medium gravity sensor. Users can set it according to their needs. Users who have

enabled gravity sensor should enter the driving recorder setting interface regularly to format the driving recorder memory card To improve user experience.

2. If you record a video with a resolution of 1080P, the dash cam memory card (16G) can only save about two and a half hours of video. In case of a traffic accident, please save the valid video in time.

around the car, and processes the multiple video images collected at the same time into a 360-degree top view of the car's surroundings, and finally displays it on the dashboard screen. This function allows the driver to clearly check whether there are obstacles around the vehicle and understand the relative position and distance of the obstacles, helping the driver to park the vehicle easily.

1. Turn on or off

Turn on: the power is in the ACC/ON position, turn on the MP5 display, and press the panoramic parking on the main interface (or press the panoramic parking button on the right end of the dashboard).

Notice

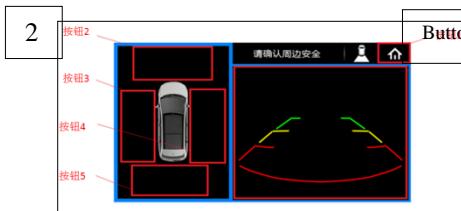
Because it takes about 6s to complete the startup of the panorama, if the user requests to display the panorama within 6s after switching the one-key startup to IGN, the corresponding request will not be responded in time. It is recommended that the user wait patiently and request after IGN ON 6s The panorama screen is displayed.

Close: Press the main interface button on the parking interface. Automatically close and enter: In the

Panoramic parking

The panoramic system sets up 4 wide-angle cameras around the car that can cover all the field of view

Reversing video system, heater , air conditioner, and audio system



panoramic parking interface, if the vehicle speed is greater than 25km/h, the panoramic parking is automatically closed, and when the vehicle speed returns to within 20km/h, the panoramic parking interface is automatically entered.

2. Interface operation

Button No	Button name	Button funtion
Button1	Home button	Close the panorama and return to the main

Button2	Front view button	Display the screen information of the front camera in the side view frame (button 2 area) in the airscape.
Button3	Left view button	Display the screen information of the left camera in the side view frame (button 2 area) in the airscape.
Button4	Right view button	Display the screen information of the right camera in the side view frame

Button5	Rear view button	(button 2 area) in the airscape. Display the screen information of the rear camera in the side view frame (button 2 area) in the airscape.
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 Indicates that the current view is forward

 Indicates that the current view is a rear view

 Indicates that the current view is left view

 Indicates that the current view is right view

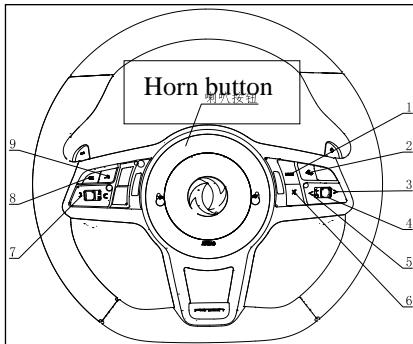


Notice

If the screen cannot be displayed or the display is abnormal, please go to the 4S shop for repair.

Steering wheel control function (if it has)

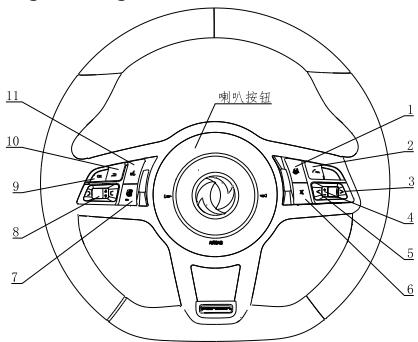
Low configuration



1. Short press to switch to MP3 mode (USB media exists) → AUX mode playback (AUX media exists) → Radio mode → MP3 mode (USB media exists);
2. When connects with the mobile phone's Bluetooth, press once to answer/end the call;
3. Short press the button, the next song (MP5 state)/search frequency plus (radio state); long press the button, fast forward (radio state);
4. Turn the scroll wheel back and forth to adjust the volume;
5. . Short press the button, the previous song (MP5 state)/search frequency reduction (radio state); long press the button, fast rewind (radio state);
6. Short press the mute button/short press again to cancel the mute; long press the mute button to turn off the MP5 screen, and then short press the mute button to turn off the MP5 screen to cancel;
7. The LCD instrument interface can be selected up, down, left and right;
8. Confirm key;

9. Back key to return to the previous interface.

High configuration



① Press the TJA button, and it works. TJA function is to assist driving in traffic jams, and automatically follow the car when the current car is moving;

② When connected with the mobile phone's Bluetooth, press one time to answer/hang up the call;

③ Short press the button, the next song (MP5 state)/search frequency plus (radio state); long press the button, fast forward (radio state);

④ Turn the scroll wheel back or forth to adjust the volume;

⑤ Short press the button, the previous song (MP5 state)/search frequency reduction (radio state); long press the button, fast rewind (radio state);

⑥ Short press the mute button ,then short press again to cancel the mute; long press the mute button to turn off the MP5 screen, and then short press the mute button to turn off the MP5 screen to cancel;

⑦ The steering wheel is heated;

⑧ The LCD instrument interface can be selected up, down, left and right;

⑨ Confirm key;

⑩ Press back key to return to the previous interface;

⑪ Voice recognition button is to wake up the voice assistant.

VI. Starting and driving

Run-in period

In order to prolong the service life of the vehicle, during the first 2500km, it is recommended that you observe the following precautions:

Please avoid emergency braking.

Do not drive at extremely high speeds.

Please avoid sudden acceleration.

Do not continue to drive at a low speed

Do not drive at a constant speed for a long time.

Before starting the engine



The driving characteristics of your vehicle may change drastically due to additional load, load distribution, or additional equipment. Your driving style and speed must be adjusted according to these factors. Especially when the load is too heavy, your vehicle speed must be appropriately reduced.

Confirm that there are no obstacles around the car.

Check the appearance and condition of the tire and whether the tire pressure is normal.

Check whether all car windows and lamps are clean or not.

Adjust the position of the seat and headrest.

Adjust the inner rearview mirror and the outer rearview mirror.

Wear seat belts and require all passengers to wear seat belts.

Ensure that all doors are safely closed.

Start the car and check the working conditions of each alarm/indicator.

The maintenance items in the chapter "Nine. Maintenance and What You Can Do" must be checked regularly.

Precautions when starting and driving

Warning

Do not leave children or adults without autonomy ability alone in the car, and pets cannot be left alone in the car. They may accidentally touch the switch or operate the control mechanism and cause serious accidents. In high temperature and sunny day, the temperature in the closed cab will rise rapidly, and the high temperature may cause serious injury to people or animals, even fatal.

In order to prevent luggage or packages from sliding forward when braking and causing injury to the

occupants, do not stack any items higher than the back of the seat in the compartment.

Driving mode

In different driving modes, the driving and handling characteristics of the vehicle are also different. You can choose the driving mode according to personal needs and specific road conditions and other factors (such as fuel economy, power performance, etc.).

The following vehicle characteristics will change with the selected driving mode:

1. Brake

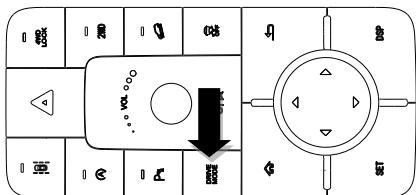
2. Steering
3. Engine and transmission management
4. Automatic start and stop function
5. Air conditioning control

Notice

Not all driving modes are applicable in all situations. If certain conditions apply, the current driving mode will automatically change. The selected driving mode is displayed on the driver display.

Selectable driving mode

You can switch between different driving modes through the driving mode button in the sub-instrument panel, and the vehicle characteristics change accordingly with the selected driving mode.



Comfortable: This is the default mode. When the vehicle is started or another driving mode is not applicable, the vehicle will always be in the

comfort mode. In this mode, the driving experience is comfortable, the required steering force is small, and the automatic start-stop function is enabled.

Sport: In this mode, the maneuverability and controllability of the vehicle are enhanced, and you can enjoy driving. The system further enhances the vehicle's mobility by reducing the steering assistance and speeding up the steering response. In this mode, the automatic start-stop function is turned off.

Economical: In this mode, the characteristics of the vehicle change,

driving more energy-saving and more efficient. In order to save energy, certain heating settings and ventilation settings may be automatically reduced or turned off. In this mode, the automatic start-stop function is enabled.

Exhaust gas (Carbon monoxide)



- Do not inhale exhaust gas. The exhaust gas contains colorless and odorless carbon monoxide. It is a dangerous gas that can make people coma or even fatal.

- If you suspect that exhaust gas has entered the cab, open all windows and inspect the vehicle immediately.
- Do not let the engine run for a long time in a confined space, such as a garage.
- Do not let the engine run for a long time while it is stopped.
- Please drive the vehicle with the back door closed, otherwise vehicle exhaust will enter the cab. For special reasons, you need to drive the vehicle with the back door open. Please follow the next precautions:
- Open all windows, turn off the internal air circulation mode of the car, and turn the fan speed to the highest to circulate the air.
- If the electrical harness or harness connector must pass through the back door seal or the body, please follow the manufacturing recommendations to avoid carbon monoxide from entering the cab.
- If special devices or equipment need to be added to the vehicle for entertainment or other purposes, please follow the manufacturer's recommendations to prevent carbon monoxide from entering the cab. (Some equipment such as stoves, refrigerators, heaters, etc. will produce carbon monoxide)
- In the following conditions, check the exhaust system and the body :
 - 1) When the vehicle is raised for maintenance ;
 - 2) When you suspect that exhaust gas enters the cab;
 - 3) When you notice a change in the sound of the exhaust system ;
 - 4) When your vehicle's exhaust system, underbody and rear are damaged in an accident.

Three-way catalytic converter



warn

- The exhaust system and exhaust gas temperature is very high,

- please keep people, animals, flammable materials, etc. away from the exhaust system components.
- Do not park the vehicle on flammable materials, such as hay, waste paper or rags, etc., as this may cause the materials to catch fire.
- The three-way catalytic converter is an emission control product installed on the exhaust system. The exhaust gas in the three-way catalytic converter is burned at a high temperature to

reduce the emission of pollutants.



warn

- Do not use leaded gasoline (see "Fuel/Lubricant and Capacity Recommendations" in the "Ten. Technical Information" chapter). Some components in leaded gasoline will greatly reduce the performance of the three-way catalyst or even damage it. .
- Frequently tune the engine. Failure of the ignition system, fuel injection system or electronic control system will cause excessive fuel flow to the

three-way catalytic converter and cause overheating. Do not continue to drive the vehicle when the engine is poorly ignited, the performance of the engine is significantly degraded, or an unusual fault occurs, and the vehicle is sent to the dealer for fault detection.

- Avoid driving the vehicle with very little fuel in the fuel tank. When the fuel is exhausted, the engine will stall and the three-way catalytic converter will be damaged.

- When warming up the engine, do not slam on the accelerator.
- Do not use a cart or trailer to start the vehicle.

G particle catcher (GPF)

G particulate trap is an emission control product that is installed on the exhaust system to filter soot particles in the exhaust and improve exhaust emissions.

In the driving process, when a certain amount of carbon is captured by the G particle filter (GPF), the vehicle will automatically start the regeneration process after a certain condition is reached to fully burn the

carbon particles to regenerate the GPF and avoid excessive capture and regeneration. As the carrier withstands temperature damage to the carrier and the increase in back pressure results in a decrease in power.

The GPF will uniformly trap the non-renewable ash and other impurities. When the particulate matter accumulates to the maximum value of the GPF, the user can choose to blow down the GPF with air exhaust in the opposite direction; when the GPF is completely blocked or damaged, it is recommended that

the user go to the nearest 4S point Repair or replace.

Precautions while driving

Driving a vehicle according to environmental conditions is very important for safety and comfort. As a driver, you must know how to drive under the existing environmental conditions.

Engine cold start

Due to the high engine speed, the gears should be operated carefully during the warm-up period after the cold car is started.

Cargo loading

The load and its distribution and accessory equipment (connectors, roof racks, etc.) will drastically change the handling and driving characteristics of the vehicle. Your driving style and speed must be adjusted according to the actual situation.

Driving on wet roads

- Avoid sudden start, acceleration and braking.
- Avoid sharp turns or sudden lane changes.
- Keep a safe distance from the vehicle ahead.

- When there is water on the road, reduce the speed to prevent slipping and loss of control. Wearing tires will increase the risk in this situation.

Winter driving

- Drive safely.
- Avoid sudden start, acceleration and braking.
- Avoid sharp turns or sudden lane changes.
- Avoid sudden steering movements.
- Keep a safe distance from the vehicle ahead..

Start the engine

- Use the parking brake.
- Depress the brake pedal.
- When starting the engine, move the joystick to the "N" gear (neutral gear) or "P" gear position.
- Press a button to start, start the engine, and step on the brake pedal.
- After the engine starts, immediately release the one-key to start. If the engine can start but cannot run, repeat the above procedure.

If the engine is difficult to start in very cold or hot weather, step on

the accelerator pedal to help start the engine.



Notice

- It should not exceed 5 seconds to start the engine in one operation. If the engine cannot be started, wait for 10 seconds and start again, otherwise the starter may be damaged.
- If you need to use auxiliary battery and jumper to start the engine, you must carefully follow the instructions and precautions of "Jump start" in the chapter "VII. Emergency measures".

- After the engine is started, let the engine run without load for at least 30s to warm up. Please drive a short distance at a medium speed first, especially in winter.

Cruise control

Function description

When driving on a straight and unobstructed highway, the cruise control system allows you to keep the vehicle at a set speed without having to step on the accelerator pedal.



Function switch

1. When the cruise is off, move the cruise control switch handle backward to ON/OFF, the cruise function is turned on, the cruise indicator on the instrument flashes, and the cruise enters the ready state. Move the cruise handle down to the SET-position to activate the cruise control. After activation, the cruise indicator of the instrument will be on. At this time, the handle will automatically reset to the middle position after being moved.

2. When the cruise is turned on, move the cruise control switch handle backward to the ON/OFF position, the function will be turned off, and the indicator light of the instrument will go out. At this time, the handle will automatically reset to the middle position after being moved.

3. Function activation conditions

The activation condition of the cruise control function is that the automatic gear is in D/S/M and the vehicle speed is not less than 40km/h, and the shift lever is set to SET/-.

Increase speed

There are two ways to increase the speed of the vehicle.

1. Move the cruise handle up to the RES/+ position and hold it to continuously increase the vehicle speed. When the desired vehicle speed is reached, release the cruise handle.
2. Depress the accelerator pedal to accelerate the vehicle to the required speed (vehicle speed is within the range of about 40~160km/h), move the cruise handle down to the SET/- position to set the new speed, and the

cruise handle will automatically reset after releasing it .

Slow down

There are two ways to reduce the vehicle speed.

1. Move the cruise handle down to the SET/- position and hold it to continuously reduce the vehicle speed. When the desired vehicle speed is reached, release the cruise handle.
2. Depress the brake pedal to decelerate the vehicle to the required speed (vehicle speed is within the range of about 40~160km/h), move the cruise handle down to the SET/- position to set the new speed, and the

cruise handle will automatically reset after releasing .

De-cruise

There are 3 ways to release the vehicle speed.

1. Depress the brake pedal.
2. turn on the active speed limit function.
3. Put the automatic gear into neutral or first gear.

4. Resume cruise

After the cruise is released (when the cruise system is not turned off), when the vehicle meets the speed, gear and other conditions required for

cruise, dial up the cruise control handle switch RES+ to restore the memory speed and continue cruising.

Temporarily accelerate

During the cruise control vehicle, if the driver wants to accelerate temporarily, he can step on the accelerator pedal for a short time to accelerate the overtaking; after releasing the accelerator pedal, the vehicle will return to the speed set before overtaking and continue cruising.

Active speed limit

The key input of the active speed limit is on the handle of the

combination switch, and SET- and RES+ are shared with the cruise control. Press the active speed limit main switch, the active speed limit function is turned on and enters the standby state, the speed limit indicator is on but the speed limit value is not displayed.

Active speed limit activation

The active speed limit can be activated in each gear, and the target speed limit value will be displayed in the speed limit indicator after activation.

If it cannot be activated, check whether the body controller sends

the key signal correctly. In addition, the existence of speed limit switch failure, throttle failure, etc. will cause the speed limit to not be activated.

The speed limit can be activated in the range of 30km/h—130km/h. If the current speed is lower than 30km/h, the speed limit function will be activated at 30km/h; if the current speed is higher than 130km/h, the speed limit will be activated at 130km/h. Function; if the current vehicle speed is within this range, the speed limit function will be

activated at the current vehicle speed.

Target speed limit adjustment for active speed limit:

1. When the speed limit switch is turned on, if the activation conditions are met, press SET to activate the speed limit;
2. Tap or long press SET to set a smaller target speed limit value;
3. Tap or long press RES to set a larger target speed limit value.

Withdrawal and recovery of active speed limit

1. Press the active speed limit switch button

2. Press the cruise main switch button (at this time, turn off the speed limit and turn on the cruise)

3. When the speed limit is activated, if the driver depresses the accelerator and approaches full throttle, it is considered that the driver has overtaking intention and will temporarily exit the active speed limit mode. After the driver releases the accelerator pedal, the actual vehicle speed will gradually decrease, and the actual vehicle speed will drop to overtaking. At the previous target speed limit value, the system automatically restores to the

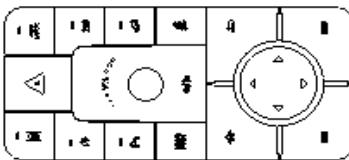
active speed limit activation state at the target speed limit value before overtaking.

Automatic start-stop system

If the vehicle is parked in a traffic jam or stop-and-go situation, the automatic start-stop function may automatically shut down the engine and restart the engine when you want to move forward again.

The automatic start-stop system is designed to reduce fuel consumption. This function ensures that fuel is only used when the vehicle is actually driving by temporarily turning off the engine.

Automatic start-stop switch position



Enable/disable automatic start and stop

The driver can decide to turn on/off the engine start-stop function by operating the start-stop switch button, and the indicator light on the start-stop switch will give a corresponding prompt.

Icons in the driver display



When the automatic start-stop system is activated and in automatic shutdown, a green icon is displayed.



This icon is displayed when the automatic start-stop system is faulty and unavailable.

Trigger automatic shutdown

When the driver is driving the vehicle, he steps on the brake pedal to stop the vehicle and hold it, and the engine will automatically stop.

Limitations of automatic start-stop function

If any of the following conditions occur, the engine will not stop automatically:

- After several consecutive automatic stops, the vehicle speed has not yet reached a sufficiently high speed.
- You have not fastened your seat belt or closed the door.
- The power of the starting battery is below the minimum allowable level.
- The starting battery temperature is below or above the allowable

limit level.

- The operating temperature of the engine is abnormal.
- The air conditioner is working.
- There is a fault in the start-stop system.

Trigger automatic start

When it stops automatically, you can trigger the engine to start in the following ways:

- Release the brake application.
- Lightly step on the accelerator pedal.
- Turn the steering wheel.
- Turn on the air conditioning and

refrigeration system.

- Turn off the start-stop function.
- The automatic shutdown is too long.

Limitations of the auto-start function

If any of the following occurs, the engine will not automatically start again after the automatic stop:

- You have not fastened your seat belt
- The shift lever is in P (applicable to automatic transmission vehicles) or neutral (applicable to manual transmission vehicles).

- The driver's door is opened.

Notice

- Before wading and driving, please disable the automatic start-stop function. When the engine restarts automatically, if water enters the air filter, it may damage the engine.
- On steep roads, please try to turn off the start-stop function.
- Before you leave the vehicle or inspect the vehicle, please make sure that the engine has been completely turned off and not in an automatic shutdown state.

Adaptive cruise control (ACC)

Function description

The adaptive cruise control (ACC) system is a comfortable driving assistance system that can comprehensively control the distance between the vehicle's speed and the vehicle in front. The ACC system provides a more relaxed driving experience during long-distance trips on highways and long straight arterial roads with smooth traffic. When a vehicle is driving, if there is no other vehicle in front of the same lane, the ACC system controls the vehicle to

drive at the set speed; if there are other vehicles in front of the same lane, and the speed of the vehicle in front is lower than the set speed of the vehicle, it will keep the set time interval with the vehicle ahead and follow the vehicle ahead.



warn

- The ACC system is only an auxiliary tool, and cannot replace the driver's judgment on the road and traffic conditions, let alone the driver's driving. In

- any case, the driver should be responsible for the safety of the vehicle and must always concentrate on driving carefully.
- When the ACC system is not in use, please turn it off to avoid misoperation of the ACC system.
- Incorrect use of the ACC system may cause a crash.
- The ACC system can only be used when driving on unobstructed roads in good weather conditions.
- In urban areas, winding roads, narrow roads, slippery roads,

heavy rain or other severe weather conditions, it is not recommended to use the ACC system.

- When driving on a sloping road, it is not recommended to use the ACC system. When driving up and downhill, the ACC system cannot maintain the set speed.
- When the ACC system is activated, the driver is prohibited from leaving the driving position.
- After activating the ACC system, if you want to slow down as

quickly as possible, you should depress the brake pedal as usual.

- Due to the complex driving environment of real-time traffic, roads, weather and other vehicles, radar cannot ensure correct detection under various conditions. In severe circumstances, the driver must turn off the ACC system, drive carefully, and be responsible for the driving of the vehicle.
- In the case of a curve, a relatively high speed relative to the vehicle in front, and close to irregular targets (such as large

trucks, tankers, buses, towed vehicles, etc.), the ACC system may be late to recognize the target, and the driver must remain vigilant, Take over vehicle control in time.

- If the vehicle is driving on flat and open roads (such as desert roads, Gobi roads, bridges, etc.) for a long time without radar wave reflectors, it may cause the radar to report blindness.

Function switch



1. When the ACC system is turned off, move the ACC switch handle backward to the ON position, the ACC system is turned on, the indicator ACC system indicator on the meter is white and the ACC system enters the ready state. Flip the ACC system switch to the SET/- position to activate the ACC system. After activation, the indicator ACC

system indicator of the instrument will be steady green.

2. When the ACC system is turned on, turn the ACC system switch forward to the OFF position, the function is turned off, and the indicator light of the instrument goes out.

Function activation conditions

ACC system function activation conditions:

1. The engine starts;
2. Fasten the driver's seat belt;
3. The main driving door and front cover are completely closed;
4. The gear is in the forward gear;

5. The ESC function is on;
6. The electronic handbrake is in the released state;
7. Vehicle speed 0~150km/h;
8. There is no fault in the ACC system.

Increase cruise speed

There are two ways to increase the speed of the vehicle.

1. Move the cruise handle up to the RES/+ position and hold it to continuously increase the vehicle speed. When the desired vehicle speed is reached, just release the control lever. Shortly press the cruise handle upwards to RES/+, and the speed will

increase by 1km/h each time you press it. Long press the cruise handle up to RES/+, the vehicle speed will first increase to the nearest multiple of 5km/h, and then continue to increase by 5km/h.

2. Depress the accelerator pedal to accelerate the vehicle to the required speed (vehicle speed is within the range of about 30~150km/h), move the cruise handle down to the SET/- position to set the new speed, and the cruise handle will automatically reset after releasing .

Decrease cruise speed

There are two ways to reduce the vehicle speed:

1. Move the cruise handle down to the SET/- position and hold it to continuously reduce the vehicle speed. When the desired vehicle speed is reached, release the cruise handle. Shortly press the cruise handle down to SET/-, and the speed will decrease by 1km/h every time you press it. Long press the cruise handle down to SET/-, the vehicle speed will be reduced to the nearest multiple of 5km/h, and then continue to decrease by 5km/h.

2. Depress the brake pedal to decelerate the vehicle to the required speed (vehicle speed is within the range of about 30~150km/h), move the cruise handle down to the SET/- position to set the new speed, and the cruise handle will automatically reset after releasing it .

De-cruise

There are two ways to release the speed:

1. Step on the brake pedal;
2. Turn the ACC system switch to the CANCEL position.

When the following conditions occur, the system will automatically deactivate adaptive cruise:

1. The engine is off;
2. The driver takes off the seat belt;
3. The main driving door and front cover are not completely closed;
4. The gear is not in the forward gear;
4. The ESC function is closed/activated;
6. The electronic handbrake is in the pulled up state;
7. The vehicle speed is higher than 150km/h;
8. The ABS system is activated;

9. The steep slope descent system is activated;
10. The brake disc is overheated;
11. The vehicle slips behind;
12. ACC system failure;
13. Follow the vehicle ahead and stop after 3 minutes.

Note: In this ignition cycle, after the ACC system is disengaged, the system will memorize the set vehicle speed before disengagement.

Resume cruise

After disabling the ACC system (when the ACC system is not turned off), when the vehicle meets the speed, gear and other conditions required for

cruising, turn the ACC system switch to the RES/+ gear, and the adaptive cruise will continue at the memory set speed.

Temporarily accelerate



When the ACC system is activated, if the driver wants to accelerate temporarily, he can briefly depress the accelerator pedal to accelerate overtaking; after releasing the accelerator pedal, the vehicle will return to the speed set before

overtaking and continue adaptive cruise.

Set time interval

After the ACC system is activated, turn the ACC system switch to the HEADWAY position to adjust the following time distance cyclically. Each time it is toggled, the time distance level is smaller. When the time distance is the smallest, turn HEADWAY to adjust to the maximum time distance. At the same vehicle speed, the shorter the set following distance and the smaller the following distance, the shorter the reaction time left for the driver.

There are 4 gears in the following time distance. Each time the vehicle restarts, the following time distance is the longest time distance by default, as follows:



Number of lines	Workshop time
1	small
2	medium
3	Big
4	maximum



Notice

- The inter-vehicle time distance is not a fixed distance, and the actual distance to the vehicle in front will vary with the speed of the vehicle.
- Compared with driving on dry roads, when driving on slippery roads, you should choose a larger inter-vehicle time distance.

Curve deceleration function

After the ACC system is activated, if the speed of the vehicle entering the curve is too high, the ACC system can appropriately reduce

the vehicle speed. After entering a curve, you may feel that the vehicle speed is temporarily high, which is normal.



- When driving on a curve, the ACC system may not be able to detect vehicles in the same lane in time, causing the vehicle to brake too late; it may also detect vehicles in other lanes by mistake, causing unnecessary braking.
- When driving on a sharp turn road (such as a snake road), if the vehicle ahead moves out of

the detection range of the sensor, it may cause the vehicle to accelerate suddenly. The driver must be cautious at all times and be ready to manipulate the vehicle at any time.

Follow the target to change

If the vehicle in front detected by the ACC system leaves the lane, the ACC system will re-select the target vehicle in the lane to follow the car. If no new target vehicle is found, it will cruise at the set speed.



If the vehicle in front leaves the lane and there is a stationary car in

front of the car at the same time, the ACC system cannot respond to the stationary car, and the driver must intervene and brake by himself.

Auto follow stop function

The ACC system enables the vehicle to follow the nearest vehicle directly in front of the vehicle within the range of 0~150 km/h. In the case of traffic congestion, the ACC system can control the vehicle to follow the vehicle in front to decelerate to a stop. If the vehicle in front leaves within 3 seconds, the ACC system will control the vehicle to follow automatically; if the parking time is between 3 seconds

and 3 minutes, Then the driver can use one of the following methods to restart the cruise function:

1. Toggle the control lever to RES/+;
2. Lightly step on the accelerator pedal.
3. If the parking time exceeds 3 minutes, the ACC system will quit working and automatically park the vehicle. The system will also automatically park the vehicle when the following conditions occur:

1. The main driving door is opened;
2. The driver unfastened his seat belt;
3. The engine stalls;
4. The engine hood is opened;
5. Close ESC;
6. The gear is not in the forward (D) gear.



Notice

- When following the vehicle in front of you stop within 3 seconds or following a low-speed vehicle, if you turn the steering wheel at a large

angle until the recognized vehicle in front disappears, the ACC system will exit and the driver needs to take over the vehicle.

- At a short distance in front of the radar, if a vehicle suddenly cuts into a moving vehicle (such as a vehicle changes lanes), the ACC system may be slow or unresponsive to the vehicle that cuts into it suddenly. The driver must be cautious and be prepared to control the vehicle at any time.

Driver takeover reminder

The ACC system can apply a maximum braking force equal to approximately 40% of the vehicle's braking capacity.

If the ACC brake is not enough to keep a proper distance from the vehicle in front, the meter will sound a continuous alarm, and the driver will be prompted to step on the brake through the picture. The driver must immediately intervene to avoid a collision.



Fault handling

When ACC detects that the radar is blocked, the radar is malfunctioning, or the related system (such as ESC) is malfunctioning, the ACC system indicator on the meter turns yellow, and the meter prompts "Front radar is blocked" or "ACC system failure".

1. The radar is blocked:



Please confirm whether the surface of the radar is clean and remove the contaminants on the surface. After cleaning the surface of the radar, the

fault cannot be automatically eliminated for a long time. Please go to DFSK authorized service outlets for maintenance.

1. ACC system failure:



The fault reminder cannot be automatically eliminated for a long time, and the fault still exists after restarting the vehicle. Please go to DFSK authorized service outlets for maintenance.

In the following situations, please be sure to go to DFSK authorized

service outlets to conduct professional calibration of the radar:

1. Remove or reinstall the radar or front impact beam.
2. External forces, etc. cause the radar to be unstable or positional abnormally.
3. The vehicle has collided.
4. The performance of the ACC system is degraded (for example, the distance to the target is abnormally shortened or the vehicle in the side lane is often misidentified, etc.).

The radar sensor is located in the middle of the front bumper. In

addition to being used by ACC, it is also used for the following functions:

- 1.Traffic jam assist function/integrated cruise assist system;
- 2.Front collision warning system;
- 3.Automatic emergency braking system.



Notice

Improper maintenance of the front end of the vehicle may cause the radar position to change, thereby affecting the function of the ACC system. Therefore, the maintenance work must be carried out by DFSK service outlets.



Notice

- In environments where radar signals are strongly reflected (such as multi-storey parking lots, tunnels, etc.), the performance of the radar may be greatly reduced, and the driver must cancel or turn off the ACC system.
- Structurally modified vehicles (such as lowering the chassis height, changing the front-end license plate mounting plate, etc.) may reduce the performance of the ACC system and even make the ACC system unusable.

Traffic jam assist/integrated cruise assist

Function description

Traffic jam assistance (TJA) system: The TJA system provides longitudinal and lateral assistance to the driver in traffic jams. The typical speed range is 0-60 km/h.

Integrated cruise assist (ICA) system: The ICA system provides longitudinal and lateral assistance to the driver in a monotonous driving environment. The typical speed range is 60~150km/h.

Functional Overview:

The TJA/ICA system provides longitudinal and lateral assistance to the driver within 0~150km/h.

The longitudinal assistance is implemented by the ACC system, and the lateral assistance provides different assistance solutions based on different speed ranges:

1. In the TJA speed range (usually 0 ~ 60 km/h), if the lane line exists, the vehicle will be maintained in the lane; otherwise, the vehicle will follow the vehicle in front to drive laterally.
2. In the ICA speed range (generally above 60~150 km/h), the

vehicle will be maintained near the center of the lane.

The TJA/ICA system can reduce the workload of the driver and provide a comfortable driving environment in a monotonous driving environment or traffic jam.



Notice

- ACC system auxiliary mode does not have this function.
- When the ACC system is cancelled, this function will be cancelled at the same time.



Notice

- This system does not provide automatic driving function, and

it is not allowed to drive without hands. If the system detects the driver's hands-off behavior and continues for a period of time, the system will issue a hands-off warning until the system exits from work, and the function is not allowed to be activated again under the current ignition state .



- In environments that require the driver to take over, such as turning, crossing, merging, and

cutting in, the driver is fully responsible for the driving of the vehicle.



Notice

In the following situations, the traffic jam assist system may not work properly or does not work:

- When the lane line is not clear and the following targets are lost;
- When the vehicle is greatly affected by the crosswind;
- When strong light illuminates the camera or the light intensity changes suddenly;

- When there are objects on the road surface that affect the recognition of lane boundaries (such as water, gaps, ruts, text signs, bumps or pits, etc.);
- When visibility is low (such as rain and snow, haze, night, etc.);
- When lanes merge or separate;
- When the front windshield glass around the camera is dirty, damaged or covered;
- When driving on sharp turns or narrow roads.
- When driving too close to the vehicle in front, obstructing the detection range of the camera.

● Function switch

Function on:

- 1 No functional failures are detected, such as radar or camera hardware failures;
- 2 The driver turns on the TJA/ICA function in the MP5.

Function closed:

- 1 A functional failure is monitored;
- 2 Turn off the TJA/ICA function in MP5.

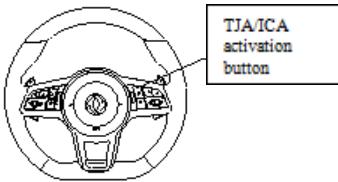
3 TJA/ICA system function activation

When all the following activation conditions are met, the driver

presses the TJA/ICA system activation button. After activation, the TJA/ICA system function indicator light will turn green.

- 1 The ICA/TJA system function has been turned on;
- 2 The driver turns on the ACC function and the ACC system is in an active state;
- 3 The TJA/ICA function indicator is white;
- 4 Turn signal and hazard warning light are not turned on;
- 5 The turning rate of the driver's steering wheel is not too high;

- 6 The speed of the driver's accelerator pedal is not too high;
- 7 EPS is available.



TJA/ICA System deactivated

When the TJA/ICA system is active, pressing the TJA/ICA system activation button again will deactivate the state, and the TJA/ICA status indicator will turn white.

The function will be automatically cancelled when the following conditions exist:

- 1 Turn on the turn signal or hazard warning light;
- 2 The turning rate of the driver's steering wheel is too large;
- 3 The speed of the driver's accelerator pedal is too high;
- 4 EPS is in an unusable state;
- 5 The ACC system is not activated or not in overriding mode;
- 6 The vehicle speed is higher than 150km/h;

- 7 It is detected that the driver's hands-off time is too long;
- 8 The system detects emergency braking.

TJA/ICA system recovery

In the same ignition state, after the TJA/ICA system function exits, under the condition of TJA/ICA system function activation, the driver presses the TJA/ICA activation button again, and the vehicle speed set by the last system will be restored. Reactivate the system.

The driver takes over the TJA/ICA system

When the TJA/ICA system is activated, if the system monitors that the driver is operating the steering wheel, the lateral control assist function will be briefly exited. After the driver stops operating the steering wheel and the conditions are met, the function will be reactivated.

TJA/ICA system automatically follows and stops

The automatic follow-up stop of the TJA/ICA system is consistent

with the ACC. For details, please refer to the automatic follow-up stop of the ACC system.

TJA/ICA system lane assist

The lane centering assist functions of TJA and ICA systems are different, as follows:

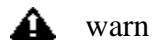
The working speed range of TJA system is 0 ~ 60 km/h, mainly in the following situations:

1. When the system recognizes the lane line and there is a vehicle ahead, follow the vehicle ahead and keep driving in the center of the lane;

2. When the system recognizes the lane line but there is no vehicle ahead, keep driving in the center of the lane at the set cruising speed;
3. When the system cannot recognize the lane but there is a vehicle ahead, follow the trajectory of the vehicle ahead;
4. When the system cannot recognize the lane and there is no vehicle ahead, the TJA function exits to ACC.
The working speed range of ICA system is 60 ~ 150 km/h,

mainly in the following situations:

1. When the system recognizes the lane line and there is a vehicle ahead, follow the vehicle ahead and keep driving in the center of the lane;
2. When the system recognizes the lane line but there is no vehicle ahead, keep driving in the center of the lane at the set cruising speed;
3. If the lane cannot be recognized, the ICA function exits to ACC.



warn

- ACC system auxiliary mode does not have this function.
- When the ACC system is cancelled, this function will be cancelled at the same time.



Notice

- In some cases, the lane centering function may not work properly or not work when cruising. E.g:
- The lane demarcation lines are blurred and non-standard lane demarcation;

- The line or lane dividing line is covered, etc.;
- When there are objects on the road surface that affect the recognition of lane boundaries (such as water, gaps, ruts, text signs, bumps or pits, etc.);
- When visibility is low (such as rain and snow, haze, night, etc.);
- When the vehicle is greatly affected by the crosswind;
- When lanes merge or separate;
- When strong light illuminates the camera or the light intensity changes suddenly;
- When the front windshield glass around the camera is dirty, damaged or covered;
- When driving on sharp turns or narrow roads;
- When driving too close to the vehicle in front, obstructing the detection range of the camera.

● **Functional limitations**

In the following situations, the TJA/ICA system may not take braking measures:

1. When suddenly cutting into the vehicle ahead;
2. When driving at high speed (above 60 km/h), there is a low-speed vehicle ahead;
3. When oncoming vehicles are in the same lane;
4. Vehicles or objects crossing the traffic lane;
5. Pedestrians or animals, and small vehicles (such as bicycles, motorcycles);
6. When the vehicle ahead decelerates suddenly;
7. When water, snow or mud splashed by surrounding vehicles hinder the sensor's detection;

8. When the front of the car is upturned due to too many items in the luggage area;
9. When driving on a curved or narrow road;
10. When the tail size of the following vehicle is small or the ground clearance is very high;
11. When the steering wheel is unstable or your position in the lane is unstable.

Takeover tips

When the TJA/ICA system monitors that the driver's hands have left the steering wheel for the first

level of hands-off warning, the system will issue a takeover prompt and the combination meter will display an alarm message. At this time, the TJA/ICA function remains active and works normally.



When the driver receives the takeover prompt, he should immediately hold the steering wheel. Don't panic and avoid slamming the direction unnecessarily. When the TJA/ICA system re-monitors the hand torque exerted on the steering

wheel, it can recognize that the driver is holding the steering wheel, and the takeover prompt is cancelled.

The system may misjudge the driver's hand lightly on the steering wheel as having both hands off the steering wheel. In this case, when the system issues a steering wheel takeover prompt, the driver only needs to hold the steering wheel slightly or shake the steering wheel slightly, and the system can detect the torque on the steering wheel, and the takeover prompt will be cancelled.

If the driver still leaves the steering wheel with both hands until the second level of hands-off warning is triggered, the TJA/ICA system will enter the takeover request state, and the system will issue a stronger takeover prompt (the combination meter emits a flashing warning light), and the buzzer will sound. The driver is warned to take over the vehicle immediately. At this time, the TJA/ICA function remains active and works normally.



If the driver still leaves the steering wheel with both hands until the third-level release warning is triggered, the TJA/ICA system will enter a disabled state, and the system will issue a warning message related to system ¹ disablement until the system can detect that the driver is holding the steering wheel again. The TJA/ICA system will not be able to restart during this ignition cycle.

Fault handling

Millimeter wave radar:

When the TJA/ICA system detects that the radar is blocked, the radar is malfunctioning, or the related system (such as ESC) is malfunctioning, the TJA/ICA system status indicator on the meter turns yellow, and at the same time, the meter prompts "Radar is blocked" or "TJA" system error".

The radar is blocked:



Please confirm whether the surface of the radar is clean and

remove the contaminants on the surface. After cleaning the surface of the radar, the fault cannot be automatically eliminated for a long time. Please go to DFSK authorized service outlets for maintenance.

1. TJA/ICA system failure:

The fault reminder cannot be automatically eliminated for a long time, and the fault still exists after restarting the vehicle. Please go to DFSK authorized service outlets for maintenance.

In the following situations, please be sure to go to DFSK authorized

service outlets to conduct professional calibration of the radar:

1. Remove or reinstall the radar or front impact beam.
2. External forces, etc. cause the radar to be unstable or positional abnormally.
3. The vehicle has collided.
4. The performance of the

TJA/ICA system is degraded (for example, the distance to the target is abnormally shortened or the vehicle in the side lane is often misidentified, etc.).

The radar sensor is located in the middle of the front bumper. In addition to being used by the TJA/ICA system, it is also used by the following functions:

1. ACC system;
2. Front collision warning system;
3. Automatic emergency braking system.



Notice

Improper maintenance of the front end of the vehicle may cause the radar position to change, thereby affecting the function of the TJA/ICA system. Therefore, the maintenance work must be carried out by DFSK service outlets.

Warning

- In environments where radar signals are strongly reflected (such as multi-storey parking lots, tunnels, etc.), the performance of the radar may be greatly reduced, and the driver must cancel or turn off the TJA/ICA system.

- Structurally modified vehicles (such as lowering the chassis height, changing the front-end license plate mounting plate, etc.) may reduce the performance of the TJA/ICA system, and even make the TJA/ICA system unusable.

Camera:

When the TJA/ICA system detects that the camera is blocked or the camera-related system fails, the TJA/ICA system indicator on the meter turns yellow, and there is a corresponding text reminder on the meter.

1. The camera is blocked:

If the meter prompts "The camera is blocked", please turn on the wiper to clean the front windshield and restart the vehicle. If

the fault still exists, please go to the DFSK authorized service point for processing.

2. TJA/ICA system failure:

The fault reminder cannot be automatically eliminated for a long time, and the fault still exists after restarting the vehicle. Please go to a DFSK authorized service point for inspection.

Caution

When the meter prompts that the TJA/ICA system camera sensor is limited in detection, please check to make sure that the camera surface is clean and free of obstructions.

Forward collision avoidance warning Function description

When the current collision warning system (FCW) detects a potential collision risk ahead, it will issue an audible and visual warning, and apply a short brake when the situation continues to deteriorate to warn the driver. These warning messages are designed to provide the driver with sufficient reaction time to avoid or eliminate potential collisions.

Function switch

After starting the engine, the front collision warning system is turned on by default. The front collision warning system can be manually turned on or off through

the MP5 system, and three gears of high, medium and low sensitivity of the front warning system can be set through the MP5. The alarm sound of forward collision warning can be set through MP5.



Function Description

Safety distance prompt function:

If the vehicle speed exceeds 65 km/h, and the current collision warning system determines that the distance to the vehicle in front is too small, the instrument cluster will display the prompt message "Please keep a safe distance".



Caution

- When the ACC system is working, the safety distance prompt function will be turned off.

There are two levels of front collision warning, which are pre-alarm with a lower collision risk and emergency alarm with a higher collision risk.

Pre-alarm: audible alarm, and alarm information is displayed on the instrument at the same time.



Emergency alarm: short braking.

If the vehicle speed exceeds 30 km/h, when the current collision warning system detects a potential front collision risk, the instrument cluster will display an alarm message and sound an alarm tone.

At this time, the driver should take measures in time.

If the situation continues to deteriorate, the system will brake briefly. At this time, the driver must manipulate the brake pedal or steering wheel by himself to prevent collisions.

In the event of a sudden and dangerous situation (for example: the vehicle in front suddenly brakes suddenly, etc.), the two alarms may be activated at the same time, and the driver must drive carefully.

Caution

- The front collision warning system is only an auxiliary tool and cannot replace the driver's judgment on the road and traffic conditions, let alone the driver's

driving. In any case, the driver should be responsible for the safety of the vehicle and must always concentrate on driving carefully.

- In complex driving conditions, the front collision warning system may give unnecessary alarms. The front collision warning system cannot detect and respond to the following situations. Please drive with caution:

Pedestrians or animals, and small vehicles (such as bicycles, motorcycles);

Vehicles or objects that are stationary or that cross a traffic lane.

Oncoming vehicles in the same lane.

⚠ Caution

- Please keep the sensor clean, do not stick any objects, and not be covered by foreign objects such as ice, snow, mud, etc., so as not to affect the normal operation of the sensor.
- Improper maintenance or modification of the vehicle may cause the sensor to be misaligned and affect the normal operation of the system. Therefore, it is recommended that you go to the service provider to maintain and repair the vehicle.

Fault handling

When the FCW system detects that the camera is blocked, the system is faulty, or the

camera-related system fails, the FCW system indicator on the meter turns yellow, and the reason for the failure is indicated on the meter.

1. The camera is blocked

When it is confirmed that it is blocked by a foreign object, please turn on the wiper to clean the front windshield and restart the vehicle. If the fault still exists, please go to the DFSK authorized service outlet for repair.

2. The radar is blocked:



Please confirm whether the surface of the radar is clean and remove the contaminants on the

surface. After cleaning the surface of the radar, the fault cannot be automatically eliminated for a long time. Please go to the DFSK authorized service point for inspection.



3. Forward collision warning system failure

The indicator prompt cannot be automatically eliminated for a long time. The fault prompt still exists after restarting the vehicle. Please go to the DFSK authorized service point for inspection.

Automatic emergency braking system

Function description

If the driver does not respond to a possible collision or takes insufficient braking force, the automatic emergency braking system (AEB) will brake the vehicle and pedestrians to a limited extent in order to reduce the speed of the possible collision and reduce the consequences of the accident. Regarding the effective targets recognized by the system, the system may not always achieve the same level of performance according to different vehicles, scenes, and road conditions.



Caution

- When the vehicle speed is low, the automatic emergency braking system can decelerate the vehicle to a standstill, but will not keep the vehicle at a standstill continuously. At this time, ask the driver to actively apply the brake.
- When the automatic emergency braking system triggers automatic braking, the brake pedal will feel "harder".
- The automatic braking process of the automatic emergency braking system can be terminated by stepping on the accelerator pedal or taking steering intervention.

Function switch

After starting the engine, the automatic emergency braking

system is turned on by default. The automatic emergency braking system can be turned on or off manually through the MP5 system.



Caution

- The automatic emergency braking system is only an auxiliary tool, and cannot replace the driver's judgment on road and traffic conditions, let alone driving. In any case, the driver should be responsible for the safety of the vehicle and

- must always concentrate on driving carefully.
- In complex driving conditions, the automatic emergency braking system may perform unnecessary braking. For example, when there is water sprayed or splashed at construction sites, railroad tracks, and in front of vehicles. The automatic emergency braking system cannot detect and respond to the following situations. Please drive with caution:

Vehicles or objects that are stationary or that cross a traffic lane.

Oncoming vehicles in the same lane.

⚠ Caution

- Please keep the sensor clean, do not stick any objects, and not be covered by foreign objects such as ice, snow, mud, etc., so as not to affect the normal operation of the sensor.
- Improper maintenance or modification of the vehicle may cause sensor misalignment and affect the normal operation of the system. Therefore, it is recommended that you go to the service provider to maintain and repair the vehicle.

Function Description

If the front collision warning system gives an alarm, if the driver has not responded to the collision alarm, the automatic emergency

braking system will actively brake to slow down or avoid the collision before the collision occurs, and at the same time display "Automatic emergency braking" on the meter.



The speed range of this function for pedestrians is about 4~60km/h.

The speed range of this function for vehicles is about 30~150km/h.

Pedestrian recognition

When the vehicle is equipped with a lane assist system, the early warning auxiliary braking system can identify pedestrians for moving pedestrians crossing the road.

When the early warning auxiliary braking system is aimed at pedestrians, it includes a front collision warning system and an automatic emergency braking system.

The Pedestrian Front Collision Warning System will alert the driver to brake in time when there is a risk of rear-end collision with pedestrians crossing the road. The Pedestrian Front Collision Warning System will alert the driver to brake in time when there is a risk of rear-end collision with pedestrians crossing the road.

If the driver does not respond at all, the automatic emergency braking system will actively apply the brakes to avoid or reduce the injury caused by the collision.

Pedestrian recognition is to detect pedestrians through the intelligence of the front camera of the lane departure

warning system. The detection limitations of the camera will affect the performance of pedestrian recognition.

Warning

- Due to the complex driving environment of real-time traffic, roads, weather, etc., the camera cannot ensure correct detection under various conditions. If the camera cannot detect pedestrians in front of you, pedestrian recognition will not work.
- Severe weather (such as heavy rain, heavy snow, hail, etc.) and slippery roads (such as ice and snow, wet or watery roads, etc.) will cause the performance of

pedestrian recognition to decrease.

- The camera may not operate in cold and harsh weather conditions. Rain, snow, fog, and low illumination can affect the camera's recognition of pedestrians and reduce the performance of pedestrian recognition.
- The sensor is blocked by bird droppings, soil, ice, insects, etc. The system may not operate. It is strictly forbidden to repair the windshield near the camera (inside rearview mirror position).

Fault handling

When the AEB system detects that the camera is blocked, the system is malfunctioning, or the

camera-related system fails, the AEB indicator on the meter turns yellow, and the reason for the malfunction is indicated on the meter.

The camera is blocked:

When it is confirmed that it is blocked by a foreign object, please turn on the wiper to clean the front windshield and restart the vehicle. If the fault still exists, please go to the DFSK authorized service point for repair.



Failure of automatic emergency braking system:

The indicator prompt cannot be automatically eliminated for a long time. The fault prompt still exists

after restarting the vehicle. Please go to the DFSK authorized service point for inspection.

The radar is blocked:



Please confirm whether the surface of the radar is clean and remove the contaminants on the surface. After cleaning the surface of the radar, the fault cannot be automatically eliminated for a long time. Please go to the DFSK authorized service point for inspection.

Lane Assist System

The lane assist system includes the lane departure warning system

and the lane keeping assist system. For detailed function introduction and description, please refer to the following.

⚠ Warning

The lane assist system is only an auxiliary tool, and cannot replace the driver's judgment on the road and traffic conditions, and cannot replace the driver's driving. In any case, the driver should be responsible for the safety of the vehicle and must always concentrate on driving carefully.

⚠ Notice

- Since the lane assist system is designed for vehicles driving on expressways and other roads with good conditions, the system only starts to work when

- the vehicle speed is within the range of 60~150 km/h.
- When the lane assist system recognizes at least one lane demarcation line, it enters the work-ready state.
- If you turn on the turn signal, actively rotate the steering wheel, operate the accelerator pedal or the brake pedal before driving across the lane dividing line, the system will not intervene. In this case, the system assumes that you are actively driving the vehicle.

Caution

The lane assist system only works normally when the lane dividing line is clearly visible. In

some cases, the lane assist system may not work properly. Such as:

- Lane demarcation lines are blurred, non-standard lane demarcation lines or lane demarcation lines are covered, etc.;
- When there are objects on the road surface that affect the recognition of lane boundaries (such as stagnant water, gaps, ruts, text signs, etc.);
- When visibility is low (such as rain and snow, fog and haze, etc.);
- When the vehicle is greatly affected by the crosswind;
- When lanes merge or separate;
- When strong light illuminates the camera or the light intensity changes suddenly;

- When the front windshield glass around the camera is dirty, damaged or covered;
- When driving on sharp turns or narrow roads;
- When driving too close to the vehicle in front, obstructing the detection range of the camera.

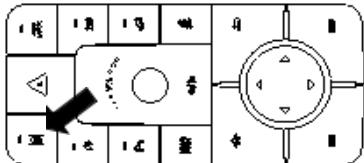
Lane departure warning function

Function description

The lane departure warning function recognizes the lane demarcation line through the camera on the front windshield glass. When the vehicle speed is greater than 60km/h, it can send out an audible and visual alarm when the driver unconsciously deviates from the lane to remind the driver to drive safely.

This description only applies to vehicles that have been equipped with this function.

Function on/off



Lane departure function switch

If the lane assist system is turned off, use the "LKA/LDW control" button to press once to turn on the LDW. At this time, the instrument lane departure warning indicator lights up (white); the user presses the button again, and the LKA function is turned on. At this time, the instrument lane Keep the auxiliary indicator light on (white).

The user presses the button again, and the LDW/LKA function is closed at the same time.

The setting state of the lane departure warning switch is memorized by the system, and the next ignition is set according to the last ignition setting state by default.

Sensitivity setting:

In MP5, the lane assist sensitivity can be set to low sensitivity or high sensitivity.



Combined instrument display

After turning on the lane departure warning function, the lane demarcation line will be displayed on the instrument cluster.

Lane dividing line	
Status	Meaning
No display	Lane demarcation line not detected
White	Lane demarcation line detected
Green	Function activated
Red	The vehicle deviated when the driver did not actively change lanes.

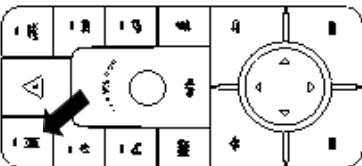
At this time, the vehicle will sound an alarm to remind the driver to correct the direction in time and return to the lane.

Lane Keeping Assist System Function description:

The lane keeping function uses the camera on the front windshield glass to recognize the lane dividing line, which can assist the driver to correct the steering wheel when the driver unconsciously deviates from the lane. If the calibration fails, an audible and visual alarm will be issued to remind the driver to drive safely. The lane keeping assist function is divided into two assist modes: strong assist and weak assist, see below for details.

This description only applies to vehicles that have been equipped with this function.

Function on/off



Lane assist function switch

If the lane assist system is turned off, use the "LKA/LDW control" button to press once to turn on the LDW. At this time, the instrument lane departure warning indicator lights up (white); the user presses the button again, and the LKA function is turned on. At this time, the instrument lane Keep the auxiliary indicator light on (white).

The user presses the button again, and the LDW/LKA function is closed at the same time.

Lane assist mode setting:

The lane assist mode can be set in MP5, set to strong assist mode or weak assist mode.



High assist mode is to maintain assist control in the center of the lane, which can assist the driver to

control the vehicle to drive in the center of the current lane.

The second assist mode is lane departure correction assist control. If the vehicle is about to deviate from the current lane, the system will apply a torque opposite to the departure direction on the steering wheel, and sound and light alarms will be issued at the same time to remind the driver to correct the direction of the vehicle in time and drive safely.

Combined instrument display:

After turning on the lane keeping function, the lane dividing line will be displayed on the instrument cluster.

Lane dividing line

Status	Meaning
No display	Lane demarcation line not detected
White	Lane demarcation line detected
Green	Function activation without intervention
Yellow	The system is in the process of steering wheel intervention.

Fault handling

When the lane assist system detects that the camera is blocked, the system is malfunctioning, or the camera-related system is malfunctioning, the LKA/LDW indicator on the meter turns yellow, and the cause of the malfunction is indicated on the meter.

The camera is blocked

When it is confirmed that it is blocked by a foreign object, please turn on the wiper to clean the front windshield and restart the vehicle. If the fault still exists, please go to the DFSK authorized service point for repair.



Lane assist system failure

The indicator prompt cannot be automatically eliminated for a long time. The fault prompt still exists after restarting the vehicle. Please go to the DFSK authorized service point for inspection.

Intelligent high beam assist system

Function description

The Intelligent High Beam Assist (HMA) function requests to turn on or off the high beams according to traffic and environmental factors. This function can optimize the use of headlights during night driving.

When the vehicle speed is less than 20km/h, the system preferentially uses the low beam. When the vehicle speed is 20-40km/h, the system meets the conditions for turning off the high beam, and the system switches to the low beam; when the vehicle speed is greater than 40km/h, the system will follow the environmental conditions

Automatic switching of far and near beams.

This description only applies to vehicles that have been equipped with this function.

Function on/off

This function can be turned on or off through the intelligent high beam auxiliary switch in MP5. The function indicator is white when the function is turned on.

The setting state of the intelligent high beam auxiliary switch is memorized by the system, and the next ignition is set according to the last ignition setting state by default.

Function activation

The function activation needs to meet the following conditions:

1. The HMA system has been turned on;
2. When the combination light switch is set to AUTO;
3. The low beam is lit.

The function is activated, and the function indicator turns green at this time.

Under the following conditions, the change of far and near lights will be suppressed:

1. The automatic headlight function is turned off;
2. The vehicle speed is less than 20km/h;
3. The ambient brightness is too high.

Fault handling

When the HMA system detects that the camera is blocked, the

system is faulty, or the camera-related system fails, the HMA indicator on the meter turns yellow, and the reason for the failure is indicated on the meter.

The camera is blocked

When it is confirmed that it is blocked by a foreign object, please turn on the wiper to clean the front windshield and restart the vehicle. If the fault still exists, please go to the DFSK authorized service point for repair.



High beam auxiliary system failure

The indicator prompt cannot be automatically eliminated for a long time. The fault prompt still exists

after restarting the vehicle. Please go to the DFSK authorized service point for inspection.

Speed Limit Assist System

Function description

SLA monitors the traffic signs associated with the vehicle speed limit on the road, and reminds the driver through the dashboard or the head-up display. In the case of speeding, this function can alert the driver by providing speed limit information or speeding alarm.

This description only applies to vehicles that have been equipped with this function. This function can only provide assistance, and false alarms and false alarms may occur.

The driver must drive carefully to avoid speeding.

Function on

When the vehicle is ignited for the first time, the function is turned on by default; when the function is turned off, the function can be set through the speed limit assist switch in MP5.

Function off

When the function is turned on, the function can be turned off through the speed limit auxiliary switch in MP5. The setting state of the speed limit auxiliary switch is memorized by the system, and the next ignition is set according to the setting state of the previous ignition by default.

Overspeed warning switch setting

When the speed limit assist function is turned on, the overspeed alarm function switch can be set to ignite the vehicle for the first time, and the function is turned on by default; when the function is turned off, the overspeed alarm switch in MP5 can be used to set the open function. When the overspeed alarm function is turned on, you can turn off the function through the overspeed alarm setting in MP5. The overspeed alarm setting state is memorized by the system, and the next ignition is set according to the last ignition setting state by default.



Fault handling

When the SLA system detects that the camera is blocked, the system is malfunctioning, or the camera-related system fails, the SLA indicator on the meter turns yellow, and the reason for the malfunction is indicated on the meter.

The camera is blocked

When it is confirmed that it is blocked by a foreign object, please turn on the wiper to clean the front windshield and restart the vehicle. If the fault still exists, please go to the DFSK authorized service point for repair.



Speed limit assist system failure

The indicator prompt cannot be automatically eliminated for a long time. The fault prompt still exists after restarting the vehicle. Please go to the DFSK authorized service point for inspection.

Blind Spot Monitoring System

Function description

The Blind Spot Monitoring (BSD) system covers the blind spots beside and behind the vehicle. When the vehicle speed is 30KM/h-140KM/h, if there is a vehicle in the area, the blind

spot system will send an alarm message, and the indicator light on the BCM hard-line drive rearview mirror will flash. If it flashes, turn on the turn signal and the instrument Buzzer prompts, the system can help the driver avoid accidents during lane changes. When the driver turns on the turn signal, an audible warning will be issued.



Warning

The blind spot monitoring system is only an auxiliary tool and cannot replace the driver's judgment of the external situation. The driver still needs to be cautious when changing lanes or reversing, please observe the surrounding conditions of the vehicle at any time. In some cases, the blind spot detection

system may not work properly or does not work. Such as:

- For vehicles approaching or leaving quickly;
- For smaller targets (pedestrians, bicycles, etc.);
- For stationary targets (vehicles, pedestrians, etc.);
- When driving in harsh environments such as rain and snow;
- When driving on sharp bends, slopes, wide or narrow lanes.

Function switch

After starting the engine, the blind spot monitoring system can be turned on or off manually through the MP5 system. The buzzer prompts there is a setting switch in the MP5. If the setting is turned off,

the instrument will not buzz when turning.



Fault handling

When the BSD system fails when it is activated, the BSD system enters the failure mode and the function is turned off. The multimedia will warn the driver of the BSD system failure information, and the prompt will not be automatically eliminated for a long

time. The failure prompt still exists after restarting the vehicle, please go to DFSK for authorization Service point overhaul.



Keyless Entry and Start System (PEPS)

Active area

1. The one-key start function activation area is in the compartment;
2. Enter the function activation area within 1.2m from the keyless button on the main and auxiliary driving door handle;
3. The back door opening area is within 1.2m from the back door opening button.

Keyless entry function

The keyless entry function can only be used when the smart key is in the entry function activation area.

Keyless unlock and lock

Unlock: the four doors are in the locked state, pull the door handle

by hand, the four doors will be unlocked at the same time, and the turn signal will flash twice.

Locking: The four doors are in the unlocked state, hold the door handle, close the door, the four doors are locked at the same time, the turn signal flashes once. The door cannot be locked under the following conditions:

1. The power supply is not in the "OFF" position;
2. The smart key is left in the compartment;
3. A certain car door or back door is not closed properly.

Trunk door's open

The smart key is in the trunk door activation area. When the trunk door is locked, press the keyless

button at the bottom of the trunk door to open the trunk door.

One-button start function



When the smart key is activated in the one-key start function area, pressing the one-key start switch can start and shut down the engine, or switch the power mode ("OFF", "ACC", "ON", "START").

The background light of the one-key start switch is white. When the power mode is "ACC", the switch lights up an orange indicator, and when the power mode is "ON",

the switch lights up a green indicator.

Power switch: When the gear is in P or N and the brake pedal is depressed, the one-key start button power supply will cycle according to "OFF", "ACC", "ON" and "OFF".

Keyless start

Before starting

1. Turn off unnecessary electrical appliances;
2. Ensure that the smart key is in the activation area in the compartment;
3. When the shift lever is in "P" or "N", it is not allowed to start when it is in other gears;
4. Depress the brake pedal.

One-button start

1. Start the engine must follow the "before start" and correspond to the corresponding model.
2. Press the one-key start switch (no matter what power mode the one-key start switch is in) to start the engine.

Shut down the engine

1. When the vehicle speed is less than 4km/h, press a key to start the switch, and the vehicle will turn off. At this time, the power supply is in the "OFF" gear.
2. In an emergency, press the one-key start switch for more than 3 seconds or press the one-key start switch more than 3 times within 2 seconds to shut down the engine.



Warning

Do not turn off the engine while the car is driving. Otherwise, you will lose control of the car and cause an accident.



Caution

If the car has been driven under a high engine load for a long time, the engine may overheat after it is turned off. In order to avoid damage to the engine, the engine should be operated in the neutral position for 2 minutes before shutting down the engine.

Driving the vehicle



Warning

- Do not suddenly lower the gear on a slippery road, as this will cause the vehicle to lose control.

- When lowering the gear, do not increase the engine speed excessively, as this will cause the vehicle to lose control or damage the engine.



Caution

- Do not engage the "N" gear (neutral gear) while driving, otherwise an accident may occur due to the loss of the engine braking function.
- You must stop completely before engaging in the "R" (reverse gear) position.
- When the car is stationary for a period of time, such as waiting for a traffic light, you can place

the gear to the "N" gear (neutral gear) and depress the brake pedal.

Vehicle start

Automatic transmission

1. Depress the brake pedal and move the shift lever to the "D" position.
2. Release the brake pedal and slowly depress the accelerator pedal while releasing the parking brake button.

Gear shift

Mechanical shift

When the vehicle is in the ON gear or starting, the brake pedal (switching P/R) and the unlock button on the shift lever handball (except for switching back and forth between N and D gears) can be pulled back according to the specific

gear needs. /Push the shift lever forward to switch between P/R/N/D gears.

Place the shift lever in the "D" position, and the wheels will automatically control gear shifts according to the throttle opening and vehicle speed.

You can also place the joystick in the "M" position and manually move the joystick to shift gears.

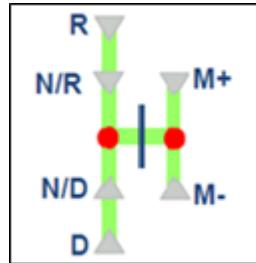
Electronic shift

According to the current gear, press the Unlock button on the gear lever and move the gear lever forward/backward one or two spaces to switch between R/N/D gears (some gears need to be depressed) Brake pedal). For example, the current gear is D gear. Press the Unlock button to push one step

forward to switch to N gear; or depress the brake pedal until the vehicle is stationary, and press the Unlock button to push two gears forward to switch to R gear.

When the vehicle is stationary, press the P button to switch to P gear; depress the brake pedal and press the Unlock button to move the shift lever forward/backward to push out the P gear.

In D gear, move the gear lever to the right to enter the M mode. At this time, you can move the gear lever back and forth to manually increase/decrease gears.



In the following 3 cases, the gear will automatically return to the P gear:

1. If in the N gear to maintain the ON gear state and the vehicle is stationary for more than 15 minutes.
2. When the vehicle is stationary, the engine stalls.
3. When the engine is in the starting state, the vehicle is stationary, the current gear is R/N/D, the seat belt is unfastened, the brake is

released, and the main driver's door is opened when the five conditions are met at the same time.

Warning

To avoid possible damage to the transmission, please follow the steps below:

- Do not engage the "R" gear (reverse gear) when the vehicle is moving forward.
- Before engaging the "R" gear (reverse gear), stop your car for more than 3 seconds.
- Please confirm the current gear situation after shifting.

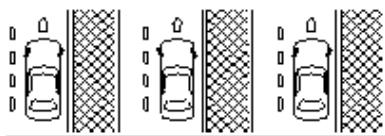
Parking

Warning

- Do not park on combustible materials, such as dry grass, waste paper or waste cloth. They may catch fire and cause a fire.
- A safe parking procedure requires turning on the electronic parking switch and hooking the shift lever into the appropriate gear, otherwise it may cause the vehicle to move or slip unexpectedly and cause an accident.
- It is forbidden to let the engine run when the car is left unattended.
- Do not leave children or persons with involuntary capacity alone in the car. Pets cannot be left alone in the car. They may accidentally touch the switch or controller and cause serious accidents. In high temperature and sunny weather, the temperature in the closed cab will rise rapidly, and the high temperature may cause serious injury to people or animals, or even fatal.
- Automatic transmission vehicles must be put into "P" gear only after the vehicle is completely stopped. If the vehicle is not completely stopped and put into the "P" gear ahead of time, it may cause damage to the transmission. DFSK Co., Ltd. does not guarantee this, even if

it fails during the warranty period.

1. Make sure to use an electronic parking switch.
2. Depress the brake pedal and shift the shift lever to the appropriate gear (automatically geared vehicles enter "P gear").
3. When the car is parked on a sloped roadside, adjust the direction of the wheels to prevent the car from slipping into the lane.



① Towards downhill:

Turn the wheels to the curb, move the vehicle forward until the wheels on the curb side lightly touch the curb, and then turn on the electronic parking switch.

② Towards uphill:

Turn the wheels to the curb and let the vehicle move backward until the wheels on the curb side lightly touch the curb, and then turn on the electronic parking switch.

③ No curbs-uphill or downhill:

Turn the wheels to the side of the road so that the vehicle will deviate from the center of the road when moving, and then turn on the electronic parking switch.

Switch the one-key start to the "ACC" position.

Trailer towing



Caution

Car damage caused by towing a trailer is not covered by the warranty.

Your car is designed to carry passengers and cargo. Trailer towing will place additional loads on your car's engine, powertrain, steering, braking and other systems. Towing a trailer will cause other conditions such as swaying (due to side wind, bumpy roads, passing trucks, etc.). At this time, the driving style and speed must be adjusted to adapt to this situation. Before towing the trailer, please consult the dealer on how to use the trailer device correctly.

Operation precautions

- Do not carry out towing operations during the vehicle running-in period.
- Before towing, please make sure that the lighting system of the towed is good.
- Please observe the legal maximum speed limit when operating the trailer.
- Do not exceed 100km/h.
- Avoid sudden start, acceleration or stop.
- Avoid sharp turns or sudden lane changes.
- Drive the vehicle at medium speed.
- Follow the instructions in the trailer manual.

- Choose suitable coupling devices (trailer hooks, safety chains, etc.), you can buy these devices from DFSK dealers and consult more about trailers.
- The trailer load (addition of trailer and cargo) should not exceed the set value of the vehicle and coupling device. For more information, please consult your DFSK dealer.
- The loading of the trailer should be such that the heavy cargo is above the vehicle, and the load cannot exceed the maximum vertical load of the trailer hook.
- Please repair and maintain your vehicle frequently, and the time interval should be less than the value specified in the maintenance manual.
- Due to the increase in traction and resistance, towing operations require more fuel than normal driving.
- When towing a trailer, please pay attention to the engine coolant temperature indicator to avoid overheating the vehicle.

Tire pressure

When towing, inflate the tires so that the tire pressure reaches the highest recommended value (or full load) indicated on the winter wheels.

Do not tow with temporary spare tires.

Safety chain

Use a qualified safety chain between the vehicle and the trailer. The safety chain must be used crosswise and fixed on the trailer

hook. It is forbidden to fix the safety chain on the bumper or axle. Make sure to leave enough margin to facilitate turning.

Trailer brake

Ensure that the trailer brake installation complies with local laws and regulations. At the same time, check to ensure that other trailers comply with local laws and regulations. When parking, brake the wheels of the vehicle and trailer at the same time. If the trailer is equipped with a handbrake, the handbrake should be tightened at the same time. Do not park the vehicle on a slope. When it is unavoidable to stop the vehicle on a slope, put the gear shift lever into the appropriate gear and turn the front wheels toward the side of the road.

Electric power steering system

Conditions for enabling the multi-assistance mode switching function:

1. The vehicle speed is not higher than 100Km/h;
2. The steering wheel torque is not more than 0.5N · m.

Multi-assistance mode switching function: Operate through the MP5 setting item to select the assist mode (comfort/standard/sports), and EPS will provide steering torque according to the assist characteristics in the corresponding mode.

Warning

If the engine does not work or is turned off while the vehicle is running, the power steering system will not work, and steering will become more difficult at this time.

When the vehicle is turning, the electric power steering system provides additional steering force to reduce the burden on the driver to turn the steering wheel.

When the vehicle is parked or driving at a lower speed, continue to manipulate the steering wheel, and the power assist provided by the electric power steering system will be reduced at this time. This prevents the electric power steering system from overheating and causing damage. When the assist is reduced, the steering wheel will become very difficult. When the

temperature of the electric power steering system drops, the power assist will return to normal. Do not keep turning the steering wheel to avoid overheating the electric power steering system.

When you turn the steering wheel too fast, you will hear a noticeable rubbing sound. This is a normal phenomenon and not a malfunction. If necessary, you can consult DFSK authorized service outlets for inspection.

When the engine is running, the warning light EPS of the electric power steering system is always on, indicating that the steering system is not working properly, and it should be sent to the DFSK dealer for inspection and repair in time.

When the engine is running, the electric power steering system warning light flashes, indicating that the power steering system has not been calibrated in the neutral position or a general failure has occurred. You can still steer the vehicle, but the steering will become abnormal, especially during emergency turns and low-speed driving.

Braking System

The braking system has two separate hydraulic circuits, and when one fails, the other still plays its role and makes the two wheels produce braking force. The braking process reduces the speed of the vehicle through the friction of the brakes and the friction between the tires and the ground. The slight

friction sound during braking and the friction sound between the tire and the ground are normal, and no special treatment is required; the occasional squeal sound during braking is also a normal phenomenon. Because there may be other substances adhering to the friction surface during the use of the vehicle, the vehicle may not be used for a long time or the friction surface will rust after rain, etc., which may cause squeal. As long as the frequency of screams is not high, no special treatment is required.

To avoid affecting the pedal stroke, please do not spread thick carpet in the brake pedal area.

Preventive measures for braking

Reasonable use of brake friction pair

The brake friction pair is a device that directly provides friction for the car's braking. If the brake friction pair exceeds the use limit, it will cause the brake to fail and even wear the brake disc, so please replace the brake friction pair in time. (The limit of the remaining thickness of the brake shoes of the front disc brake is 2mm, and the limit of the remaining thickness of the brake shoes of the rear disc brake is 2mm.)

Caution

In order to run-in the friction linings and brake discs and ensure

performance and life, it is best to avoid emergency braking or long-term braking within 200 km after the car is purchased and the new friction linings are reinstalled to ensure the best braking performance.

Vacuum assisted braking

The brake booster uses the vacuum of the engine to assist braking. If the engine stalls or the drive belt breaks, you can still stop the vehicle by stepping on the brake pedal, but you need to increase your strength to step on the brake pedal to stop the vehicle, and the braking distance will also increase.

When the vehicle is running, if the engine is not running or is turned off, the auxiliary brake will not work and braking becomes more difficult.



Caution

When the vehicle is driving in high altitude areas, continuous braking may cause the brake pedal force to increase.



Warning

Do not let the vehicle coast with the engine off.

Brake using

Do not rest your feet on the brake pedal while driving. This will cause the brakes to overheat, accelerate the wear of the friction linings, and reduce fuel economy.

In order to prevent the friction lining from wearing out too quickly and to avoid overheating of the brake, please reduce the speed and shift to a low gear before going down a slope or a long slope.

Overheating of the brake will reduce the braking performance and may cause the vehicle to lose control.

When driving on slippery roads, be especially careful when braking, accelerating or shifting down gears. Emergency braking and rapid acceleration may cause wheels to slip and cause accidents.

Wet braking

After washing the car or when driving on watery roads, the brakes will be wet, which will increase the braking distance and the vehicle may slip to one side when braking.

To make the brake dry, lightly step on the brake pedal at a safe speed to heat the brake until it returns to normal. Avoid high-speed driving until the brake function returns to normal.

Driving uphill

When starting uphill:

Confirm that the seat belt is fastened and the parking brake has been applied;

Start the engine;

After the engine speed has stabilized, switch the gear to D gear (M gear is recommended when a large output torque is required such as starting on a hill);

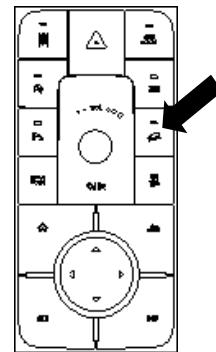
Release the brake pedal and gently depress the accelerator pedal to start the vehicle.

Notice

When the vehicle starts, the automatic drive away function will automatically release the parking brake.

When driving downhill, the engine can effectively control the speed of the vehicle and exert its braking performance.

Hill Descent Control (HDC) Function introduction



Hill Descent Control (HDC) is also called slope control system. When driving downhill, the driver can

automatically brake the vehicle without stepping on the brake pedal and smoothly pass steep downhill sections.

Function activation conditions

1. Press the steep slope descent button, the button indicator will turn yellow, if the vehicle speed is between 35km/h and 60km/h or the slope is insufficient, the steep slope descent will be in a ready state.

2. The indicator light is always on. At this time, the steep slope descended slowly and did not start to work.

3. Three conditions must be met for its startup:

① The vehicle speed is 8km/h~35km/h;

② The steep slope is continuously greater than 10%;

③ The steep slope section is continuous and has a certain length.

Caution

- It is recommended to use HDC in the lower gear.
- If the vehicle speed exceeds 60 km/h, HDC will automatically turn off.
- After activating HDC, you can still adjust the vehicle speed by stepping on the brake pedal or accelerator pedal.

1. When HDC is working, the indicator light on the instrument cluster flashes.
2. After turning off HDC, the indicator light on the combination meter goes out.



Warning

- When the steep slope descent is involved in the work, the indicator light on the instrument will flash, and at the same time, you can hear the obvious friction of the brake disc or feel the frustration of the vehicle during the process. This is a normal phenomenon.
- Since the friction lining will heat up during continuous braking on steep slopes, continuous long steep slopes may cause thermal degradation of the brake linings (almost never occurs under normal circumstances, unless the steep slope is very, very long). When it detects that the brake disc temperature is too high, HDC will quit working.

- HDC only plays a supporting role. The driver should be responsible for the safety of the vehicle at all times and always pay attention to the surrounding traffic.
- When the slope is too large, HDC may not be able to keep the vehicle driving down the steep slope at a constant speed. At this time, you can control the speed by pressing the brake pedal.

Anti-lock Brake System (ABS)

Warning

- The anti-lock braking system (ABS) is a complicated device, but it cannot prevent accidents caused by careless or dangerous driving. It helps to better control

the vehicle when braking on slippery roads. But it should be noted that even with the ABS system, the braking distance on slippery roads is much longer than on ordinary roads. The braking distance may also be longer on rough, gravel, snowy roads or when using snow chains. Be sure to keep a safe distance from the vehicle in front. In short, the driver must maintain a high degree of safety awareness.

- The tire type and condition may also affect the braking effect.
- When replacing tires, all wheels must be fitted with tires of the specified size.
- When installing the spare tire, please confirm that the size and

model of the spare tire are consistent with the specifications on the tire pressure label. (Please refer to the "Tire Pressure Label" in the "X. Technical Information" chapter).

- For detailed information, please refer to "Tires and Wheels" in the chapter "Nine. Maintenance and What You Can Do".

The anti-lock braking system (ABS) controls the braking so that the wheels will not lock up when the vehicle is braking in an emergency or driving on slippery roads. The system detects the rotation speed of each wheel and prevents the wheels from locking and slipping by changing the pressure of the brake fluid. By preventing the wheels from

locking up, the system helps the driver to better grasp the steering wheel and minimize the phenomenon of sideslip when the vehicle is braking on slippery roads.

Use of ABS system. Depress the brake pedal with steady pressure, but do not repeatedly depress and release the brake pedal. ABS will work to prevent the wheels from locking up and assist the driver to control the vehicle normally to avoid obstacle hazards.

But do not repeatedly press and release the brake pedal. ABS will work to prevent wheel lock up and

assist the driver to operate the vehicle normally to avoid obstacles..

WARNING

Do not make the pedal loose upward. Otherwise, the braking distance may be increased.

Self-diagnosis

ABS contains electronic sensors, electric pumps, hydraulic solenoid valves and processors 。 The processor has a self-test function, and tests the system every time the engine is started and the vehicle moves forward or backward at low speed。When performing the self-test, you may hear a dull "metal sound"

noise or feel the brake pedal pulsation. This is normal and does not indicate any fault. If the processor detects any fault, it will shut down the ABS system and turn on the ABS brake warning light on the instrument cluster. At this time, the brake system can work normally, but there is no anti lock function.

If the ABS fault indicator lights up after self-test or driving, please drive the vehicle to DFSK authorized service network for inspection as soon as possible。

Normal operation

When the vehicle speed exceeds 15 km / h, the ABS starts to work when the brake pedal is pressed actively and there is a tendency to lock up. The speed will change according to the road conditions.

When ABS detects that one or more wheels are close to locking, the actuator will work quickly to release pressure. At this point, you may feel the vibration of the brake pedal and the abnormal sound coming from the engine compartment. This is a normal

phenomenon, indicating that ABS is working normally. However, vibration can also indicate that the road condition is very bad and you should be careful when driving.

Brake force distribution system (EBD)

The electronic brake force distribution system is a supplement to the ABS system. When the vehicle is braked, EBD will automatically adjust the brake force distribution ratio of the front and rear axles, improve the braking efficiency, and cooperate with ABS to improve the braking stability, so

as to ensure the stability of the vehicle.

Self-diagnostic

Every time the engine is started and the vehicle moves forward or backward at low speed, EBD will also conduct self inspection like ABS. If the processor detects any fault, it will shut down the EBD system and turn on the EBD fault indicator on the instrument cluster.

If the EBD fault indicator lights up during self inspection or driving, please drive the vehicle to DFSK authorized service outlets for inspection as soon as possible.



WARNING

If the ABS / EBD fault indicator lights up at the same time during self inspection or driving, please slow down slowly according to the road conditions until it is safe to stop, and immediately contact DFSK authorized service outlets for inspection. **【** Please slow down (below 30km / h) and drive to the 4S store. Do not brake sharply during driving, otherwise it will cause accidents**】**

brake assist system (BAS)

When the brake pedal is pressed very quickly, the brake assist

system can be triggered to help increase the braking effect and shorten the braking distance in case of emergency braking.

Hill-start Assist Control(HHC)

When the brake pedal is released, the HHC can maintain the brake pressure exerted by the driver after the vehicle stops stably on the steep slope, and the vehicle can still stop stably on the steep slope for up to 2 seconds, effectively preventing the vehicle from sliding. The actual HHC working time will be adjusted according to the gradient and throttle opening to help the driver start.

When HHC is working, the instrument will prompt "uphill auxiliary work is in progress", In case of ESC failure, the ESC indicator is always on, and the instrument will prompt "uphill auxiliary system failure".

Electronic Stability Control (ESC)

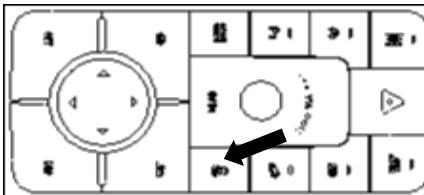
ESC can help to reduce the risk of side slip and improve the driving stability by braking a single wheel under certain driving conditions. The ESC system determines the driver's driving intention according to the information such as steering wheel

angle and vehicle speed, And continue to compare with the actual situation of the vehicle. If the vehicle has oversteer or understeer, ESC will correct it by applying brake on the wheels to help the driver improve the stability of the vehicle.

ESC work or fault :

In case of ESC failure, the yellow on the instrument is always on. Please go to the nearest DFSK authorized service station for maintenance. When ESC / TCS is working, Yellow flashing on the instrument, please drive carefully.

ESC on or off :



After the engine is started, press the button, the indicator light on the combination instrument will light up, indicating that the system has been shut down ;Press the button again to restart ESC.

If the switch is pressed for less than 10s, the instrument will light up, indicating that ESC has been turned off, and TCS and ESC functions will

be disabled. Press the switch again and the instrument will turn off. Indicates that ESC is turned on again.



WARNING

ESC open by default, if necessary, do not close ESC..



ATTENTION

ESC will be switched on automatically when :

- every time the engine is started ;
- the vehicle speed exceeds 80 km / h.

Traction control system (TCS)

When driving on wet roads such as snow or ice, TCS detects that the driving wheels are slipping.

By reducing the engine power, the driving wheels of the vehicle can be prevented from slipping during acceleration. If necessary, the braking force control is applied to prevent the driving wheels from idling. TCS can make the vehicle easy to start, accelerate and climb under adverse driving conditions.



ATTENTION

TCS and ESC will be on or off at the same time.

Anti rollover system (RMI)

When vehicle is turning, by monitoring the movement of the vehicle ,RMI will determine whether

there is a risk of rollover. If has , RMI will brake and decelerate one or more wheels to avoid rollover.

Vacuum failure assistance

When the system detects that the vacuum provided by the engine can not make the booster provide enough power, it will actively increase the brake pressure and provide sufficient braking deceleration according to the situation of the driver stepping on the brake pedal.

Emergency brake alarm

If the vehicle speed exceeds 50km / h, if you brake the vehicle

urgently, the left and right steering lights will flash.

Four wheel drive system

Operation mode of 4WD system

This description is only applicable to vehicles equipped with this function.

The four-wheel drive system of the vehicle has three operation modes :

1. Two wheel drive mode (2WD): there is no difference between two wheel drive vehicle and vehicle in this mode, which is suitable for normal pavement.

2. Intelligent four-wheel drive mode (auto): in this mode, the system distributes the torque intelligently to the front and rear wheels in real time according to the feedback information of the whole vehicle, including but not limited to vehicle speed, braking, skid and other information. By continuously adjusting the torque distribution, the system can improve the performance of the vehicle in straight driving and steering on the road and in the field. It is

suitable for driving on roads with low adhesion, including but not limited to sand, gravel, snow, soft, wet and slippery.

3. Four wheel drive lock mode (4WD-Lock): this mode is suitable for vehicles with low front wheel adhesion, which can no longer meet the requirements of vehicle traction. This mode can increase the traction force of the vehicle, which is mainly applicable to the unconventional working conditions such as vehicle getting out of trouble (Note: in

order to ensure the service life of the 4WD system, do not use this mode for a long time when the road condition is good).

Mode switching of 4WD system

1. When the vehicle is powered on and started, the default driving mode is auto mode, and no indicator light is on ;
2. When the vehicle is currently in auto mode :
 - a、Press 2WD switch → enter 2WD mode ;
 - b、When the vehicle speed is less than 40km / h, press the

4WD-Lock switch → enter the 4WD-Lock mode.

3. When the vehicle is in 2WD mode :
a、Press 2WD switch → exit 2WD mode and enter auto mode ;
b、When the vehicle speed is less than 40km / h, press the 4WD-Lock switch → enter the 4WD-Lock mode ;
c、When the vehicle speed is greater than 40km / h, press the 4WD-Lock switch → 4WD system does not respond and maintain 2WD mode.

4. When the vehicle is in 4WD-Lock mode :
a、Press 2WD switch → enter 2WD mode ;
b、Press the 4WD-Lock switch → exit the 4WD-Lock mode and enter the auto mode ;
c、When the vehicle speed exceeds 40km / h → exit 4WD-Lock mode and enter auto mode ;

5. When the system is in 2WD, 4WD-Lock mode, the corresponding indicator light of the instrument is on; when the system is in auto mode, no indicator light is on.

①4WD lock indicator
②Two wheel drive indicator

6. When the vehicle is driving, the current vehicle torque distribution information can be observed in the instrument panel.





ATTENTION

- When the 4WD system is in auto and 4WD lock mode, driving on the road with low adhesion has more advantages than 2WD mode or two-wheel drive vehicle. However, like any other vehicle, it may slip. When driving on these roads, you still need to drive carefully to prevent the wheel slipping

out of control and endanger personal safety.

- When the vehicle starts or gets out of difficulty on the road with low adhesion, it is necessary to step on the accelerator pedal gently to avoid the vehicle out of control due to excessive wheel slip.
- The vehicle is mainly designed for road use and has certain effect when driving in the field. However, the vehicle is not designed for high-intensity field driving. Driving in the road conditions beyond the

vehicle design purpose or the driver's experience is insufficient, it will lead to vehicle damage, serious personal injury and even death.

Four wheel drive system failure and overheating

Four wheel drive system failure

When the four-wheel drive system fails, the four-wheel drive fault indicator light (1) is on, and the four-wheel drive system is in dangerous condition. In order to protect the parts of 4WD system and other auto parts from damage, please

slow down until stopping. After parking the vehicle to a safe place, please contact DFSK authorized service network for inspection and maintenance.



Four wheel drive system overheating

When the vehicle skids seriously due to starting or getting out of difficulty on the ground with low adhesion, the 4WD system will

overheat due to excessive load. At this time, the 4WD system will automatically start the overheat protection, and the "4WD system overheat fault" icon will be displayed on the instrument. In order to protect the parts or other parts of the 4WD system from damage, please stop the vehicle immediately and put the car in position P. when the 4WD system cools down until the overheat message disappears, wait 20 minutes before driving.



1. If the system is overheated for two consecutive times in the process of starting or getting out of trouble, please do not try to get rid of the trouble again. At this time, stop trying and contact rescue immediately.
2. When the 4WD system overheats or other faults occur, the vehicle defaults to 2WD mode (front wheel drive), at this time, the 4WD function fails

Vehicle safety

When you leave the vehicle with no one on board :

- You must carry your own key with you, even in your own garage.
- Fully close all windows and lock all doors.
- The car must be parked where it can be seen. At night, stop in a bright spot.
- If the vehicle is equipped with a safety system, use it even for a short period of time.
- Do not leave children and pets unattended in the car.
- Valuables must be carried with you and should not be left in the vehicle.
- Don't put items on the luggage rack, please take them down and put them in a safe place or lock them in the car.
- Do not leave the spare key in the vehicle, but keep it in a safe place.

Driving in cold weather

 **WARNING**

- Drive carefully regardless of road conditions. Both acceleration and deceleration must be careful. If the acceleration or deceleration is too fast, the driving wheel will lose the driving force more easily.
- Please reserve a longer braking distance when driving in cold weather. The braking time should be earlier than the dry road surface.
- It is not easy to drive on slippery roads, frozen snow or ice. The driving force or grip of the vehicle is greatly reduced in this situation. Do not drive on wet ice unless there is salt or sand on the road.
- Please pay attention to wet places (thin ice). They may have

dark, seemingly clean roads. When ice is visible in front of the vehicle, brake before the vehicle arrives. Do not step on the brake again when it is frozen and avoid turning the steering wheel suddenly.

- Snow can cause dangerous exhaust gas to accumulate under your vehicle. Please remove the snow around the exhaust pipe and the vehicle.

Engine coolant

If the vehicle must be left outside and without antifreeze, antifreeze must be added.

Tire equipment

When fitting snow tyres to the front / rear wheels of your vehicle, the size, load range, construction and type (bias or radial) of snow tyres should be the same as the rear / front wheels.

When driving on ice and snow road, four wheels should be replaced with snow tires.

The use of stud tires can increase driving force on icy roads. However, it is prohibited in some areas. Therefore, check with local regulations before installing stud tires.

The skid resistance of the stud tire may be worse than that of the non stud tire on wet or dry roads.

If necessary, the chain can also be used. When installing the chain, make sure its size is suitable for your vehicle's tire, and install according to the recommendations of the chain manufacturer. When recommended by the chain manufacturer, the chain tension device can be used to maintain the installation tightness. The connecting piece at the slack end of the chain must be fixed or removed to prevent damage to the fender or

chassis during swinging. In addition, please drive at low speed, otherwise it may damage your vehicle, or affect the handling and performance of your vehicle.

Special winter equipment

In winter, it is recommended to carry the following items in the car :

Snow scrapers and bristles to remove snow and ice from windows and wipers.

Solid flat plate, can be used to place under the jack, so that it has a strong support.

A shovel used to shovel a car out of a snowdrift.

Parking brake

Do not apply the parking brake to prevent freezing when parking for a long time in the area where the outside temperature is lower than 0 °C. For safe parking: Park on a smooth road as much as possible and shift the shift lever to '1' or 'R'.

Rust protection

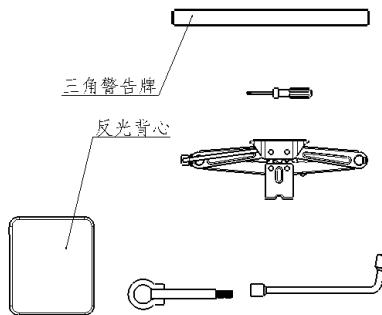
The chemicals used on road surfaces for de icing are corrosive and will accelerate corrosion and age chassis components such as exhaust systems, fuel and brake pipes, floors and fender panels.

In winter, the chassis must be cleaned regularly. For additional information, refer to "rust protection" in chapter "VIII. Appearance and maintenance".

For other anti rust and anti-corrosion measures, may be used in some places, please consult the local DFSK dealer.

VII. Emergency measure

Tools



Triangle warning sign and reflective vest are placed in the box.

ATTENTION

Make sure that the tools on the vehicle are firmly fixed, so as to avoid abnormal noise during driving

or injury to passengers in case of accident and sudden braking.

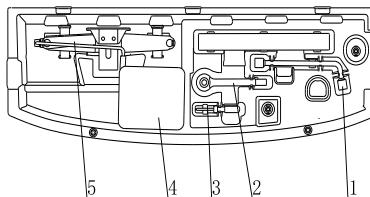
5. Reflective vest
6. lifting jack

Warning triangle

ATTENTION

The use of triangle warning signs must comply with the law.

Tools box



Vehicle can carry tools :

2. Wheel nut wrench
3. Towing hook
4. Combination screw driver

ATTENTION

- Before putting the car jack back into the tool kit, turn the jack thread completely. And be sure to press the crank against the side of the jack.
- The car jack provided by the manufacturer is specially designed for the corresponding vehicle model. Never lift a vehicle or other load of greater mass.

- Do not start the vehicle when it is propped up.
- If working under the vehicle, proper support block must be used to support the car body.
- Please wear reflective vest before changing tire with Jack.
- Make sure the control lever is in "P" position.
- Do not change the tire when the vehicle is parked on a slope, icy or slippery road. It is dangerous to change tires on these roads.
- If the vehicle is close to your vehicle, do not change the tire. Please seek assistance from road professional collaborators.

4. Pull up the electric park switch.
5. Put the control lever into "P gear".
6. Turn off the engine.
7. Open the engine hood.
8. All passengers should leave the vehicle and stand in a safe place to avoid the traffic.
9. Seek professional assistance.

Flat tire

If your vehicle tire is flat, please follow the instructions below :

Parking

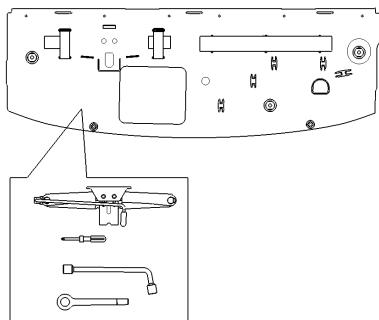


WARNING

- Confirm that the electronic park switch is pulled up.

1. Make the car leave the road safely.
2. Turn on the hazard warning flashing light to warn other vehicles.
3. Park the car on the flat ground.

Prepare tools and tires



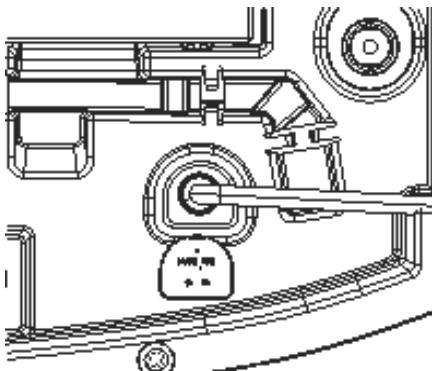
Remove jack, necessary tools and spare wheel from storage area.

The jack and tools are located in the trunk.

The spare wheel is located under the rear of the vehicle.

When the trailer coupling is installed on the vehicle, remove the spare wheel. (Please refer to "trailer towing" in "VI. starting and driving" chapter for more information on trailer unit.) To remove the spare wheel, follow the procedure below :

Spare tire



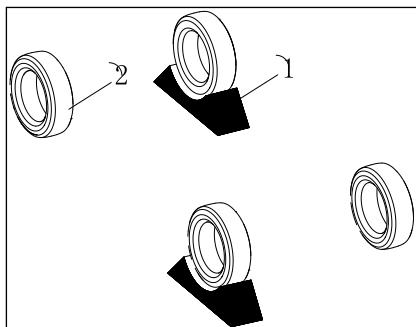
Open the back door, open the cover of the goods box, pry off the spare tire hole plug cover, and remove the spare tire hole plug cover.

Use the wheel nut wrench to turn about 40 turns anticlockwise to loosen the bolt and lower the spare wheel. When the spare tire is lowered enough to remove the spare wheel carrier from the hook, stop twisting the bolt and remove the hook.

Push the spare wheel carrier upward and slowly remove the hook from under the spare wheel carrier.

Then slowly lower the spare wheel holder to the ground, and then take out the spare wheel.

Block the wheels



Make sure that suitable wheels are blocked to prevent vehicle movement and personal injury.

As shown in the figure below, when the tire (2) is flat, place the wheel stop (1) under the front and rear wheels of the diagonal line on the other side of the flat tire to prevent the vehicle from moving during jacking.



WARNING

Lift vehicle



WARNING

- Please be sure to read and follow the operating instructions in this section.
- Please do not drill under the car which is only supported by Jack: please use vehicle safety bracket.
- Never use a jack that is not original.
- The jack is designed only to lift your car when changing tires.
- Do not jack up the car beyond the specified support points.
- Do not jack up the car unnecessarily.

- Do not use pads above or below the jack.
- Do not start or run the engine while the jack is still supporting the car. Otherwise, the vehicle will move suddenly and cause an accident.
- Do not leave passengers in the vehicle when the wheels are off the ground.
- Be sure to read the notes on the jack before using it.

1. Place the jack directly under the fulcrum shown in the figure, so that the top of the jack can contact the car at the fulcrum. The jack should be placed on the level ground.
2. Align the top of the jack with the jack support point, as shown in the illustration.
3. Clamp the lifting claw of the jack on the edge of the side beam of the car, so that the car will not slide when lifting.
4. Use the wheel nut wrench to rotate one or two turns counterclockwise to loosen the



nut of each wheel. Jack the handle, then turn the handle.

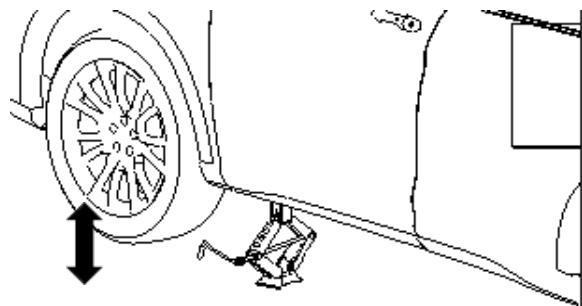
5. Do not remove the wheel nut before the tire is off the ground.

6. Lift the car carefully until the tire is completely off the ground.

7. Hold the lifting tightly with both hands when lifting the car

Remove tire

1. Remove the wheel nut.
2. Remove the damaged tire.



ATTENTION

The tire is very heavy, do not put your feet under the tire, and wear gloves when necessary to avoid injury.

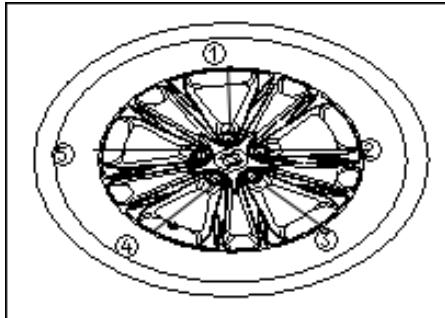


WARNING

- Do not use non original wheel nuts. Incorrect wheel nuts or improper tightening nuts will cause wheel looseness or separation from the vehicle body, which will lead to accidents.

- Do not apply oil or grease on the wheel bolts or nuts, which will make the nuts loose.

1. Clean the soil or dust on the wheel surface.
2. Install the spare tire carefully and tighten the nuts by hand. Check that all wheel nuts are in parallel contact with the tire surface. Use the wheel nut wrench to alternately and evenly screw the nut (① - ③ - ⑤ - ② - ④), at least twice until tightening.



Slowly lower the car until the tires touch the ground.

3. Tighten the wheel nuts according to the sequence shown in the figure.
4. Put the car down completely. Quickly tighten the wheel nut to the specified torque with a torque wrench.

Tightening torque of steel wheel nut :
(90 ~ 120)N.m

Tightening torque of aluminum wheel nuts :
(100 ~ 130)N.m

The specified tightening torque must be maintained at all times for the wheel nuts. It is recommended to tighten the wheel nut to the specified tightening torque at each maintenance.



WARNING

Please re tighten the wheel nut after 1000 km driving (the same is true in case of tire air leakage).

Store damaged tires and tools



WARNING

Please make sure that the tires, jacks and tools are properly stored after use, otherwise these items will be thrown out in case of accident or sudden stop, causing danger.

9. Store the damaged tires, jacks and used tools in the storage area. (Please refer to the section "preparing tools and tires" for details)
10. Close the back door.

Jump start

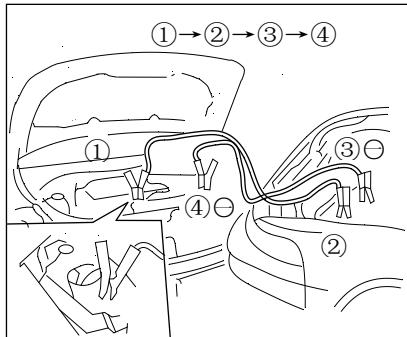
WARNING

- Wrong jump start may lead to battery explosion. Battery

explosion can cause serious injury or death. It can also cause damage to the vehicle. Confirmation must follow the instructions in this section.

- There may be explosive hydrogen near the battery. Make sure that all sparks and open flames are kept away from the battery.
- Wear suitable goggles and remove rings, bracelets and any jewelry when working near batteries.
- Do not lean on the battery when the jumper is started.

- Please keep the battery out of the reach of children.
- The auxiliary battery must be 12 volts. Using batteries with incorrect voltage may damage your vehicle.
- Do not attempt to jump start a frozen battery. It can explode and cause serious injury.



Jump start diagram

If the jump start battery comes from another vehicle, bring the two vehicles close together to connect the two batteries.

1. Press and pull up the electric park switch.
2. Put the gear into the "n" (neutral) position.

3. Turn off all unnecessary circuit systems (e.g. ceiling lights, hazard warning lights, etc.).
4. Make sure that the one key start of the engine is off.
5. Remove the battery cover (if equipped).
6. Remove the vent cover on the battery (if equipped), and cover the battery with wet cloth to prevent explosion caused by open fire.
7. As shown in the figure, connect the electrodes according to the sequence (① → ② → ③ → ④).



WARNING

- Connect the positive and negative sides of the battery.
- Make sure that the jumper cable does not contact the running parts of the engine.
- Make sure that the jumper cable clamp does not contact other metal parts.

1. Start the engine of the auxiliary car and run it for a few minutes.
2. Press the accelerator pedal of the auxiliary vehicle to about 2000 rpm.
3. Start the engine of your vehicle in the normal way.



WARNING

Start with the starter, and do not operate for more than 5 seconds each time. If the engine cannot be started immediately, turn the key to the "off" position, wait for 10 seconds, and then try again.

1. After the engine is running, carefully disconnect the hanging cable according to the reverse sequence (④, ③, ②, ①) as shown in the figure.
2. Remove and dispose of the rag covering the vent, which may have been contaminated by corrosive acid.

3. Install vent cover (if equipped).

Push car to start

Do not attempt to start the engine by pushing the cart.



WARNING

- Do not push to start the vehicle equipped with three-way catalytic converter. Otherwise, the three-way catalytic converter will be destroyed.
- Do not start the vehicle by traction. When the engine is started, the front impact of the car may cause it to collide with the trailer in front of it.

IF the engine is overheat



WARNING

- If the engine is overheated and continues to drive, it will not cause the vehicle to catch fire, which will damage the engine and make it impossible to drive.
- Do not open the engine hood in case of steam overflow.
- Do not open the cap of the water storage bottle when the engine is overheated. If the cap of the water storage bottle is opened when the engine is overheated, high pressure hot water will spray out and may cause scald or serious injury.

- If there is steam or coolant coming out of the engine, please stay away from the vehicle to avoid injury。
- When the engine coolant temperature exceeds the set value, the cooling fan will start.
- Be careful not to let hands, hair, jewelry or clothing touch or get stuck in the cooling fan or drive belt.

If your vehicle's engine overheats (indicated by the engine coolant temperature gauge) or you feel that the engine is under powered,

abnormal noise, etc., take the following procedure :

1. Leave the main road, move the vehicle to and park on a safe road surface.
2. Turn on the hazard warning flasher.
3. Put the control lever into "P" position.
4. Pull up the electric park switch.
5. Open all windows.
6. When encountering high engine temperature in winter, please turn the warm air to the maximum gear (the air conditioner is turned on to the maximum temperature).
7. Leave the cab.
8. Visually check and listen for steam or coolant coming out of the water tank. Make sure that no steam or coolant is seen again before proceeding to the next action.
9. Open engine hood.
10. Visually check the operation of the cooling fan.
11. If the engine overheats, turn off the engine immediately and check it after cooling down.

12. After the engine is cooled, check the amount of coolant in the engine coolant storage bottle while the engine is running. Do not open tank cap (if equipped).
13. Add coolant to the water bottle if necessary.



WARNING

To avoid scalding, cover the engine coolant pressure cap with a cloth before unscrewing it, and slowly loosen it to the first stage to let the steam overflow.

Please check / repair your car at DFSK store。

Towing

When you tow, you must comply with the local Trailer regulations. Incorrect towing equipment can damage your vehicle. In order to ensure correct towing and prevent accidental damage to vehicles. DFSK suggests that your vehicle be towed by the service operator. Before preparing for towing, it is recommended that service operators carefully read the following precautions.

Towing precautions

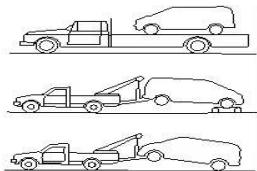
- When towing, make sure that the gearbox, steering system and

power system are working normally. If any of the components are damaged, the vehicle must be towed on a flatbed or flatbed trailer.

- The front wheel is not allowed to land on the ground for front wheel drive vehicles, and it is forbidden to tow two wheels (single front wheel or single rear wheel) for 4WD vehicles.
- It is forbidden to use sling type equipment for traction and flat trailer.
- be sure to fasten the safety rope before towing.

DFSK Towing suggestion

Front wheel driving vehicle :



Front wheel landing:

DFSK suggests using small platform trailer or flat trailer, as shown in the figure.

If you have to tow the vehicle with the front wheels on the ground, please follow the second way as shown in the figure to carry out the

following towing operation procedure :

1. Switch the one button start to "off" state.
2. Keep the steering wheel straight ahead with a rope or similar device.
3. Put the shift control lever in the "n" (neutral) position.
4. Release the handbrake.

Drive wheels are not allowed to land on the ground. Please fasten the safety rope whenever towing.

Rear wheel landing :

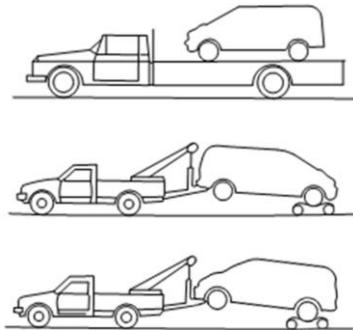
2. Switch the one button start to "off" state.
3. Put the shift control lever in the "n" (neutral) position.
4. Release the handbrake.

Drive wheels are not allowed to land on the ground. Please fasten the safety rope whenever towing.

Four wheels landing :

DFSK suggests using small platform trailer or flat trailer, as shown in the figure.

Four-wheel drive vehicle :



The front wheel landing and four wheel landing are the same as the front wheel drive vehicle.

Rear wheels landing :

If you have to tow a 4WD vehicle with rear wheels on the ground, please lift up the rear wheels and carry out the following towing procedures :

1. Switch one key start to "off" state.
2. Put the shift control lever in the "n" (neutral) position.
3. Release handbrake.

Drive wheels are not allowed to land on the ground. Please fasten the safety rope whenever towing.

WARNING

Never tow the vehicle backward with four wheels on the ground.

Vehicles equipped with automatic transmission :

WARNING

- The driving wheels of the towed vehicle must be completely off the ground. If the driving wheel is not completely off the ground, the transmission may be damaged. DFSK Automobile Co., Ltd. will not guarantee it, even if it fails during the warranty period.

- Do not pull backward.
- In case of mechanical failure of the transmission, the driving wheel must be completely off the ground.

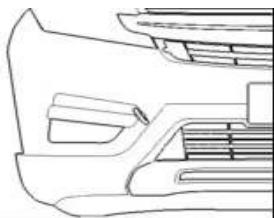
- do not tow the vehicle when the ambient temperature is below 0 ° C.

Trailer Hitch

Vehicle extrication

When the tire is stuck in sand, snow or mud pit, and the vehicle cannot extricate itself from the trap, the trailer hook must be used.

Front trailer hitch



⚠️ WARNING

- Do not let anyone approach the tow line when towing.
- Don't let the tire slip at high speed. Failure to do so may result in a flat tire and serious personal injury. It can also overheat and damage parts of the vehicle.
- The rope can only be hung on the trailer hook, and can not be tied to other parts of the vehicle. Otherwise, the vehicle will be damaged.
- only use the tow hook to get the vehicle out of trouble.

- When the trailer hook is used to assist the vehicle to get out of trouble, the trailer hook will bear considerable force. The cable must be pulled out directly in front of the vehicle. Do not pull out from a lateral angle.

VIII. Appearance and maintenance

Vehicle external cleaning

In order to maintain the appearance of your vehicle, it is important to take proper maintenance measures.

Park your vehicle in a garage or covered area as much as possible to minimize the chance of paint damage to your vehicle.

When it is necessary to park the vehicle outside, park in the shade or cover the vehicle to protect it. Be careful not to scratch the paint by covering or lifting the cover.

Washing vehicle

Clean your vehicle as soon as possible to protect the paint surface in the following conditions :

- Prevent possible damage caused by acid rain after rain.
- Sea wind may cause rust after driving on coastal roads.
- When soot, bird droppings, leaves, metal particles or insects contaminate the paint surface.
- When dust or mud adheres to the paint surface.

1. Wash the vehicle surface with wet sponge and plenty of water.

2. Gently and thoroughly clean the vehicle surface with mild soap powder, special vehicle cleaning soap powder or general detergent mixed with clean warm water (hot water is not allowed).



WARNING

- Do not use strong household cleaners, strong chemicals, gasoline or solvents to clean the car body.
- Do not wash the car in direct sunlight or when the car body temperature is high, otherwise

there may be water stains on the paint surface.

- avoid using tight flannelette or rough cloth, such as car wash gloves. Note that care must be taken when removing lumped dirt or other foreign matter, so as not to scratch or damage the paint surface.
- Wash the vehicle thoroughly with plenty of water.
- use wet deerskin to dry the paint and avoid water stains.

When cleaning the vehicle, pay attention to the following :

- The inner side and opening of flange, joint and fold of door are particularly vulnerable to road salt. Therefore, these areas must be cleaned regularly.
- make sure that the drain hole on the lower edge of the door is not blocked.
- Wash the vehicle bottom and wheelhouse with water spray to loosen the dirt and remove the salt from the road surface.

Clean spots

Please remove asphalt, oil stains, industrial dusts, insect bodies and leaves from the body paint

surface as soon as possible to avoid permanent damage or spots. DFSK authorized service outlets or any other automotive boutiques have such cleaning products for sale.

Waxing

Regular waxing can protect the finish and maintain a new appearance.

After waxing, it is recommended that you polish to remove residual wax to avoid weathering.

DFSK authorized service outlets can help you choose the right wax products.



WARNING

- Please clean the vehicle thoroughly before waxing.
- Please use the car wax according to the instructions of the wax manufacturer.
- Do not use wax products containing abrasives, cutting lubricants or detergents, which may damage the appearance of the vehicle.

The use of mechanical waxing machine or excessive grinding on the primer / clear top coat will cause the paint surface to wear and leave whirlpool marks.

Window Glasses

Use glass cleaner to remove dust and dust film from glass. When the vehicle is parked in strong sunlight, dust film will form on the glass surface. This film can be easily removed with glass cleaner and soft cloth.

Chassis

In winter, salt will be sprayed on some roads, and the chassis of the vehicle must be cleaned regularly. In this way, dirt and salt accumulation can be avoided, and corrosion of chassis and suspension system can be prevented.

In winter and spring, the sealing of the underbody must be checked and must be reworked if necessary.

Wheel

- When cleaning and maintaining the vehicle, clean the wheels.
- when changing the wheel or cleaning the chassis, clean the inside of the wheel.
- Do not use detergent when cleaning wheels.
- DFSK suggests waxing the wheels where road salt is used in winter.

Aluminum alloy wheel

Where road salt is used in winter, the wheels should be cleaned regularly with a wet sponge soaked in a mild soap solution. If not cleaned regularly, road salt residue may discolor the wheels.



WARNING

Please follow the instructions below to avoid wheel contamination and discoloration :

- Do not use detergent containing strong acid or alkali to clean the wheel.
- Do not clean the wheel when the wheel temperature is high. The

temperature of the wheel should be the same as the surrounding temperature.

- Thoroughly clean the wheel cleaner within 15 minutes after using the cleaner.

Chrome plated parts

Please wipe all chrome plated parts with non corrosive chromium plating polishing agent regularly to keep them bright.

Vehicle interior cleaning

Please use a vacuum cleaner or a soft brush to remove dust on the interior panel, plastic parts and seats.

Wipe the surface of plastic parts and leather with a clean soft cloth dipped in mild soapy water, and then dry with a dry soft cloth.

Regular care and cleaning can maintain the appearance of the leather. Please read the manufacturer's product instructions carefully before using any fabric protectant. Some fabric protectants contain chemicals that may contaminate or bleach seat fabrics. Only use a wet, soft cloth dipped in water to clean the lens cover of the instrument cluster.



WARNING

- Do not use volatile oil, diluent or any similar solution.
- Small dust particles will wear and damage the leather surface and should be removed regularly. Do not use soap, car wax, polishing agent, oil, cleaning fluid, solvent, cleaner or cleaner containing ammonia, as these will damage the natural leather surface.
- Unless recommended by the manufacturer, fabric protectants shall not be used.
- No glass or plastic cleaner can be used for lens cover of

combination instrument. Otherwise, the lens surface may be damaged.

Window glasses

Use glass cleaner to remove dust and dust film from glass. When the vehicle is parked in strong sunlight, dust film will form on the glass surface. This film can be easily removed with glass cleaner and soft cloth.

WARNING

When cleaning the inside of windows, do not use sharp tools, abrasive cleaners, chlorine disinfectants. This can damage the

electrical conductivity, such as the rear window power defroster.

Safe belt



WARNING

- Do not let wet and safe take back into the retractor.
- Do not use bleach, dye or chemical solvent to clean the safety belt, as these substances may seriously weaken the strength of the safety belt.
- The seat belt can be cleaned with sponge dipped in mild soapy water.
Before using the seat belt, it must be completely dried in the

shade (see "safety belt" in Chapter 2 for details).

Anti-rust protection

Main causes of vehicle rustiness

1. Dirt and debris containing moisture accumulate in the section, cavity or other parts of the car body.
2. Damage to paint surface and other protective layers caused by sand, gravel or small traffic accidents.

Environmental factors affecting rustiness rate

Damp

The sand, dust and water accumulated inside the floor will accelerate the corrosion of the car body. The wet carpet / foot pad cannot be completely dried in the car, so it must be taken out of the car and wait for it to dry completely, so as to avoid floor corrosion.

Relative humidity

In areas with high relative humidity, corrosion will be more serious.

Temperature

The increase of temperature will accelerate the corrosion rate of parts in poor ventilation position.

If the temperature is above 0 °C , the corrosion will be accelerated.

Air contamination

Industrial pollution, salt content in the air in coastal areas and road spraying will accelerate the corrosion process. Salt on the road can also accelerate the aging of the paint.

Protect the vehicle from rustiness

1. Washing and waxing frequently to keep the car clean.
2. Always check the paint surface for minor damage and repair as soon as possible if there is any damage.
3. Keep the drain hole under the door unobstructed to avoid ponding.
4. Check whether there is sand, dust or salt accumulated under the vehicle. If there is sand, dust or salt, rinse with water as soon as possible.

WARNING

- Do not use water pipe flushing to remove dirt, sand or other dirt in the cab. Please use a vacuum cleaner.
- Do not let water or other liquids contact the electronic components in the vehicle, otherwise the electronic components may be damaged. Chemicals used to remove snow and ice on road surface are highly corrosive. They accelerate corrosion and aging of underbody components such as exhaust systems,

fuel and brake pipes, brake cables, floors and fender panels.

In winter, the bottom of the car must be cleaned regularly.

IX. Maintenance

Maintenance precautions

When carrying out any inspection or maintenance on the vehicle, care must be taken to prevent yourself from accidental serious injury or vehicle damage. The following are general notes that must be observed.



WARNING

- Park the vehicle on level ground and make sure that the parking brake is applied to prevent the vehicle from moving.
- When replacing or repairing any parts, make sure that one key

start is switched to "off" or "ACC" position.

- Do not work under the hood when the engine temperature is high. Turn off the engine and wait until it cools down.
- If it is necessary to work with the engine running, keep hands, clothes, hair and tools away from the running fan, belt and other running parts.
- It is recommended to fasten or remove loose clothes and remove accessories such as rings and watches before overhauling the car.
- When the engine must be started in an enclosed space like a garage, make sure that there is proper ventilation to exhaust the exhaust gas.
- When the vehicle is only supported by Jack, it is not allowed to enter the vehicle bottom. If it is necessary to work under the vehicle, it must be supported by safety legs.
- Make sure that smoke, flame and spark are away from fuel tank and battery.

- When the one button start is in the "ON" state, do not connect or remove the battery.
- For gasoline engines with multi-point fuel injection (MFI), it is recommended to replace the fuel rubber pipes every 3 years or 60000 km. And the maintenance of fuel filter and fuel pipeline should be repaired by DFSK authorized service outlets. This is because the pressure in the fuel line is very high even when the engine is not running.
- In order to avoid injury, disconnect the negative wire of the battery before working near the fan.
- When the one button start is in the "on" state, do not disconnect the wire harness connector of the engine or gearbox related components.
- As long as you carry out maintenance work on the vehicle, always wear goggles to avoid direct contact with used engine oil and coolant.
- Oil and other oils may damage the environment if not handled properly. Observe local regulations for handling vehicle fluids.

● **WARNING**

- 1) If the vehicle is not used for a long time (more than one month), the negative cable of the battery shall be disconnected.
- 2) When the vehicle is used with low frequency and short driving range (such as parking for three or five days and driving for 120 km), it is necessary to return to the station regularly to check the battery voltage and charge it in

time.

3) When the vehicle is driving at low speed, it is necessary to check the battery voltage regularly and charge it in time.

4) Frequent starting and stopping should be avoided. Each ignition time should not be more than 5S. If the ignition fails for three times, wait for more than 3 minutes before ignition.

5) When driving at low speed or idling for a long time, try to avoid turning on the air conditioner, high beam, wiper, seat heating device, radio player

and other electrical appliances at the same time.

6) Avoid using vehicle electrical appliances or charging external electrical equipment in on or ACC gear when the engine is not started.

7) When the fuel level of the vehicle is too low, do not ignite it again. Do not ignite until the fuel is filled.

8) It is forbidden to install or connect electric appliances with the power exceeding 120W on the vehicle.

9) Adding / refitting electrical

appliances may not only cause battery power loss, but also cause car burning accident. Therefore, it is necessary to avoid adding / refitting electrical appliances.

10) Pay attention to observe the change of battery pole and surface cleanliness every month. If a large amount of dust and electrolyte overflow appear on the surface of the battery, it may cause self discharge of the battery, so it should be cleaned up in time. If the battery pole is corroded, it should be returned to the station for treatment in time.

- 11) If the starting ability of the starter is obviously weakened when the vehicle is started, and the light goes dark or even lights up the fault light, do not turn off the engine immediately after the vehicle starts, and keep the engine running for more than 30 minutes, so as to charge the battery. After that, you should supplement power to the service station in time.
- 12) If the battery is out of power and the vehicle cannot be started, the external power supply can be used to start the vehicle if the

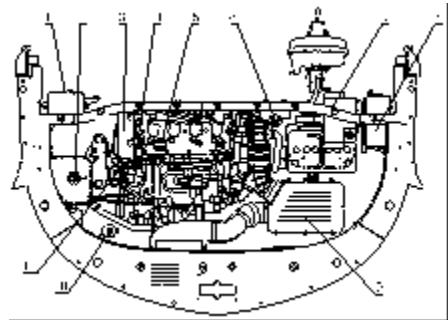
conditions permit. Do not turn off the engine immediately after starting, keep the engine running for a period of time to charge the battery, and then charge the battery to the service station in time.

The chapter "maintenance and what you can do" only provides instructions for owners of relatively easy to implement items.

You must understand that incomplete or improper maintenance may cause operation difficulties or excessive emissions, and may affect your warranty rights. If you are not

familiar with some maintenance, please do it by DFSK authorized service outlets.

Check position in engine compartment



1. Fuse / fuse box
2. Water storage bottle
3. Engine drive belt
4. Oil filter
5. Oil filler cap
6. Brake fluid reservoir
7. Battery
8. Fuse / fuse box
9. Air filter
- Windshield washer fluid reservoir
- Windshield washer fluid

10. Engine oil gauge

Engine cooling system

WARNING

- When the engine temperature is high, do not open the cap of the engine coolant storage bottle. The coolant overflowing from the engine coolant storage bottle may cause serious scald. Wait until the engine and radiator have cooled down before operation.
- The engine coolant is toxic and must be stored in a container

with a label and out of the reach of children.

The engine cooling system is filled with original, high-quality, long-term engine coolant that can be used all year round. The coolant contains anti-corrosion and antifreeze additives. Therefore, there is no need to add any additives.

Be careful

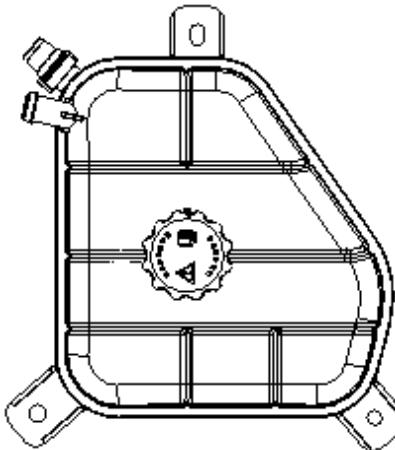
When replenishing or replacing the coolant, try to use DFSK engine coolant or products with the same mixing ratio. The mixing ratio is as follows :

External	Engine	Inorganic
----------	--------	-----------

temperatur e		coolant	water or distilled water
°C	°C		
-15	5	30%	70%
-35	-30	50%	50%

Using other types of coolant can damage the engine cooling system.

For this model: the cooling system is equipped with a cap. In order to avoid engine damage, please use pure DFSK water storage bottle cap or replace it with the same quality product if necessary.



Check the amount of engine coolant

When the engine is cold, check the height of the coolant level in the water storage bottle. If the coolant level is below the minimum mark

"Min", add coolant between the maximum mark "Max" and the minimum mark "Min". If the water storage bottle is empty, please add coolant from the opening of the water storage bottle when the engine is cold. Fill the water bottle with coolant between the maximum scale mark "Max" and the minimum scale mark "Min".

If the cooling system needs to replenish coolant regularly, please go to DFSK authorized service outlets for inspection.

Change engine coolant

The maintenance of cooling system must be carried out by DFSK authorized service network. Improper maintenance and replacement of engine coolant will result in reduced cooling effect and engine overheating.



WARNING

- In order to avoid the risk of scalding, do not change the coolant when the engine temperature is high.
- Do not open the engine coolant reservoir cap when the engine temperature is high. High

pressure coolant escaping from the water storage bottle can cause serious burns.

- Avoid splashing engine coolant on the skin. If it does, clean it with plenty of water.
- The engine coolant should be kept out of the reach of children.

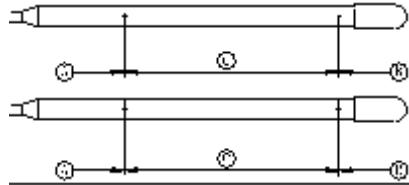
Engine coolant must be treated properly, please refer to local regulations.

Engine oil

Check the amount of engine oil

1. Park the vehicle on flat ground and use the parking brake.

2. Start the engine until the engine reaches the normal operating



temperature (about 5min).

3. Turn off the engine.
4. Wait at least 10 minutes for the engine oil to return to the oil pan.
5. Take out the oil dipstick and wipe it with cloth.
6. Insert the oil dipstick again.
7. Take out the oil dipstick and check the oil quantity. The oil

quantity must be within the normal range of 0 C.

8. If the oil quantity is within the range of A, open the engine oil filler cap and add the recommended oil, which should not exceed B.
9. Do not take out the oil dipstick when adding oil.
10. Recheck the oil quantity with oil dipstick.

It is normal to add oil during the oil change cycle or during the running in period of the vehicle, depending on the specific conditions of the engine operation.



Be careful

The oil level should be checked regularly. Driving a car when there is not enough oil will damage the engine, and such damage is not covered by the warranty.



WARNING

- The waste oil must be treated properly. Do not pour into the ground, ditch, river, etc. Waste oil must be disposed of in a properly equipped dump. Please check the local regulations.

- DFSK suggests that the oil should be changed by the exclusive store.
- When the engine oil temperature is high, be careful not to get scalded.
- Long term and repeated exposure to waste oil may cause skin cancer.
- Avoid direct contact between waste oil and skin. If it comes into contact with skin, it must be cleaned with soap or detergent and plenty of water as soon as possible.

- Store waste oil in a marked container out of reach of children.

Change engine oil and oil filter

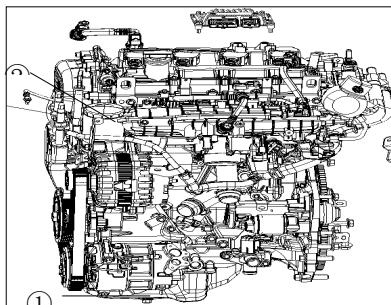
1. Park the vehicle on flat ground and use the parking brake.
2. Start the engine until the engine reaches the normal operating temperature (about 5min).
3. Turn off the engine.
4. Wait at least 10 minutes for the engine oil to return to the oil pan.
5. Use jack or jack frame to lift and support the vehicle.

- 1) Support the jack safely under the jack support point of the vehicle.
- 2) Raise the vehicle with a suitable Jack.
6. Remove the engine lower guard plate. If necessary, remove the bolt and plastic clip at the same time.

HD20 engine

- ① Oil drain plug
- ② Oil filter

7. Place a large drain pan under the oil drain plug. Remove the oil drain plug with a wrench.
8. Remove the oil filler cap and drain the oil completely. If the oil filter needs to be replaced, remove it and replace it at this time.



WARNING

Waste oil must be treated properly. Please confirm the local regulations.

9. Loosen the oil filter with a wrench.

10. Screw out the oil filter by hand.

11. Wipe the filter mounting surface with clean cotton cloth.

12. Please make sure to remove the aged gasket on the filter surface.

13. Install the new gasket on the new oil filter. Screw on the filter until a slight resistance is felt, and then use a wrench to screw 2 / 3 turn.

Tightening torque of oil filter :

HD20 engine

(25±2) N·m

Clean and re install the oil drain plug and new gasket. Tighten the oil drain plug with a wrench, do not use too much force.

Tightening torque for oil drain plug :

HD20 engine

(25±2) N·m

Refill to the recommended amount of engine oil. (refer to "fuel / lubricants and capacity recommendations" in Chapter X. technical information).

1) Do not take out the oil dipstick when adding oil.

2) Install the oil filler cap carefully.

3) Start engine.

4) Check the oil drain plug and filter for leaks.

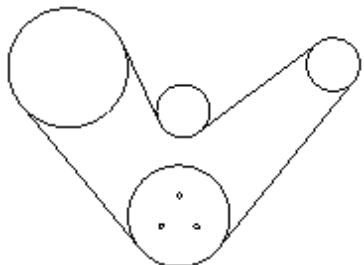
5) Dispose of used oil in a proper way. Please confirm the local regulations. Check the engine oil level according to relevant procedures. (refer to "checking engine oil quantity" in this chapter).

Environment protect

It is illegal to pollute sewers, rivers and land. Please use qualified waste collection facilities, including

those in the city that can properly dispose of waste oil and filters and automobile repair plants. If in doubt, please consult the relevant authorities for advice.

Drive belt

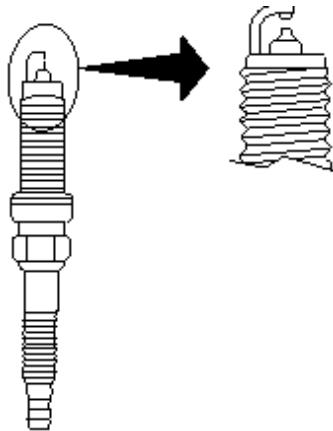


HD20 engine

Make sure that the one button start is in the "off" state, and visually

inspect each belt for unusual wear, cutting marks or looseness. Check its condition and tension regularly. If the driving belt is in poor condition or loose, please ask DFSK store to replace or adjust it.

Spark plug



Warning

Make sure the engine and push to start are switched off and the park brake is applied.

For replacement, please contact
DFSK store.



Be careful

- Do not reuse the old spark plug by cleaning and adjusting the clearance.
- Always replace the recommended spark plug.

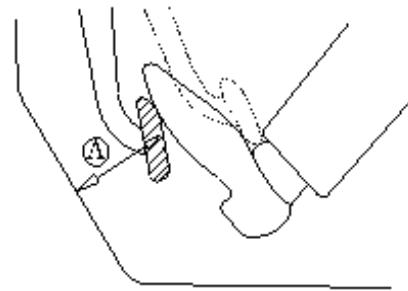
Brake

Check parking brake

Users are required to judge whether the vehicle has been parked by EPB switch indicator or parking status indicator before getting off the vehicle.

Brake pedal travel parameters			
Condition	noncutting stroke (mm)	Action stroke (mm)	stroke limit (mm)
Normal condition	4.05 ~ 9.5	~ 43.75	115.8
Failure condition	52.65 ~ 57.65	~ 92.35	115.8

Check foot brake pedal



WARNING

If the brake pedal is too high to return to the normal position, please consult DFSK authorized service network to check the brake system.

When the engine is running, please check the distance between the lowest point of the pedal and the floor. If the distance is not within the

following range, please consult DFSK franchise store.

Self adjusting brake

Your car is equipped with self-adjusting brakes. Each time the brake pedal is pressed, the brake will adjust automatically.

⚠ : When the pressure on the pedal surface is greater than or equal to 500N, the pedal travel is greater than 35mm.

vacuum booster

Check the function of the vacuum booster as follows :

1. Turn off the engine and step on the brake pedal several times to

ensure that the brake pedal travel remains unchanged.

2. Step on the brake pedal and start the engine. The pedal height should be lowered slightly.
3. Step on the brake pedal and turn off the engine. Step on the pedal for about 30s, and the pedal height should not change.
4. Let the engine run for one minute without stepping on the brake pedal, and then turn off the engine. Press the brake pedal several times. When the brake pedal is pressed each

time, the pedal travel will gradually decrease as the vacuum of the vacuum booster decreases.

If the brake system does not work properly, please consult DFSK store.

Brake fluid



WARNING

- Only use new brake fluid taken from sealed container. Old, poor quality or contaminated brake fluid may damage the brake system. Using incorrect brake

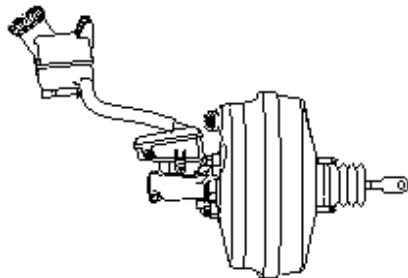
fluid will damage the brake system and affect the braking ability of the vehicle.

- The brake fluid is toxic and must be stored in a container out of the reach of children.



Be careful

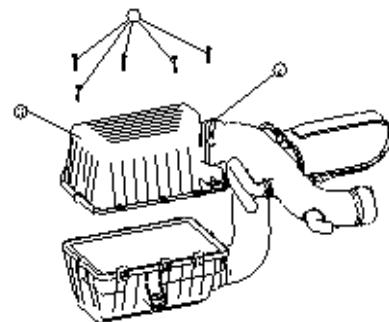
The brake fluid will damage the paint surface. Do not let the brake fluid splash on the paint surface. If the brake fluid splashes on the paint surface, it must be washed with water immediately.



Check the amount of oil in the reservoir. If the fluid level is lower than the "Min" position, the brake fluid level warning lamp will be on, please add it to the "Max" position. (refer to "fuel / lubricants and capacity recommendations" in this section.)

If you need to add brake fluid frequently, please let DFSK store thoroughly check the system.

Air filter



WARNING

Operating an engine without an air filter may cause burns to you or

others. The air filter not only cleans the inhaled air, but also blocks the flame generated when the engine backfires. If the air filter is not installed, you may get burned when the engine backfires. Do not drive without air filter. Care must be taken when working next to an engine without an air filter.

Replace the air filter element, loosen the fixed bolt (1), disconnect the air filter and the air outlet pipe (2), and pull up the unit (3).

Please replace the air cleaner element according to the maintenance table in the warranty

manual. When replacing the air cleaner element, wipe the inside of the air cleaner housing and the cover with a wet cloth.

Engine room trim

Engine room

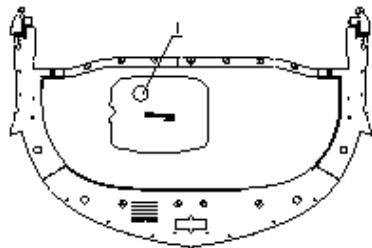


1. Detergent filling port
2. Coolant filler
3. Oil dipstick cover plate
4. Cover plate of engine identification observation port
5. Brake fluid filler
6. Battery cover

When checking the oil level of the machine, open the oil dipstick cover plate; when repairing the

battery, open the battery
maintenance cover plate.

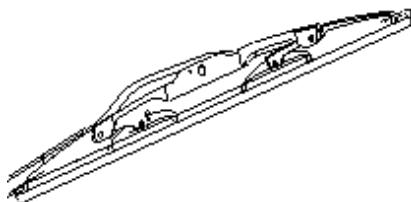
Engine room



1. Oil filler

Wiper film

Windshield wiper film



Clearing

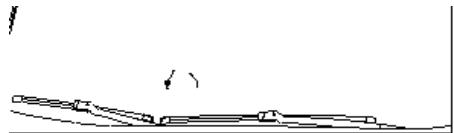
If the windshield is not cleaned after washing with window washer fluid or there is abnormal sound when the wiper blade acts, it may be due to wax or other substances adhering to the wiper blade or windshield.

Clean the outside of the windshield with wiper essence or neutral cleaner. When washed with water, no water droplets will be formed, indicating that the windshield is clean.

When cleaning the wiper blade, wipe it with a cloth dipped with wiper essence or neutral detergent, and then wash it with water. If the front windshield is still not clear after cleaning the wiper blade, it is necessary to replace the wiper blade. ① ②

Please pay attention not to block the nozzle of the water sprayer, which may affect the normal operation of the windshield sprinkler.

② If the nozzle is blocked, remove it with a needle or small nail, and make sure that the nozzle is not damaged.



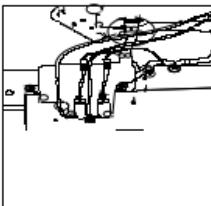
Replacement

1. Lift the wiper arm from the windshield.
2. Press down the locking pin and remove the wiper blade.
3. Take the wiper film.
4. Insert the new wiper film onto the wiper arm until it is in place.



Be careful

After replacing the wiper blade, return the wiper arm to its original position, otherwise the wiper arm or engine hood will be scratched and damaged.



Worn windshield wiper film can damage the windshield and affect the driver's line of sight.

The inspection method of rear window wiper film is similar to that of front wiper.

Windshield washer fluid



WARNING

The window washing antifreeze is toxic and must be stored in a container out of the reach of children.

Regularly check the amount of window washer fluid in the washing pot. Please add if necessary.

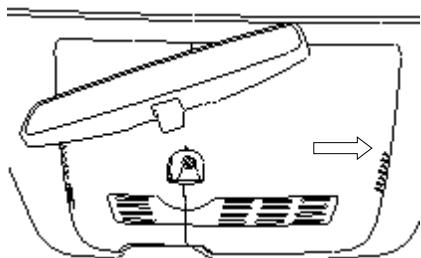
Adding detergent additive can increase the cleaning effect. In winter, please add window washer fluid antifreeze. Please adjust the mixing ratio according to the antifreeze manufacturer's instructions.

If the motor works without cleaning fluid, it will cause damage.

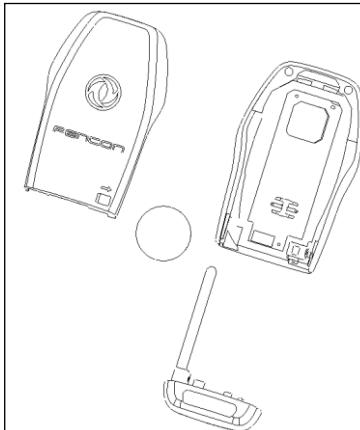
Never use engine antifreeze as a substitute, otherwise the paint will be damage

Installation instructions for electronic signs

Move the windshield mirror base trim cover II to the right, paste the electronic number plate on the windshield, and finally replace the windshield mirror base trim cover II.



Remote control battery



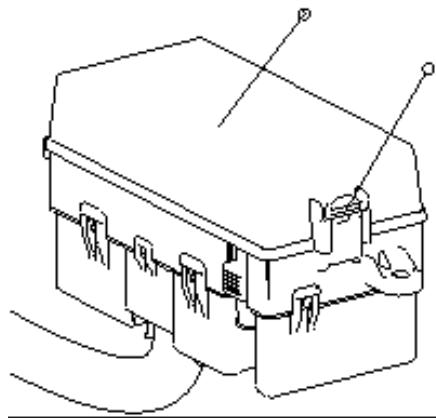
1. Find the button on the back of the key, push the button along

the arrow direction on the key, and take out the mechanical key along the direction as shown in the figure ;

2. Carefully pry the upper and lower covers of the key with a flat edge ;
3. Replace the recommended new battery.

If you need help, please contact DFSK after sales service.

Fuse box



Be careful

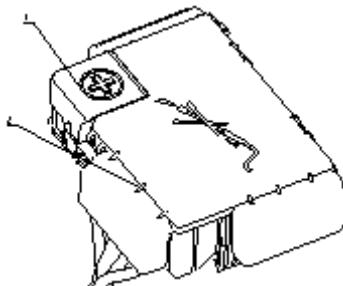
Do not use a fuse with a higher or lower amperage than that specified on the fuse box cover. This

may damage the electrical system or cause fire.

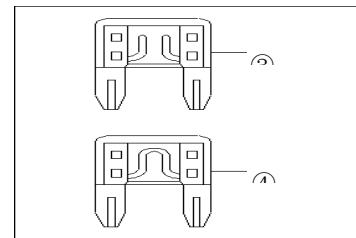
If any electrical appliances do not work, check if the fuse is blown.

If any electrical equipment does not work properly, please check the fuse for open circuit.

1. Confirm that the one button start is in "off" state.



2. Make sure the headlamp switch is in the "off" position.
3. Open the hood.
4. Press the button①, and lift the fuse box cover②.



5. Find the fuse to be replaced.
6. Take out the fuse with the plugger in the fuse box.
7. If the fuse is blown③, Replace with a new fuse④.

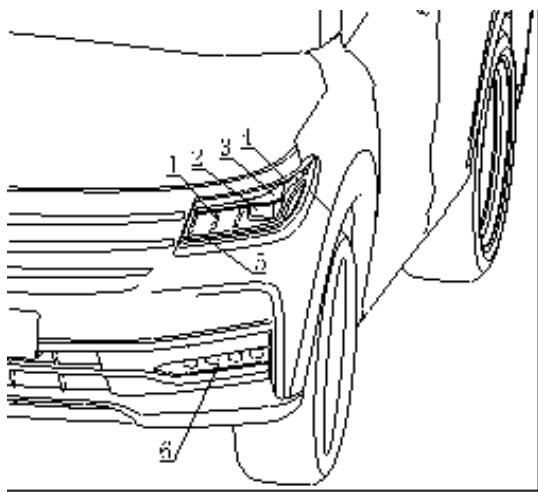
The fuse is blown again. Please check and repair the electrical system by the authorized service network of DFSK.

Battery positive fuse box

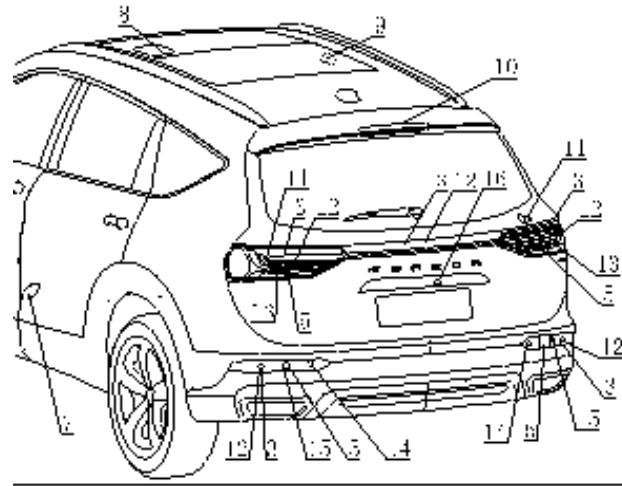
If the electrical equipment can not work normally when the fuse is good, please check the fuse box 1. If the fuse wire is burnt out, please replace the fuse with the same model.

When checking and replacing the insurance in the box, please go to DFSK authorized maintenance point for replacement.

Car lights (high version)

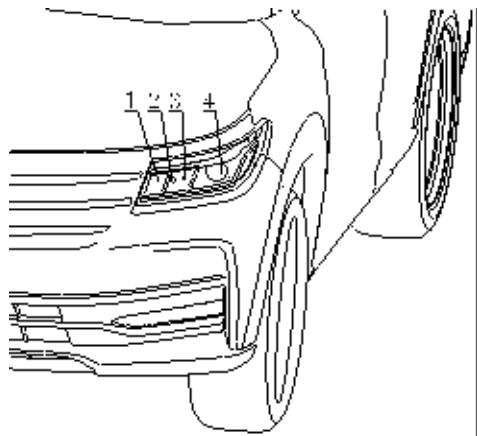


1. High beam
2. Low beam
3. Position light
4. Daytime running lights
5. Turn signal
6. Front fog lights
7. Welcome light
8. Front reading light
9. Rear interior lights

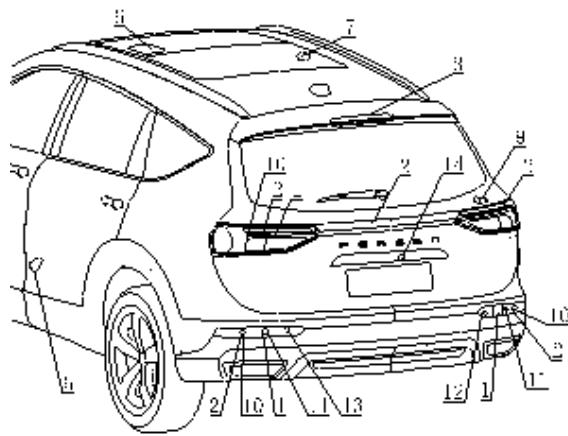


10. High Brake Light
11. Luggage compartment lights
12. Brake lights
13. Reversing lights
14. Rear fog lamp
15. Retro reflector
16. License plate light

Car lamps (low Version)



1. Turn signal	5. Welcome light	9. Trunk light	13. Rear fog lamp
2. Position light	6. Front reading light	10. Brake light	14. License plate light
3. High beam	7. Rear interior lights	11. Retro reflector	
4. Low beam	8. High Brake Light	12. Reversing lights	



Be careful

Avoid changing the bulb without permission. If the bulb is not in compliance with the maintenance specifications during the replacement process, it may cause problems such as poor contact of the bulb, short circuit of the lamp holder, and water leakage of the lamp. If you need to replace the bulb, please contact DFSK after-sales service station for inspection.

Note

Under normal circumstances, when in rainy weather, car washing and other humid environments.

Moisture in the air will condense on the inner surface of the lamp to produce mist. This situation may occur repeatedly and is a normal physical phenomenon, and the fog will dissipate naturally over time. If the fog cannot be dissipated, please contact DFSK service station for inspection.

Headlight

The functions of the headlights include:

4. Position light
5. Low beam
6. High beam (when the high beam is turned on, the low beam is turned on at the same time)

7. Turn signal
8. Daytime driving lights *

For the opening and closing methods of position lights, low beam lights, high beam lights, turn signals, and daytime driving lights, please refer to the instructions for the light combination switch.

Front fog lights

Please refer to the instruction of light combination switch for the method of opening and closing the front fog lamp.

Side turn signal light

Please refer to the instructions for the light combination switch for the

opening and closing method of the side turn signal lamp.

Front reading light

Please refer to the indoor lighting instructions for the opening and closing methods of the front reading light and the rear indoor light.

Rear combination lamp

The rear combination lamp is composed of the rear combination lamp of the back door and the rear protection combination.

The function of the combination light behind the back door:

1. Position light
2. Brake lights

3. Reversing lights
4. Turn signal

Rear headlamp function:

1. Position light
2. Brake lights
3. Turn signal
4. Rear fog lights

For the opening and closing methods of position lights, turn signals, and rear fog lights, please refer to the instructions for the light combination switch.

When the brake pedal is depressed, the brake light will turn on, otherwise it will go out.

When the shift lever is in the reverse gear, the reverse light will be turned on, otherwise it will go out.

Rear fog lamps

For the method of opening and closing the rear fog lamp, please refer to the instructions for the light combination switch.

High brake lights

When the brake pedal is depressed, the high-position brake light will turn on, otherwise it will go out.

Door light

Please refer to the indoor lighting instructions for the method of opening and closing the door light.

Luggage compartment lights

Please refer to the indoor lighting instructions for the method of opening and closing the luggage compartment light.

Exterior lights (High configuration)

Item	watt (W)
Hybrid headlight	Low beam 2×27
	High beam 2×23
	Daytime driving lights 2×21
	Position light 2×2
	Front turn signal 2×11
	Motor 2×5
	AFS 2×5

Front fog lamp assembly	Front fog lamp	2×15
High-position brake light assembly	High-position brake light	5
Combination lamp assembly behind the back door	Position light	2×3
	Brake light	2×7
	Rear turn signal	2×10
	Reversing lights	2×3
	Position light	12
	Brake light	15
	License Plate Light	5
	Position light	2×4
Rear bumper	Brake light	2×7

combination lamp assembly	Rear turn signal	2×8
	Rear fog lamp	2×21

Exterior lights (low-level configuration)

Item	watt (W)
Hybrid headlight	Low beam 2×55
	High beam 2×65
	Position light 2×5
	Front turn signal 2×21
	Front fog lamp assembly 2×15
High-position brake light assembly	High brake lights 5
Rear	Position light 2×3.5

combination lamp assembly for back door	Brake light	2×21
	Rear turn signal	2×21
Back door light belt assembly	Position light	2.4
	Brake light	5.5
License Plate Light	License Plate Light	5
Rear bumper combination lamp assembly	Position light	2×5
	Brake light	2×21
	Rear turn signal	2×21
	Reversing lights	2×5

Interior Lamp

Items	Walts
Front reading light	10

Rear interior lights	2×5
Luggage compartment lights	5
Door light	2×5

specifications, it may cause problems such as poor contact of the bulb, short circuit of the lamp socket, and water leakage of the headlight.

When the lamp is in use, it is inevitable that pollutants will be adsorbed on the surface of the lamp's lens. After a long time of lighting, the temperature of the lamp body may become too high, which may cause the hidden danger of deformation of the lens and affect the light transmittance of the lamp. In order to prolong the service life of the lamps and your

⚠ Warning

If the lamp leaks, please go to the DFSK Service Center for maintenance, so as not to affect the use.

Avoid changing the bulb without permission and avoid operation by non-professionals. If the maintenance process of the bulb does not meet the maintenance

driving safety, please clean the lens of the headlights regularly.

If the lamp leaks, please go to the DFSK Service Center for maintenance, so as not to affect the use.

- Avoid changing the bulb without permission and avoid operation by non-professionals. If the maintenance process of the bulb does not meet the maintenance specifications, it may cause problems such as poor contact of the bulb, short circuit of the lamp socket, and water leakage of the headlight.

When the lamp is in use, it is inevitable that pollutants will be adsorbed on the surface of the lamp's lens. After a long time of lighting, the temperature of the lamp body may become too high, which may cause the hidden danger of deformation of the lens and affect the light transmittance of the lamp. In order to prolong the service life of the lamps and your driving safety, please clean the lens of the headlights regularly.

Tires and wheels

If the tires are flat, please refer to "flat tires" in the chapter "VII. Emergency measures".

Tire inflation pressure

Regularly check the tire pressure, including the spare tire. Incorrect tire pressure may affect tire life and vehicle operation. The tire pressure must be checked when the tire is cold. When the vehicle has been stopped for 3 hours or more, or the driving distance is less than 1.6km, it can be regarded as a cold tire, and the pressure of the cold tire is displayed on the tire pressure label.

Insufficient tire pressure may cause the tire to overheat and internal damage. When driving at high speed,

it may cause the tread to separate or even blow out the tire.

Tyre type



Be careful

When replacing new tires, confirm that all tires have the same type (ie: summer tires, all-weather tires or snow tires) and structure. Service outlets authorized by DFSK can provide you with information on tire type, size, speed grade and supply.

The rated speed of new tires may be lower than the original tires, and may not be equal to the limit speed of the car. Do not drive at a

speed exceeding the maximum rated speed of the tire.

Four Seasons General Tire

Some models are equipped with four-season tires (that is, all-weather tires), which can be used throughout the year, including the snow season. Four-season tires are marked with "ALL SEASON" or "M+S*" on the sidewall of the tire. All-season tires have good performance on snow and icy roads. Snow tires have better snow traction than all-weather tires. The sidewalls of the tires are marked with "M+S*", but it is dedicated to certain areas.

Summer tires

DFSK designated summer tires to provide excellent driving performance under general weather conditions. The performance of summer tires on snow or ice will be significantly reduced. "M+S*" is not marked on the sidewall of the tire. If you plan to drive in snowy or icy conditions, DFSK recommends that you use snow tires or all-weather tires for all four tires.

Snow tires

If it is necessary to use snow tires, you must choose a tire with a size and load rating equivalent to the original

tire and spare tire. Otherwise it will affect the safety and operational performance of your vehicle.

Under normal circumstances, snow tires will have a lower speed rating than the original tires, and may not be able to match the potential maximum speed of the vehicle. The maximum speed rating of the tire cannot be exceeded.

If you increase traction on icy roads, you can use studded tires. However, its use is prohibited in some countries or regions. Please check local regulations before installing studded tires. Studded tires used on

wet or dry roads may have worse slip resistance and tracking ability than non-studded tires.

Tire chain

The use of tire chains may be prohibited in some areas. Therefore, please check local regulations before installing tire chains. When installing tire chains, make sure that the size is suitable for the tires of your vehicle, and install them according to the manufacturer's recommendations. When the snow chain manufacturer has suggested, a chain tensioner can be used to maintain the tightness of the installation. The connecting piece

at the loose end of the snow chain must be fixed or removed to prevent damage to the fender or chassis during swing. In addition, please drive at a low speed, otherwise it may damage your vehicle or affect the handling and performance of your vehicle.

The tire chains is installed on the drive wheel. Do not install snow chains to drive on roads without snow or on good roads. Under this road condition, the installation of snow chains will cause damage to the various mechanisms of the vehicle due to some stress.

The following table shows the size of tire chains corresponding to the tires

Tire specifications	Tire chain model
245/60 R18	T110
245/50 R20	T110

Tire Swap

DFSK recommends that tires be exchanged every 10,000 km.

Please refer to the "flat tire" tire replacement procedure in the "7. Emergency measures" chapter.

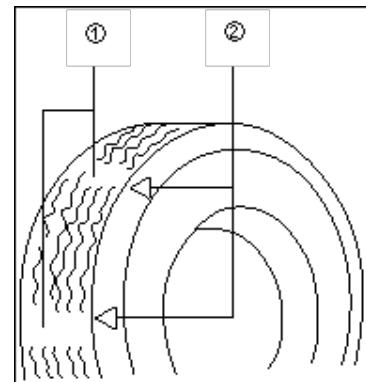
⚠ Warning

After the tire has been rotated, adjust the tire pressure.

After the tire is swapped, the tire pressure must be adjusted and the wheel nuts must be re-locked after the vehicle has traveled 1000km (this operation is also required when the tire is flat).

Incorrect selection, installation or maintenance of tires will affect the safety of vehicle accident risks and injuries. If you have any questions, please consult the service outlets authorized

by DFSK or the tire manufacturer.



① Wear mark

② The mark of the wear mark position

Tire wear and damage

Tires must be checked regularly for wear, cracks, swelling or objects caught in the tread. If there is excessive wear, cracks, swelling and deep cuts, the tire must be replaced.

The original tire has a wear mark ① on the tread. When the wear mark is seen, the tire must be replaced. The position of the wear mark is indicated by the mark ②. Incorrect use of the spare tire will cause serious injury. If it is necessary to repair the spare tire,

please consult DFSK Specialty Store.

Tire life

Tires older than 5 years cannot be used regardless of whether they are new or old.

Tires will age with time and use. Please go to the service outlets authorized by DFSK to check the tires and conduct dynamic balance tests regularly, and inform the service outlets of the tire conditions.

Replace tires and wheels



Warning

Deformed wheels and tires cannot be installed, even if they have been repaired. Such a wheel or tire structure may have been damaged, and unpredictable failure or failure may occur.

When replacing tires, please use tires with the same size, speed class and load capacity as the original tires. (Please refer to "Tires and Wheels" in the "X. Technical Information" chapter). Using tires other than those recommended or mixing tires of different brands, structures (diagonal tires, bias tires, radial tires, etc.) or tread types will

affect driving, braking, handling, ground clearance, body and tire clearance, tire chain clearance, speed meter calibration, headlight beam angle and bumper height, etc. These effects may cause accidents and may cause serious personal injury.

No matter the wheel is replaced for any reason, the wheel with the same offset must be replaced. Wheels with different offsets can cause premature tire wear. Reduce vehicle handling characteristics or interfere with brakes. Interference with the brake will result in reduced

braking efficiency or premature wear of the friction plate.

Wheel balance

Unbalanced wheels will affect vehicle handling and tire life. Even in normal use, the tires will be unbalanced, so the wheels must be periodically checked for dynamic balance as needed. When performing dynamic balance testing, the wheels must be removed from the vehicle. The front wheel is installed idling on the car for dynamic balance detection, which will cause damage to the gearbox.

Spare tire

Conventional spare tire

Have a standard tire in your car.

Regular maintenance

Depending on weather and air conditions, different road conditions, personal driving habits and vehicle usage, additional maintenance may be required or the maintenance interval may be shortened. After completing the last regular maintenance in the table, similar regular maintenance should still be carried out.

For detailed maintenance plan, please refer to "F517 Model

Maintenance

Maintenance Manual (Distributed
with Vehicle)"

Maintenance

Fuel/lubricant and capacity recommendations

The following table is the theoretical capacity, the actual filling volume may be slightly different, when filling, please refer to the filling standard explained in this chapter.

Item	specification	Filling amount
	HD20	HD20+6AT
Fuel oil	Unleaded gasoline above 92 [#]	70L
Engine oil	SAE 5W-30 API: SN	(4.9±0.1)L
Transmission gear oil	SK ATF SP-IV M	5L (Check the oil level after refueling)
Power take-off, rear independent main reducer with differential assembly, gear oil	SHELL SPIRAX S5 ATE 75W90	(680±50)mL
Engine coolant	FD-20°C (generally) FD-40°C (Extremely cold regions)	(7±0.2)L

Maintenance

Windshield washer fluid	No.-20 (generally) No.-35 (Winter alpine region)	(2.5 ± 0.2) L
Brake fluid	DOT4	(0.60 ± 0.03) L/ unit
Air conditioning refrigerant	R134a	The filling amount of the whole vehicle single steam air conditioner is: 480 ± 20 g/ unit
		The filling volume of the double steam air conditioner for the whole vehicle is: 800 ± 20 g/unit

1. For engine oil, please refer to the SAE viscosity chart recommended in ("Air Conditioning System Refrigerants and Lubricants" in the "Ten. Technical Information" chapter).
2. The vehicle fuel is not allowed to be changed to other fuels, such as CNG, LPG, etc.
3. Note: The damage to the transmission caused by the use of other fuels is not covered by the warranty, even if it fails during the warranty period.
4. Transmission gear oil must use SK ATF SP-IV M type transmission gear oil.
5. The technical requirements for brake fluid are implemented in accordance with GB12981 "Motor Vehicle Brake Fluid", which is replaced every 2 years or 40,000 kilometers, and brake fluids from different manufacturers (DOT4) cannot be mixed.

X. Technical Information

Fuel/lubricant and capacity recommendations

Gasoline engine (with three-way catalytic converter)



Warning

Do not use leaded gasoline. Using leaded gasoline will damage the three-way catalyst.

Please use unleaded high-quality gasoline that meets 92# and above specified in GB 17930.

This vehicle complies with GB18352.6-2016 "Light Vehicle Pollutant Emission Limits and Measurement Methods (China Phase

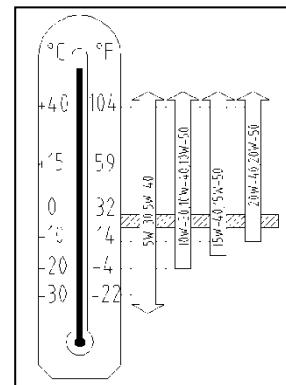
6)", and it has reached the China VI emission level when it leaves the factory. Please use fuel with an octane rating of 92 or above and meet the China VI emission standards. If other types of fuel are used, the exhaust performance will deteriorate and the engine malfunction indicator light (MIL) may be lit.

Recommended SAE viscosity chart

Engine oil:

The viscosity suitable for the external temperature range can be selected from the chart. It should

comply with the engine oil of SN grade and above in GB 11122.



Air conditioning system refrigerant and lubricant recommendation

The air-conditioning system of DFSK must be filled with R134a

refrigerant and DFSK air-conditioning system lubricant, or its equivalent. The use of any other types of refrigerants or lubricants causes serious damage, and even requires replacement of the

entire air conditioning system on the car.

In many countries and regions, it is forbidden to discharge refrigerant into the atmosphere. The refrigerant

used in your vehicle is R134a. DFSK recommends recycling the refrigerant. When you need to repair the air-conditioning system, please contact the service outlet authorized by DFSK

Tires and wheels

Tire size	Standard	245/60R18; 245/50R20
	Spare tire	245/60R18
Tire specifications	245/60R18; 245/50R20	
Tire pressure (Cold state) (kPa)	Front wheel	230 (No load) /230 (Fully loaded)
	Rear wheel	230 (No load) /250 (Fully loaded)

Wheel	Types of	Specification	Offset mm
	Steel wheel / Aluminum wheel	245/60R18: 18×7.5J	30
	Aluminum wheel	245/50R20: 20×8J	30

Wheel alignment

Front toe (unilateral)	-0.18 °~0.36 °
Front wheel camber	-0.6 °±0.75 °
King pin inclination	10.95 °±0.75 °
Caster angle	2.87 °±0.75 °

Technical Information

Rear wheel camber	-0.55±0.75 °
Rear wheel toe	-0.22 °~0.22 °

Main technical parameters of the vehicle

Project		Parameter			
Quality parameter	Engine model	HD20 (Two drive)		HD20 (Four-wheel drive)	
	Number of passengers	6 People		7 people	6 people
	Displacement (L) / Power (ml/kw)	1.967/170±8.5			
	Maximum allowable total mass (kg)	2515		2595	
	Axle load distribution under maximum allowable total mass (Front axle/Rear axle)(kg)	1200/1315		1235/1360	
	Rated contained mass (kg)	N/A		N/A	
	Curb quality (kg)	1950		2070	
	Axle load distribution under curb weight (Front axle/Rear axle) (kg)	1070/880		1125/945	

Technical Information

Size parameters	Length*width*high (mm)	4930×1935×1765	
	Wheelbase (before / Rear) (mm)	1635/1630	
	Front overhang / Back overhang (mm)	995/1125	
	Wheelbase (mm)	2810	
	Approach angle (°)	19 °/21.5 °(No load)	
	Departure angle (°)	18.9 °/16.8 ° (Fully loaded)	
Height of vehicle center of mass (mm)		691/694	
Minimum ground clearance (mm)		200 (No load) /130 (Fully loaded)	
Minimum turning diameter (m)		12.2	
Dynamic	Maximum speed (km/h)	≥200	
	Start on the spot and continue to shift gears and accelerate to 100 km/h Time required (s)	<10	<11
	Steep climbing performance	Grade ability (%)	≥38
Economy	Comprehensive fuel consumption (L/100km)	8.6	9.2

Technical Information

Engine model	HD20
Maximum torque (N·m)/ Rotating speed (r/min)	355/1800～4000
Rated power (kW) / Rotating speed (r/min)	172/ 5500
Maximum net power (kW)/ Rotating speed (r/min)	170 /5500
Form	Four cylinder four stroke、Forced circulating water cooling、 Exhaust gas turbocharging、Front front drive / front four-wheel drive
Cylinder arrangement	Inline
Bore × Stroke (mm)	82.5 ×92
Displacement (ml)	1967
Idling (rpm)	700
Spark plug	SILKR7E

Project	HD20
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Technical Information

Model		6AT
Type		6AT Gearbox
Speed ratio	First gear	4.651
	Second gear	2.831
	Third gear	1.842
	Fourth gear	1.386
	Fifth gear	1
	Sixth gear	0.772
	Reverse gear	3.393
	Main reduction ratio	3.32

When traveling or registering in a foreign country

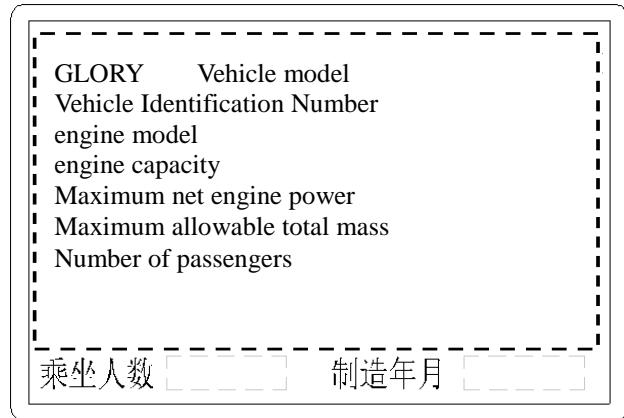
As you plan to travel abroad, firstly confirm where to buy the appropriate gasoline. The low octane fuel possibly damages the engine and please kindly prepare the sufficient fuel whereever you go. For the fuel information please kindly refere to the contents int his manual.

As you drive car aboard, into other states, other province, please kindly conform the regualtion with the local authority. For local homologation necessary modification has been done. Different country or regions Emission and safety standard requests the necessary modification for the local register, DFSK has no responsibility.

Vehicle identification mark

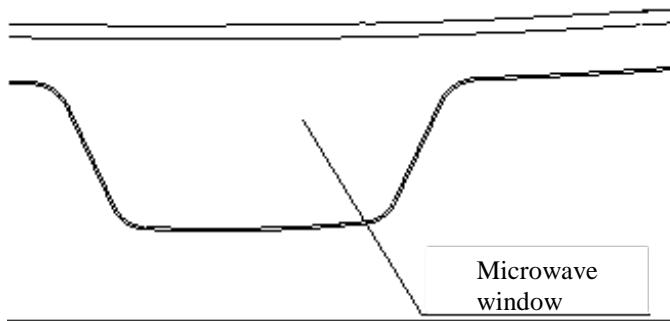
Vehicle identification label (Nameplate)

The vehicle nameplate is fixed under the B-pillar on the right.

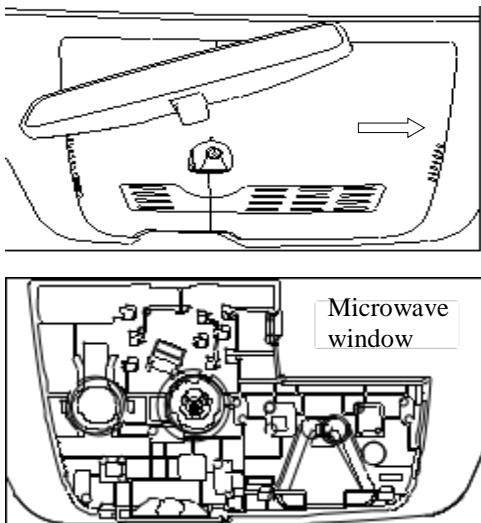


Microwave window

The position of the microwave window is shown in the figure above, The installation of electronic signs shall meet the requirements of GB/T 35790.1-2017.



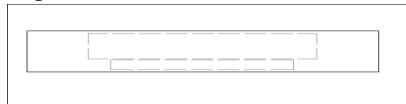
If there is front windshield mirror seat decoration, refer to the figure below for specific location:



Vehicle identification code (VIN) Logo

Passenger vehicle ECU records vehicle identification number (VIN) and other characteristic information, and the recorded vehicle identification number can be connected to the access port through the vehicle fault diagnosis instrument (such as Lanjen TECHNOLOGY's PS80 vehicle fault diagnosis instrument), and read into the corresponding vehicle type's ELECTRONIC injection management system. Please refer to the official website of DFSK Maintenance Information Disclosure for specific information about reading tools:

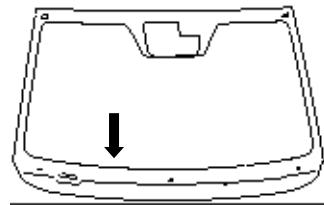
<http://dfsk.51tis.com>



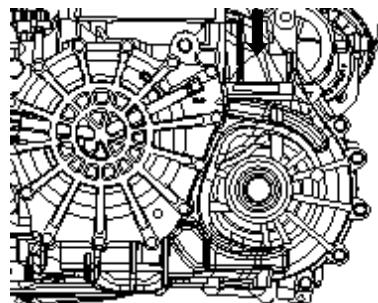
Vehicle Identification Number (VIN) printed in 10 areas:

Respectively as follows:

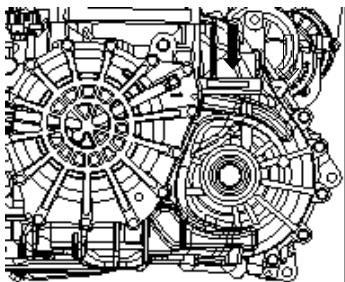
1. Located on the lower left side of the front windshield as shown below:



2. Engine transmission (6AT), as shown below:

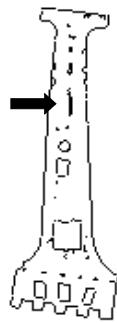


Front drive

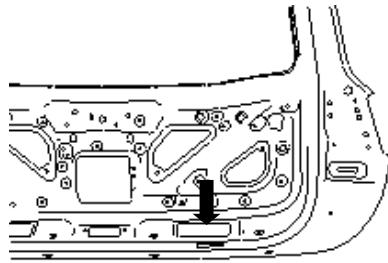


Four-wheel drive

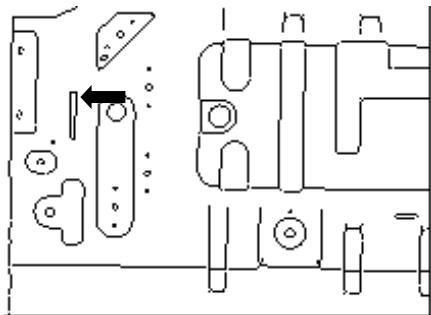
3. Left B pillar, as shown below:



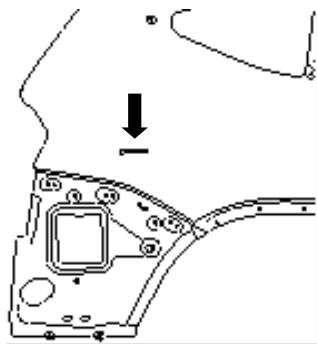
4. The inner skin of the back door, as shown below:



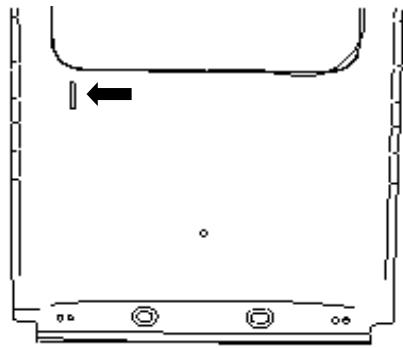
5. Rear floor, as shown below:



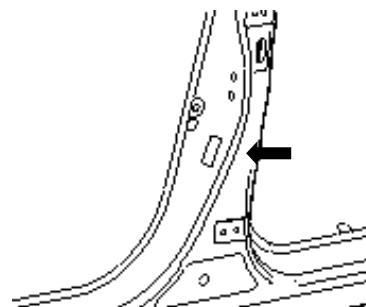
6. Outer skin of the side wall (left), as shown below:

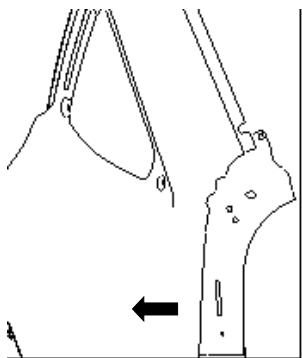


7. Top cover, as shown below:



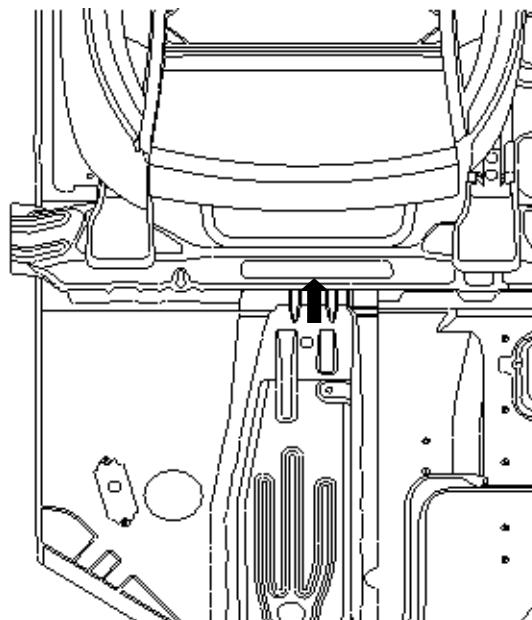
8. Threshold of the left front door, as shown below:





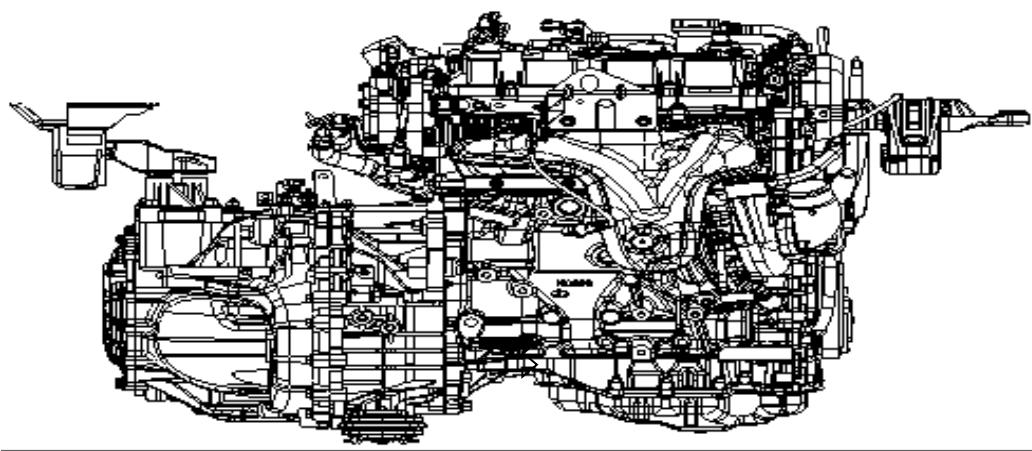
9. D pillar outer panel (left) as shown below:

10. The marking position is under the passenger seat, as shown below:

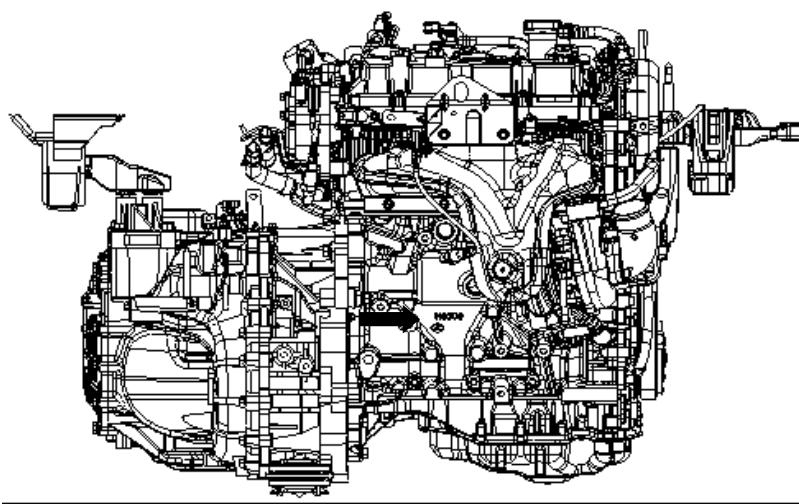


Engine serial number

The serial number is engraved on the engine, as shown by the arrow in the figure below:

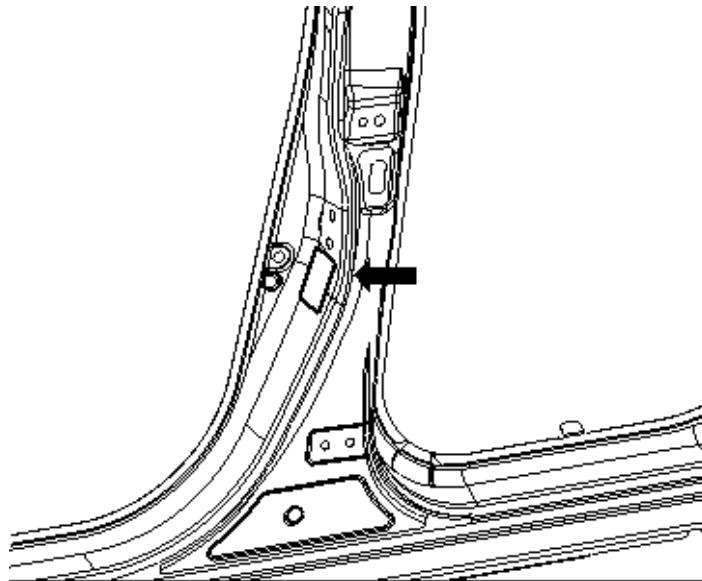


HD20+6AT engine (front drive)



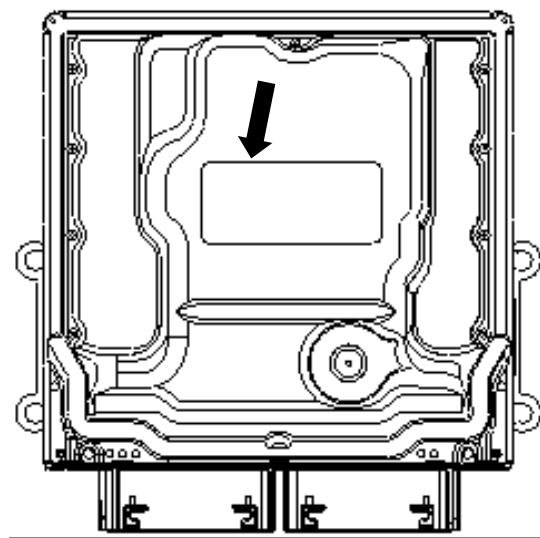
HD20+6AT engine (four-wheel drive)

Tire pressure label



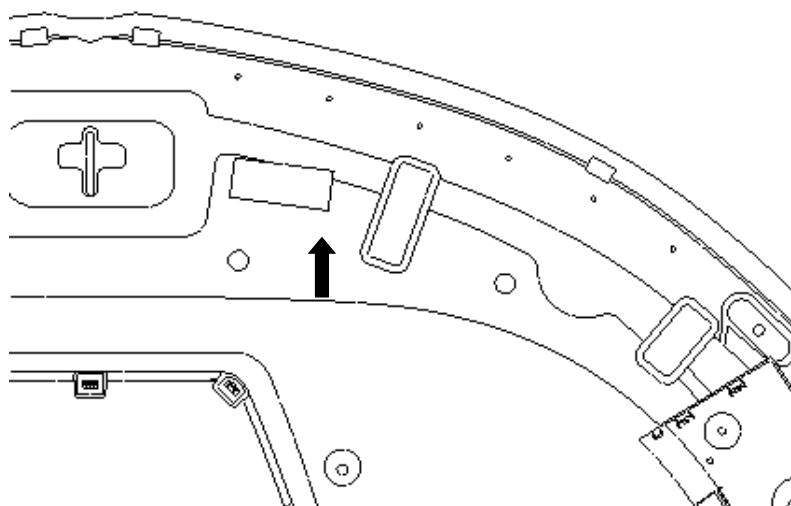
The air pressure of the cold tire is displayed on the tire pressure label on the center pillar on the driver side

ECU identification



ECU identification label

Air conditioning refrigerant specification label



The air conditioner specification label is attached to the back of the hood