

Preface

Our respected friend, thank you for choosing the DFSK F Series. DFSK MOTOR CO., LTD. is a joint venture by DONGFENG GROUP and SOKON MOTOR GROUP. Our advanced designing and manufacturing technology and highly effective and flexible management mode will drive you to a wealthy life.

For your correct operation and maintenance of the DFSK F Series, this User Manual is sincerely made for your careful reading before driving your vehicle; otherwise, unpredictable damage may occur to your car or the spare parts of it, which may result in risks for the performance and the life-span of your vehicle.

Please keep in mind that DFSK Motor Co., Ltd. knows your vehicle the best. When you encounter any repair or any problems of your vehicle, we shall try our best to offer the most sincere assistance. Meanwhile, your comments and suggestions are most welcome.

Important Safety Tips!

Please obey the following important driving principles, to ensure a safe and perfect journey for you and your passengers.

- **Driving after drinking or taking medication is strictly forbidden.**
- **Obey local traffic rules, keep a safe speed limit, do not overspeed or overload.**
- **Fasten your seat belts at all times, and use appropriate children seat belts; children must be seated on the rear seats.**
- **Instruct your passengers to correctly use the safety equipment.**
- **Refer to this manual on a routine basis and obtain all important safety information.**

Version Information

Materials adopted in this manual are applicable to all the models of F Series, including some optional equipment; this way you may find some information not suitable for your particular vehicle.

All information, parameter and charts are based on the information when this manual was printed. DFSK reserves its right to alter the specifications and the designing of the vehicles without any advanced notice.

Modifications of Vehicle

Do not modify your vehicle. Modifications to your vehicle may influence the performance, safety or duration of your vehicle, or may even violate local laws. Moreover, DFSK bears no responsibility and suspends the warranty of the vehicle for any damage or malfunction caused by modifications.

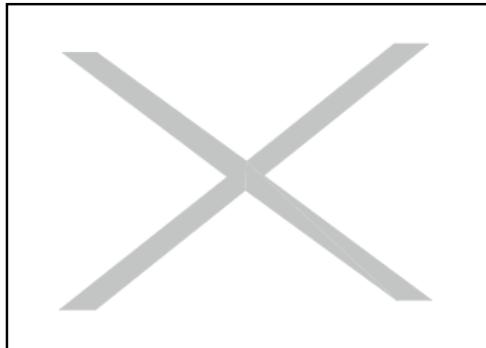
Read Before You Drive

Before you drive, please thoroughly read this manual, so that you could be familiar with controlling, maintaining your vehicle and safely driving your vehicle.

This manual uses “⚠️marks” as a warning sign; it means it could cause physical danger or other server damage. You must obey the principles in order to avoid or reduce danger.

This manual also uses “⚠️Warning” for caution sign; it means it could cause slight damage to the persons or vehicle. You are advised to obey the principles in order to avoid or reduce danger.

The notice sign “⚠️Notice” means some helpful information.



These arrows signs refer to the front direction of the vehicle.



These arrows signs refer to moving.

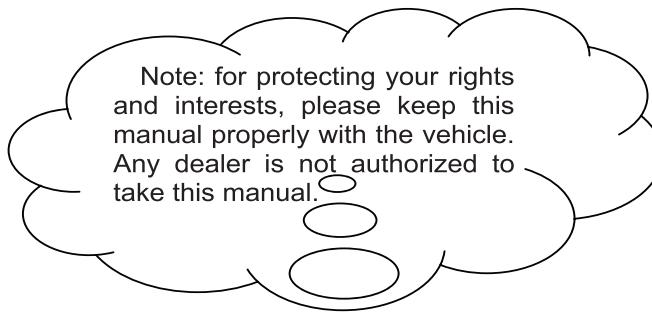


These arrows mean to notice the item pointed by the arrows.

This sign means ‘Do not do this’ or ‘Do not let it happen’.

Important Notice

- ◆ Upon 90 ± 5 days or 2000 ± 500 km (whichever comes first) after your purchase of your vehicle, please bring your ‘Customer Information Card’ to receive a running-in maintenance for free at DFSK authorized service center. Without having this maintenance service, you shall be deemed to give up the right to have all the following warranty service.
- ◆ After the running-in maintenance, a regular maintenance every 5000 ± 500 km in DFSK authorized service center shall be conducted (recommended items could be referred to afterwards). This is the correct and recommended way to use your vehicle, since only thorough and careful maintenance can keep your vehicle in a healthy condition and therefore expand its life span. If you fail to have regular maintenance in DFSK authorized service center, the following maintenance and warranty service shall be ceased.
- ◆ Any alteration to the structure or function of DFSK vehicle is strictly forbidden; DFSK shall not bear any responsibility for any direct or indirect damage to the vehicle caused by unauthorized addition, modification or remodeling to the vehicle.
- ◆ You are recommended to use DFSK spare parts so as to maintain the performance of your vehicle. DFSK shall not bear any responsibility for any direct or indirect damage caused by using non-DFSK spare parts.
- ◆ You are required to bring your vehicle to DFSK authorized service center for checking and repairing when any quality issues happen. During checking, DFSK authorized service center is entitled to decide a certain method for repairing based on the actual situation.
- ◆ DFSK Motor Co., Ltd. has appointed authorized service centers countrywide in order to offer good service in technical and spare parts aspects for a good, careful and reliable guarantee to the repairs and maintenance of your vehicle. You have the right to inspect on the quality of running-in maintenance, regular maintenance and repair that the authorized service centers conduct on your vehicles. Your comments and advices are most welcome by telephone or email to DFSK Motor Co., Ltd.
- ◆ Please keep ‘Customer Information Card’ with the vehicle at all times, in order to receive any service and help. Please make sure to hand over all the materials when this vehicle is transferred to another user.
- ◆ For any ambiguity in this manual, DFSK Motor Co., Ltd. and DFSK authorized service center will offer your more detailed explanation.



Note: for protecting your rights and interests, please keep this manual properly with the vehicle. Any dealer is not authorized to take this manual.

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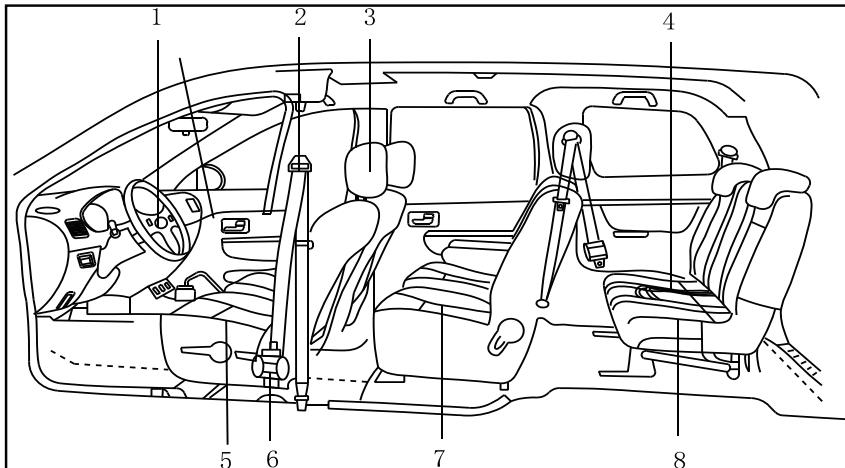
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Illustration index

Seats, Seat Belts and SRS



1.Auxiliary front air bag (including secondary air bag)*

2.Seat belt

3.Head rest

4.Two-point seat belt

5.Front seats

6.Pre-fasten seat belt*

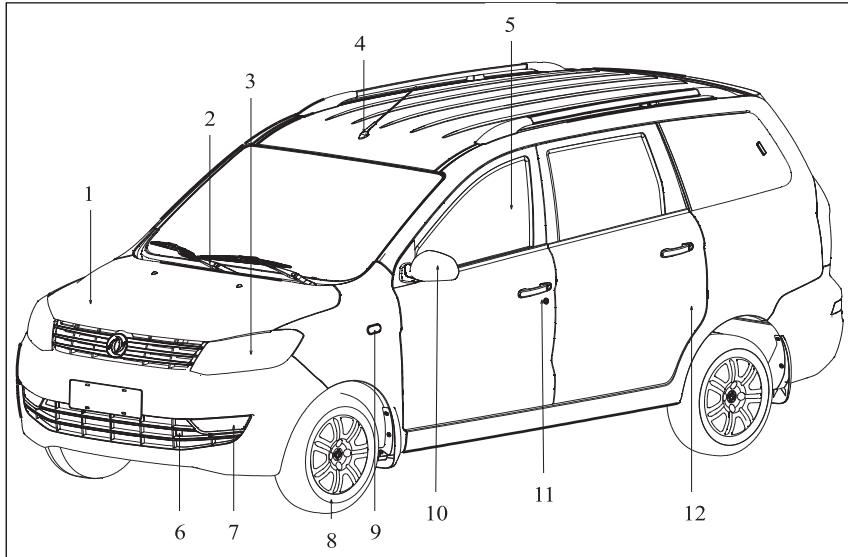
7.Second row of seats

8.Third row of seats

—Children seats

*Optional equipment

Exterior of Vehicle

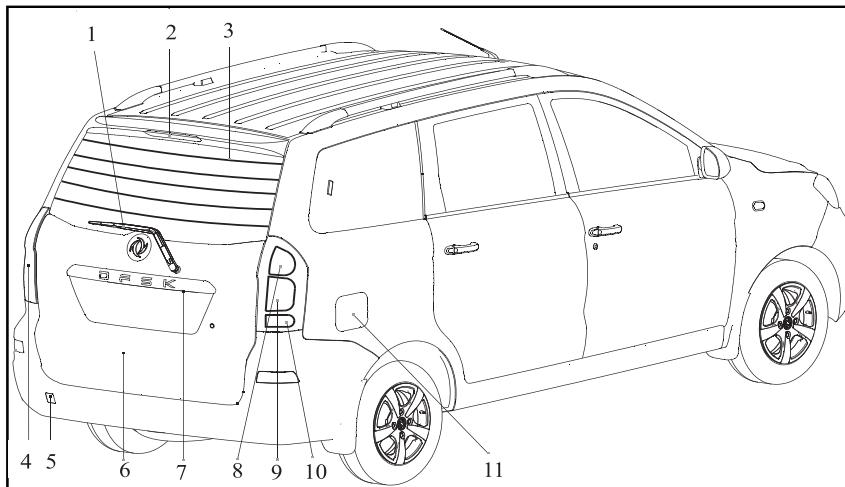


- Replace light bulb
- 8. Tire
- Tire and wheel
- Tire pressure label
- 9. Side turning signal light
- Switch
- Replace light bulb
- 10. Outer rear view mirror
- 11. Door
- Key
- Lock
- 12. Rear door children lock*

*Optional equipment

- 1. Engine hood
- Switch
- 2. Front windshield wiper and washer
- Switch
- Windshield washer
- 3. Front lamp, turning signal light
- Replace light bulb
- 4. Antenna
- 5. Window
- 6. Hook
- 7. Foglamp*
- Switch

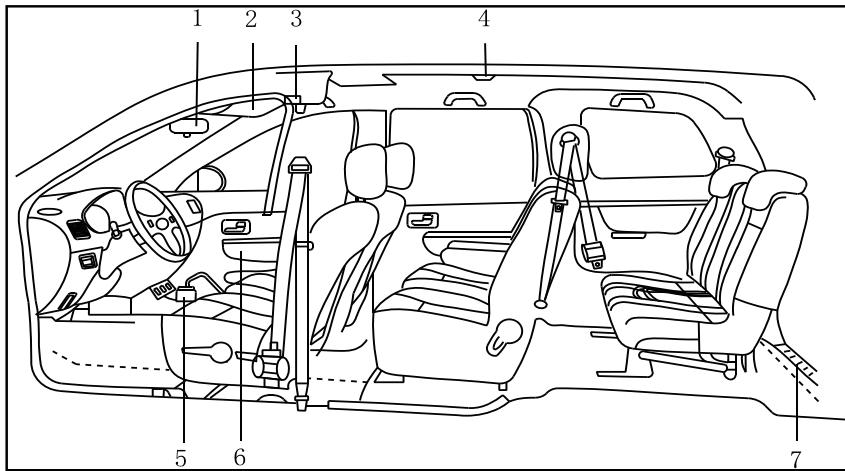
Rear View of Vehicle



1. Rear wiper*
—Switch
2. High brake lamp
—Replace light bulb
3. Rear defogger
4. Foglamp (LHD) or Reverse lamp(RHD)
—Switch
—Replace light bulb
5. Hook
6. Rear door
7. Plate lamp
8. Brake lamp

9. Turning signal light
—Switch
—Replace light bulb
10. Reverse lamp (LHD) or foglamp(RHD)
—Switch
—Replace light bulb
11. Fuel fill cover
—Opening
—Recommended fuel type
*Optional equipment

Cabin



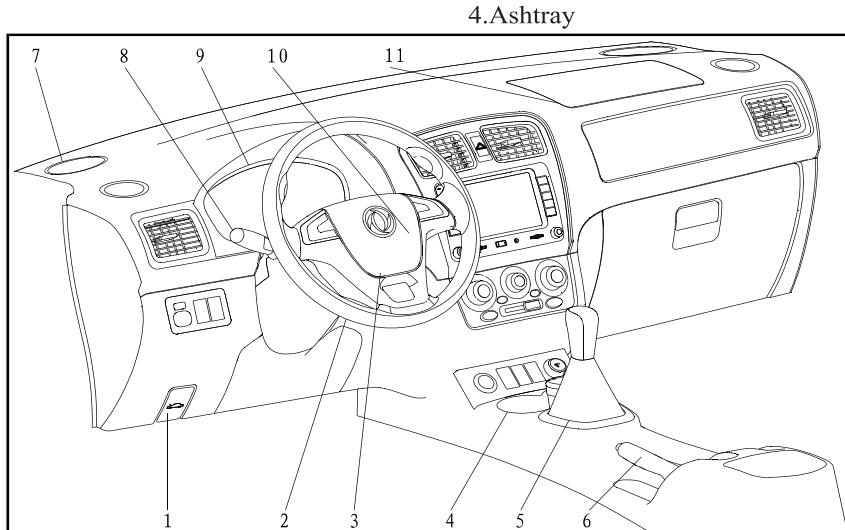
—Tail door

*Optional equipments

- 1. Inner rear view mirror*
- 2. Sunvisor
- Receipt holder
- Mirror*
- 3. Front cabin lamp
- 4. Rear cabin lamp
- 5. Storage spots

- Mid cup holder and reservoir
- Tool box
- Small holder
- Bottle holder and map bag*
- 6. Door handle
- Power windows switch*
- 7. Trunk

Driver's Cabin

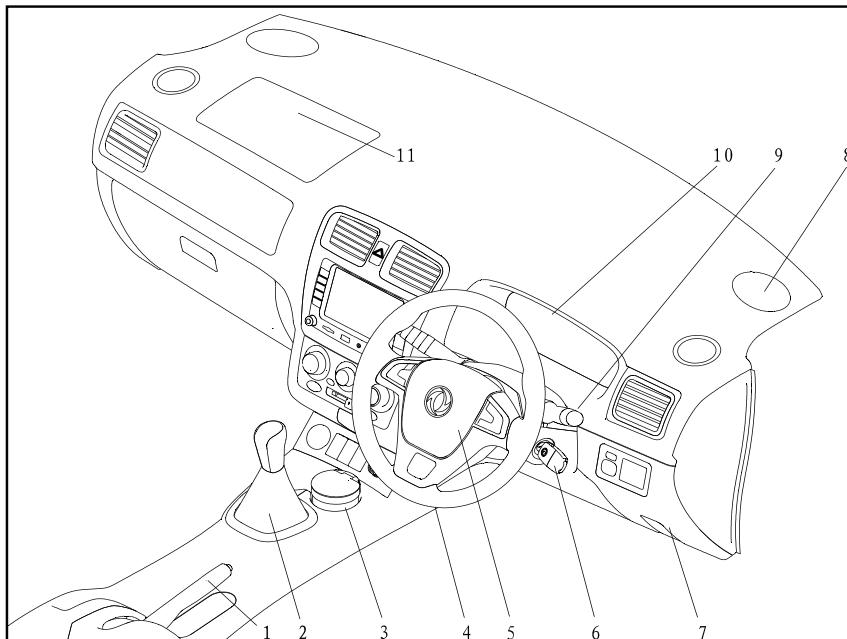


LHD

1. Front engine hood handle
2. Steering wheel
 - Power steering system
 - Horn
 - Front air bag
3. Horn

5. Manual transmission handles

6. Parking brake
 - Handle type
 - Check parking brake



RHD

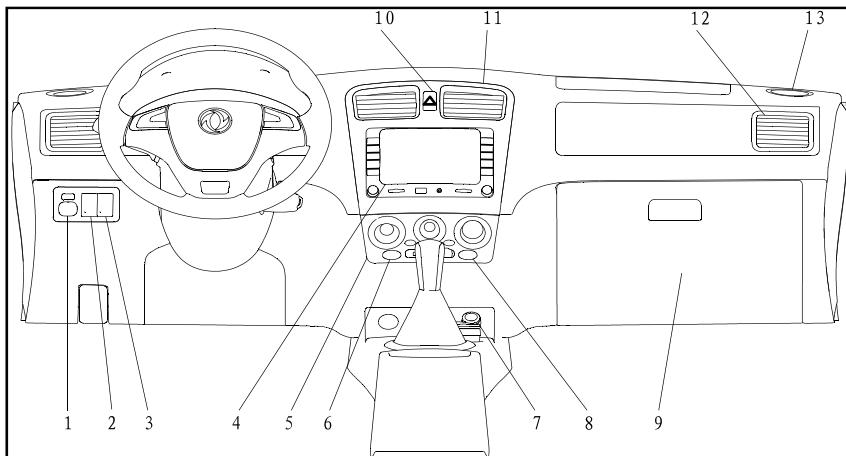
- 1. Parking brake
- Handle type
- Check parking brake

- 2. Manual transmission handles
- 3. Ashtray
- 4. Steering wheel

- Power steering system
- Horn
- Auxiliary front air bag
- 5 .Horn
- 6 .Ignition switch
- 7 .Engine hood handle
- 8 .Treble speaker
- 9 .Combination switch
- 10.Instrument
- 11.Auxiliary air bag *

* Optional equipment

Dashboard



LHD

- 1. Electronic rear view mirror adjustment switch*
- 2. Front lamp height adjustment switch*
- 3. Button cover
- 4. Speaker system
- 5. Heater control device
- 6. A/C switch

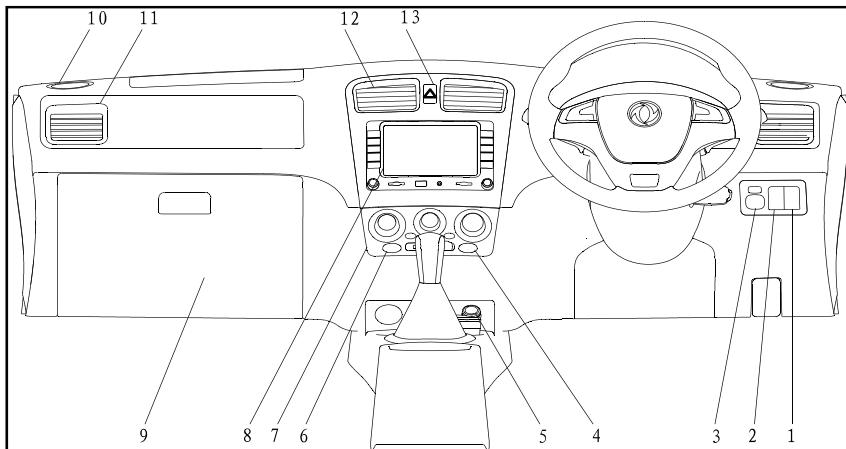
7. Cigar lighter

- 8. Rear defogger switch*
- 9. Tool box
- 10. Emergency flash light switch
- 11. Mid wind blower

12. Side wind blower

13. Side defogger blower

*Optional equipment



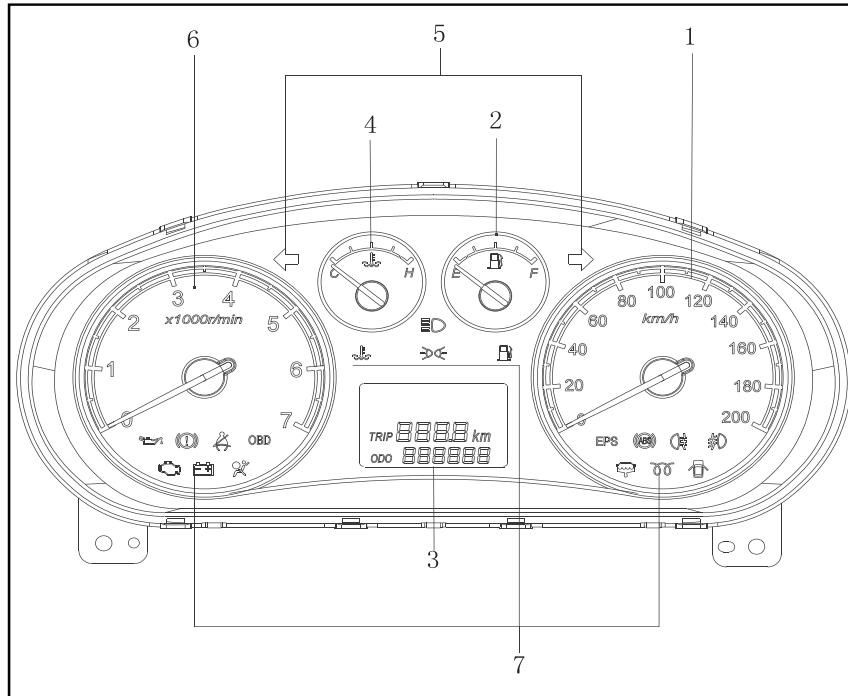
*Optional equipment

RHD

- 1. Button cover
- 2. Front lamp height adjustment switch*
- 3. Electronic rear view mirror adjustment switch*
- 4. Rear defogger switch*
- 5. Cigar lighter

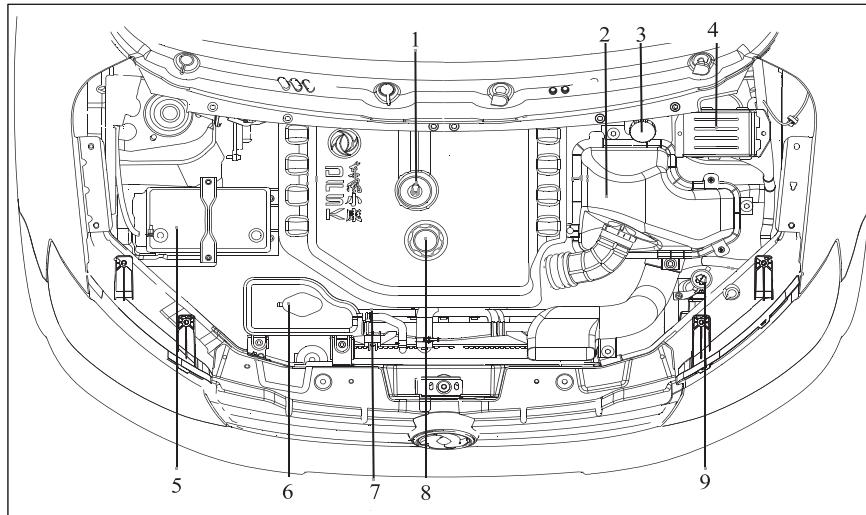
- 6. A/C switch
- 7. Heater control device
- 8. Speaker system
- 9. Tool box
- 10. Side defogger blower
- 11. Side wind blower
- 12. Mid wind blower
- 13. Emergency flash light switch

Instrument



1. Speedometer
2. Fuel meter
3. Mileage meter
4. Water temperature meter
5. Turning signal light
6. Engine RPM meter
7. Function indicators

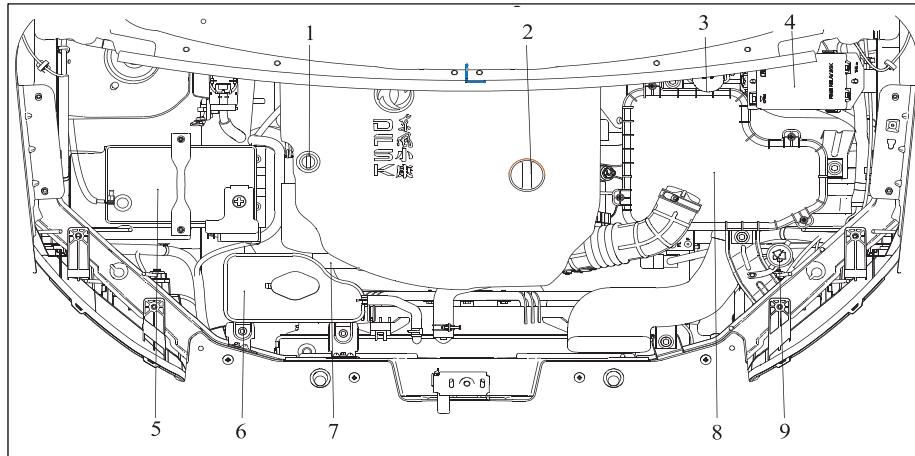
Engine Hood



DK13-08/DK15 engine

- 1. Engine oil level gauge
- 2. Air filter
- 3. Brake oil reservoir
- 4. Fuse box

- 5. Battery
 - Starting
- 6. Engine coolant reservoir
- 7. Engine driving belt
- 8. Oil fill cover
- 9. Windshield cleaner reservoir
 - Windshield cleaner

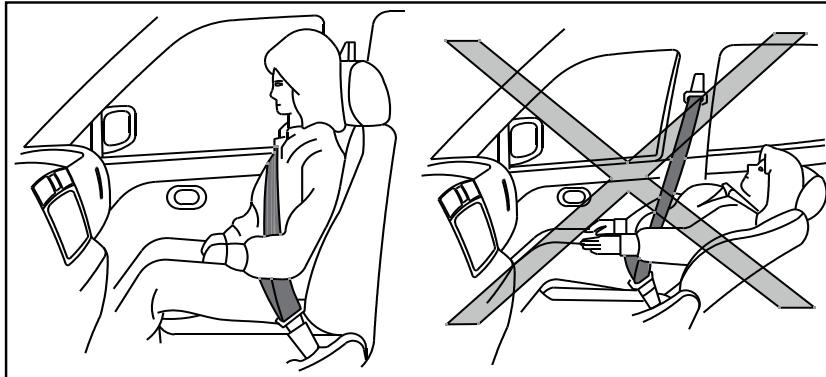


SFD12B engine

—Windshield cleaner

1. Engine oil level gauge
2. Oil fill cover
3. Brake oil reservoir
4. Fuse box
5. Battery
6. Engine coolant reservoir
7. Engine driving belt
8. Air filter
9. Wind shield cleaner reservoir

I 、 Safety equipment – seats, seat belts and supplemental restraint device



Seats

⚠ Warning

- Do not lean your seatback during driving and riding. It is very dangerous, since the seat belts is not correctly close to your body, and you may hit the belt and have severe damage to your neck and other body parts. Evenmore, you and your passengers may slide out of the belt and have serious damage to your body.
- The most effective protection is

to maintain your seatback at its upright position. Always lean your body on the seatback and properly adjust the seat belts. (Refer to 'Seat Belts' for more details.)

⚠ Warning

When adjusting the position of the seats, do not touch any moving parts, in order to avoid any possible damage to your body.

Front seats

⚠ Warning

Do not adjust the seats for the driver, since it will distract the driver.
Adjustment of the seats

⚠ Warning

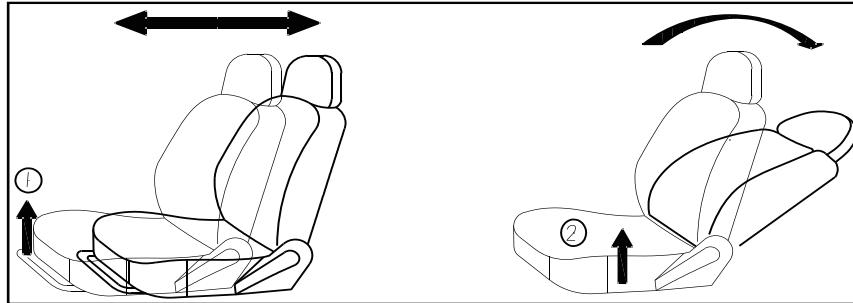
Slightly shake the seats to make sure it is properly locked after adjustment; otherwise, it may slide and cause the vehicle out of control during driving.
Adjustment forward and backward (Optional)

1. Pull the handle up①;
2. Slide the seat to a certain position;
3. Release the handle to lock the seat.

Lean

1. Lift the handle②;
2. Lean your seat to a certain position;
3. Release the handle to lock the seat.

The importance of leaning your seat is to attain a proper position of seat belt for passengers of different body



weight. (Refer to 'Seat Belt' for details.)

Your may lean your seat the this position to have a rest when the vehicle is parked②.

Second row seats 2+1 (Optional equipment)

Fold

⚠ Warning

- Do not put anything excessive than 20kg on the folded seatback.
- Do not damage seat belt when folding second row seats.
- Anyone ② robidden to sit in the luggage area or second row

seats when they are folded. Without proper protection, passengers may have severe damage during emergency braking or accident.

- Do not fold second row seats when vehicle is running. Sudden speeding or braking may cause injury to the passenger.
- Do not fold the seats when passengers are in this area or luggages are on the seats.
- Properly fix the luggages from sliding or moving. Do not put extra high luggages on the seats.
- When releasing the seats to its original position, make sure it is locked properly, in order to

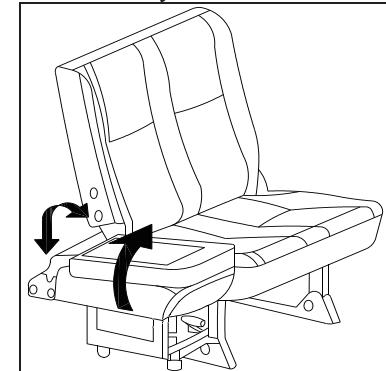
avoid any injury.

- Properly store the headrest (Optional) in order to avoid injury.
- Headrest should be adjusted within the proper range to avoid neck injury. Always reset the headrest after it is moved from the effective position.

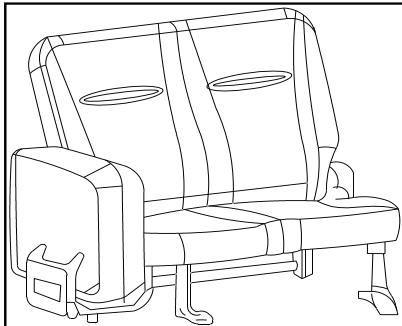
⚠ Warning

When vehicle is running, do not fold second row seats if the third row seats are in use.

Fold auxiliary seat



1. Fold the backrest of the seat and pull the seat to right side.

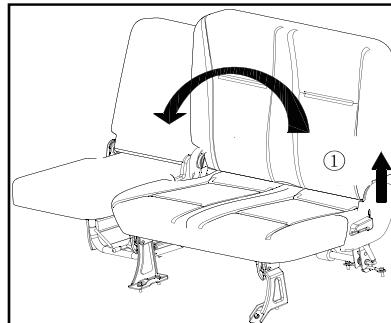


2. When you hear a click, the seat is properly folded.

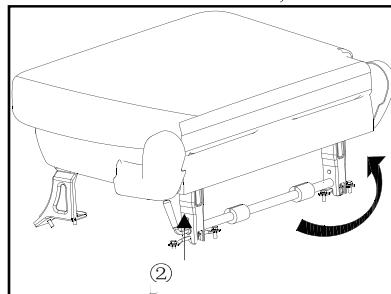
Open auxiliary seat

Do the reverse procedure of above to open the seat.

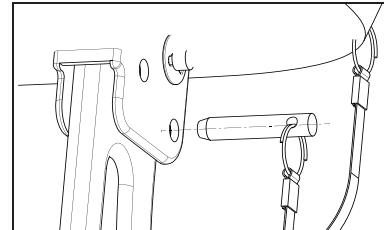
Fold second row seat



1. Lift the bucket ①, put the seatback on the seat;



2. Move the lock button ②, lift the back of the seat and rotate it;



3. Rotate the seat and apply the lock pin to avoid sliding.

Reset and return

Do the reverse of the above.

Individual second row seats (Optional)



It is the same adjustment with the front row seats. ②

Third row seats (Optional)



When the vehicle is running, do not

use third row seats if second row is in use.

Fold

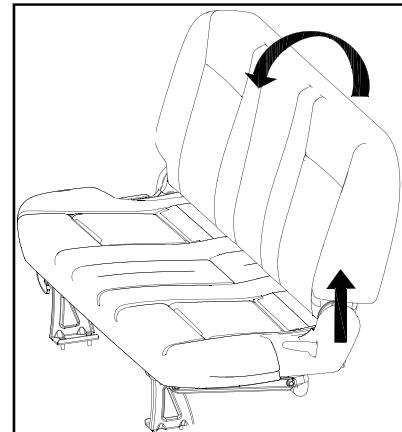


Warning

- Do not damage seat belt when folding third row seats.
- Anyone is probidden to sit in the luggage area or third row seats when they are folded. Without proper protection, passengers may have severe damage during emergency braking or accident.
- Do not fold third row seats when vehicle is running. Sudden speeding or braking may cause injury to the passenger.
- Do not fold the seats when passengers are in this area or luggages are on the seats.
- Properly fix the luggages from sliding or moving. Do not put extra high luggages on the seats.
- When releasing the seats to its original position, make sure it is locked properly, in order to avoid any injury.
- Properly store the headrest

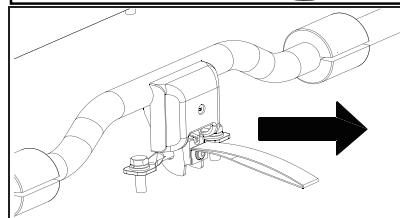
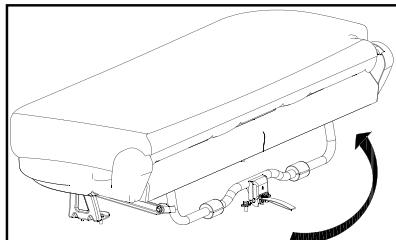
(Optional) in order to avoid injury.

- Headrest should be adjusted within the proper range to avoid neck injury. Always reset the headrest after it is moved from the effective position.

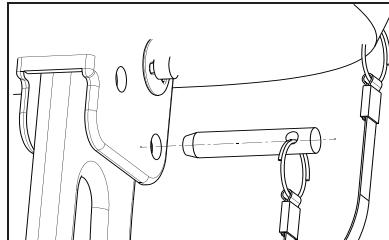


1. Lift the bucket and rotate the

seatback to horizontal position;

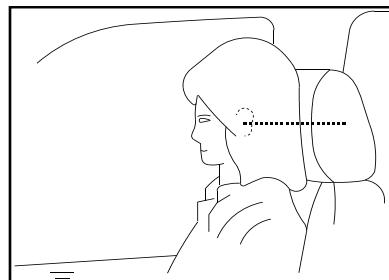


2. Pull the lock button to unlock the seat and pull and rotate the seat;



3. Rotate the seat and apply the lock pin to avoid sliding.

Headrest

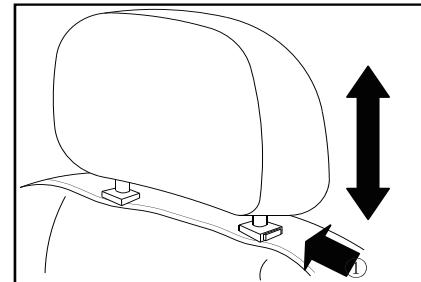


⚠ Warning

When headrest is removed, you shall not drive or sit in the vehicle, since it is very dangerous. Proper use of headrest can reduce injury during accident. Make sure to check the height of the headrest

after it is used by other people.

Refer to the following chart for proper adjustment of the headrest: make sure the center of your ear is aligned with the center of the headrest.



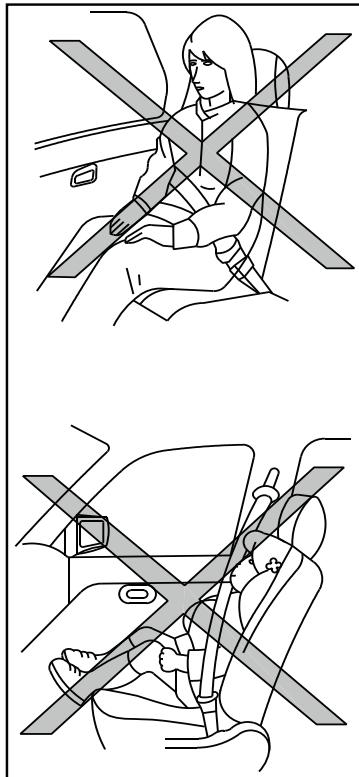
1. Lift the headrest to a proper position;
2. Press the button① and press the headrest to a proper position.

The headrest can only be adjusted within the proper range of the slide track. When folding the seat, headrest must be removed and properly stowed.

Safety Belt

Notes for using safety belt:

If fasten and adjust the safety belt correctly, and keep body up straight to the seat backrest, the possibility to be injured and the severity of the injury will be decreased significantly in accident. DFSK strongly suggest you and the passenger(s) fastening the safety belts while driving. Even for the seat with air bag, if the safety belt is not used, the driver/passenger may be injured more seriously in accident.



⚠️ Warning

- The safety belt is designed according to the human body skeleton structure. During using, the belt should cross over the front lower side of pelvis or cross over the pelvis, chest and shoulder. Please note that the belt shall not cross the abdomen. If the safety belt is not used correctly, serious injury may be caused.
- Wrap the safety belt as low and comfortable as possible to the hips instead of the waist. Wrap the safety belt to the waist too high may cause more serious internal body injury.
- One safety belt is only for one person, tie the children on knee of passenger to the safety belt is very dangerous.
- The passengers' quantity cannot exceed the quantity of the safety belts in driving.
- Do not turn over the safety belt and buckle it. The belt can not be deformed when fastening or the efficiency will be decreased.
- When adjusting, try to tighten the safety belt and at the same time keep comfortable to get protected. Loosen safety belt will decrease the protection to the user significantly.
- All people inside the cabin need fasten the safety belts all the time. Child should be put at the rear seat and get protected. If possible, use the children safety seat.
- Do not put the safety belt at the back side or under the oxter. The shoulder belt of the safety belt must cross the shoulder

and chest, however cannot fall down from the shoulder. The safety belt shall keep away from the face and neck. If the safety belt is not worn correctly, serious injury may be caused.

- The customers should not do any amendments; otherwise it may cause the safety belt not being adjusted or will influence elasticity.
- The safety belt should be prevented from being polluted by wax, oil, and chemical products, especially the battery electrolyte. While washing, you can use neutral soap and water. If the safety belt is worn and torn, polluted or damaged, should be changed.
- Go to the DFSK authorized service shop to check the safety belt assembly including the wrapper and all the accessories after each collision.

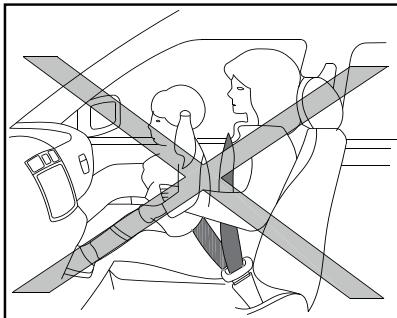
DFSK suggest replacing the safety belt assembly being used in the collision, unless the collision is quit tiny, the safety belt is not damaged and keeps all normal function. If the unused safety belt is found to be damaged or does not keep all the normal function, it should be changed, too.

- The safety belt assembly being used and impacted in a serious collision shall be changed, even there's no obvious damage.
- The pre-tensioning safety belt cannot be used again once it has performed the functions. The safety belt assembly including the wrapper needs to be replaced. Please contact the DFSK authorized service shop.
- Only the DFSK authorized service shop can disassemble and assemble the pre-tensioning safety belt assembly.

Children Safety

Warning

- The special facilities shall be used for infant and child. The safety belts equipped on the vehicle are not suitable for them. The shoulder belt of the safety belt system is too close to their face and neck, and the waist belt is not suitable for the pelvis. The improper safety belt may cause serious or fatal injury in accident.
- Use the proper children safety seat all the time. Children need adults' help for protection. They need proper protection equipments. Proper protection equipments are decided by children body size.



Infant and baby

DFSK suggest placing infant and baby into the children safety seat. You need to select the proper children safety seat which is suitable for your vehicle and your child and place and use it following the product instruction strictly.

Bigger Child

Warning

- Child stand or knees down to any seat is not allowed;
- Child is not allowed to stay at

the cargo area in driving. The child may be injured seriously in accident or urgent braking. The child who is too big to seat in the children safety seat should fasten the safety belt.

A supplementary cushion should be used for the child when the shoulder belt is too closed to the face and neck (can be sourced in market). The supplementary cushion shall block up the child in order to make the shoulder belt position correctly to cross the upper and middle of the shoulder and the waist belt is able to wrap around the hip. The supplementary cushion should be suitable for the vehicle seat. When the child is as high as the shoulder belt keeps enough places from the face and neck, and the safety belt can be used normally, the supplementary cushion will no longer be needed.

Besides, there are many types of children safety seats suitable for bigger children. If they are used,

they can be protected in utmost. **Pregnant**

DFSK suggest the pregnant fastening safety belt. The safety belt should be tightened suitably, and waist belt should be pulled downward to wrap around the hip, not the waist. The shoulder belt should cross the shoulder and chest. Do not wrap the shoulder belt or the waist belt over the abdomen. Please consult your doctor for advice.

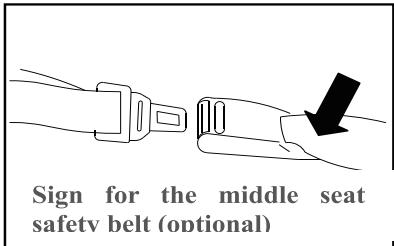
Injured People

DFSK suggest the injured people consulting your doctor for advice on usage of the safety belt.

Warning

The driver and passenger must fasten the safety belt all the time.

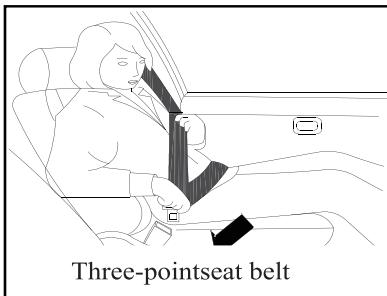
Sign for the middle seat safety belt (optional)



Select the correct safety belt facility

The lock of the middle safety belt is identified by the sign in the middle. Only the middle lock pin can match the middle lock socket.

Three points safety belt



Fasten the safety belt

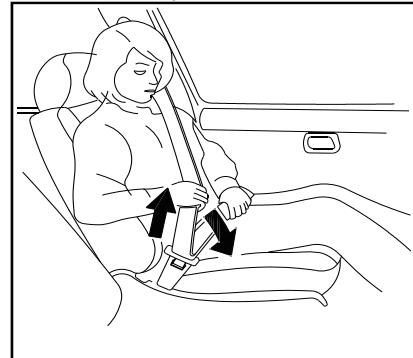
⚠ Warning

The back of the seat cannot be inclined too much for comfort. Because only when the passenger seat cling to the seat back, the safety belt can work most efficiently.

1. Seat Adjustment (details refer to chapter “seat”)
2. Pull the safety belt slowly out from the wrapper, and insert the lock pin into the lock socket till the lock is locked.

The safety belt wrapper is designed

to lock the safety belt in urgent braking or collision. Pulling out the belt slowly can move it, and you can move freely.



3. As shown in the picture, pull the waist belt down to wrap the hip.
4. Pull the shoulder belt to the wrapper direction to remove the extra loose. Make sure the shoulder belt cross the shoulder and chest comfortably.

Release the safety belt

Press the release button on the lock

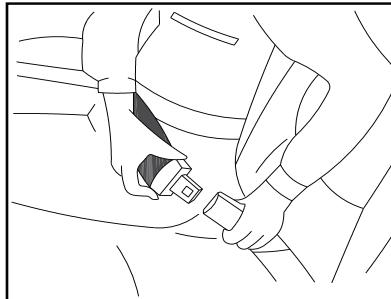
socket and the belt will retract automatically.

Check the safety belt

The wrapper will lock the safety belt and restrain its movement in below cases:

- To pull the belt rapidly from the wrapper;
- Vehicle slows down rapidly;
- In order to use the safety belt properly, please check it flowing below steps:

Hold the shoulder belt and pull rapidly, the wrapper will lock the belt and restrain its movement. If the wrapper cannot lock, please consult the DFSK authorized service shop.



Two points safety belt

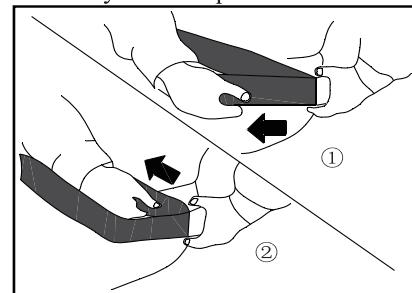


Fasten the safety belt

The safety belts in second and third rows are the same, and are two point safety belts. Each safety belt has one lock pin①. Under correct operation, the lock pin and lock socket should be locked firmly.

⚠ Warning

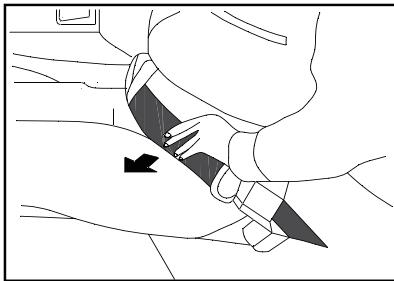
The back of the seat cannot be declined downward and at same time, keep the position comfortable. When the passenger seats up straightly and clings to the back, the safety belt can protect utmost.



1. Insert the lock pin into the lock socket (the middle seat has milled sign), till the lock is locked.

Adjust the length of the safety belt.

When you want to shorten the belt, hold the lock pin and pull the front belt as shown in picture ①; if you want to prolong the belt, hold the lock pin and pull the back belt shown in picture ②.

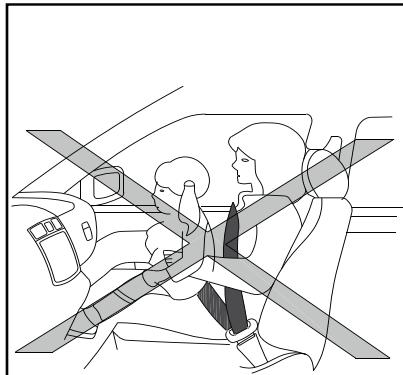


3. Pull the belt downward to wrap the hip as shown.

Loose the safety belt

When you want to lose the safety belt, press the release button on the lock socket. Lock the safety belt when not being used to avoid being stocked by the door.

Children safety seat



Notes for using of children safety belt:



Warning

- The infant and child should seat in proper children safety seat in driving. Improper use of children safety seat may cause serious injury or even death.



Warning

Please note: the children safety seat may be very hot if kept inside a closed vehicle. Please check the surface and buckle temperature before placing the children safety seat.

- DFSK advises putting child or infant into the children safety seat. The proper children safety seat needs to be used. The child and infant cannot be put on your legs, even the strong adult cannot bear the impact in accident, and the child between adult and the vehicle will be crushed. Also, the child/infant cannot share the same safety belt with you.
- DFSK advises placing the child safety seat to the rear

seats. According to the calculation of accidents, the children in the rear seats are safer than the front seats.

- If the children seats are not used or placed properly, more injury may be caused to the children and passengers inside the vehicle, even may cause serious injury and death.
- Place and use the children safety seats as per the manufacturer's instruction. When choosing and buying a children safety seat, please ensure it fits your children and vehicle, because some children safety seat does not match your vehicle.
- The direction of the children safety seat may not always face front or backward. It's decided according to the children safety seat type and

the height of the child. Follow the children safety seats manufacturers' detailed instruction.

- Adjusting the back of the seat is helpful for placing a children safety seats, and strictly follow the safety seats placement and usage instruction. Besides, there're many sizes of children safety seats systems suitable for bigger children, which can maximally protect the children if used.

Common children safety seats systems placement in front and rear seats (applicable for European area)

When either of the children safety seat is chosen and placed, please take care of below items; but try to keep the seat back up straight;

- After placing the children safety seat, try to shake the seats to front/back/left/right

direction to check if it is fixed firmly by the safety belt before the child seating in. The children safety seats cannot be moveable exceeds a scope of 25mm. If it is not fixed firmly, try to tighten the safety belt or change to another seat to place again and check.

- When you don't use the children safety seat, please fix it with fixing equipment or safety belt to avoid being throwed out in emergent braking or accident.
- If the ARS airbag is equipped in the co-driver seat, do not place the children safety seat with child face facing backward. In accident when the airbag explodes, the wallop of the airbag is quite fierce and may impact the children safety seat. The child may be

- injured seriously; even the life will be in danger.
- If the children safety seat lock is available at the safety belt location but is not used, the children safety seat may be dumped and cause injury in normal braking or turning.

Several aspects:

- The selection of children safety seats should follow the latest European safety standard, ECE directive 44.03.
- Put your child inside the children safety seat and check the adjustable room to ensure

- the seat is suitable for your child. At the same time, follow the manufacturer's instruction to place and use it.
- Check the children safety seat to ensure it is compactable with the vehicle safety belt system.
- Refer to below recommended children safety seats list; place the proper seats suitable for your vehicle in the specified place.

Group' according to their weights.
Group 0: Restrain and protect the child below a weight of 10kg;
Group 0+: Restrain and protect the child below a weight of 13kg;
Group I : Restrain and protect the child within a weight of 9kg ~ 18kg;
Group II : Restrain and protect the children within a weight of 15kg ~ 25kg;
Group III: Restrain and protect the children within a weight of 22kg ~ 36kg;
Refer to below sheet for details:

The children Restriction protection system is divided into 5 'Weight

Category Group		Common Type (1)		Semi-Common Type (2)		Special Type		Vehicle with Special Functions	
		CRS	ISOFIX CRS	CRS	ISOFIX CRS	CRS	ISOFIX CRS	CRS	ISOFIX CRS
0	Can Equip with Small Bed	A	NA	A	A	A	NA	A	A
	Face Backward	A	NA	A	A	A	NA	A	A
0+	Face Backward	A	NA	A	A	A	NA	A	A
I	Face Backward	A	NA	A	A	A	NA	A	A
	Face Forward (complete)	A	A	A	A	A	NA	A	A
	Face Forward (incomplete)	A	NA	A	A	A	NA	A	A
II	Face Backward	A	NA	A	NA	A	NA	A	A
	Face Forward (complete)	A	NA	A	NA	A	NA	A	A
	Face Forward (incomplete)	A	NA	A	NA	A	NA	A	A
III	Face Backward	A	NA	A	NA	A	NA	A	A
	Face Forward (complete)	A	NA	A	NA	A	NA	A	A
	Face Forward (incomplete)	A	NA	A	NA	A	NA	A	A

Notes: CRS: Children Restraint System

A: Applicable

NA: Not Applicable

(1) ISOFIX common children restraint system means the face forward-restraint system with ISOFIX fix point system and upper fix point for belt.

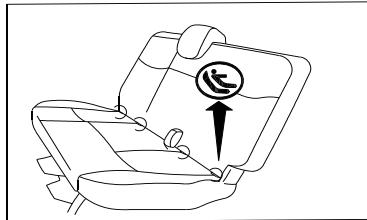
(2) ISOFIX semi-common children restraint system means:

The supporting frame is equipped to the face forward-restraint system.

(3) The supporting frame or upper belt fixing point is equipped to the face backward-restraint system. If needed, it can be placed in the vehicle with ISOFIX fix point system and upper belt fix point.

Face backward restraint system is supported by a car dashboard, and can be used in the co-driver seat in the vehicle with ISOFIX fix point system.

(4) Side restraint system, if needed, the anti-rolling equipments can be placed in the vehicles with ISOFIX fix point system and upper belt fix point.

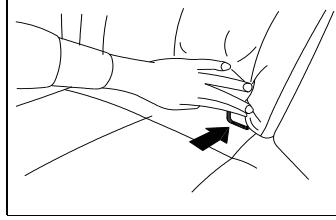


ISOFIX Sign Location

ISOFIX Children Safety Seat Fixing Equipment (Optional)

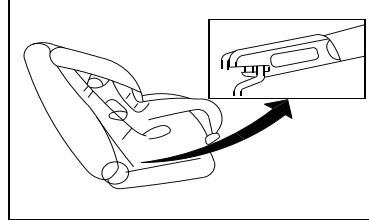
Your vehicle has been equipped with fixing points, especially for placing the children safety seat with ISOFIX children safety seat fixing facility.

Lower fixing point location for ISOFIX children seat safety fixing equipment



ISOFIX Lower Fixing Point Location

The fixing points for the ISOFIX children safety seat fixing equipment which are only used to fix the safety seat on the seat outboard of the third row cannot be used to fix the safety seat. The fixing points fix the children safety seat at the middle seat.



Fixing Accessory

The fixing points for the ISOFIX children safety seat is at the back of the cushion near the backrest. There's a label assisting you to find out the ISOFIX children safety seat fixing points.

Fixing accessories for ISOFIX children safety fixing equipment

In the ISOFIX children safety seat fixing equipment, there are two rigidity connection parts used to connect the fixing points on the seats. By using this system, you don't need to use the safety belt of the vehicle to fix your children safety seat. Check the label of your safety seat to find out if your safety

seat has fixing equipment. The safety seat product instruction also specifies.

Usually, there's a fixing belt on the top of the safety seat or other anti-rolling equipment such as a supporting frame included in the safety fixing equipment. When placing such children safety seat read the instruction carefully and follow it strictly. (Details please refer to 'Placement of ISOFIX children safety seat with fixing equipment')

Placement of children safety seat with ISOFIX fixing equipment.

⚠ Warning

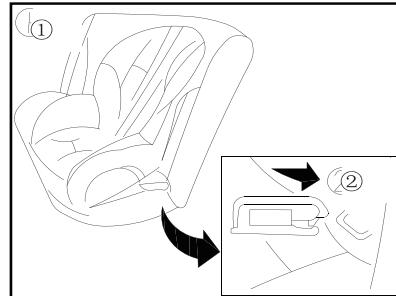
- The children safety seat with ISOFIX fixing equipment can only be placed in the special seat. Please refer to chapter “Fixing equipment of ISOFIX children safety seat”. Improper placement of children safety seat may cause serious injury or even death.
- Do not place the children safety seat requiring a top fixing belt to a seat without the top fixing points.
- Do not place the children safety seat to the send row or the middle of the third row by the lower fixing point of the fixing equipments.
- Check the lower fixing points

by touching with fingers to the lower fixing point area to find out if there's block, such as safety belt textile or cushion. If there are blocks, the children safety seat cannot be placed firmly and reliably.

- The fixing points for the children safety seat are designed for the children safety seat. It is not allowed to fix the adult safety belt, drawstring or other accessories to the vehicle through the fixing points.

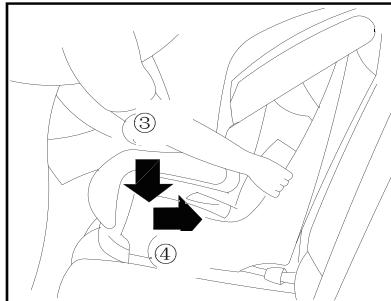
Face foreword

Make sure to use your children safety seat correctly by following the product instruction. Place the face foreword children safety seat with ISOFIX fixing equipment to the outside of the third row by these steps:



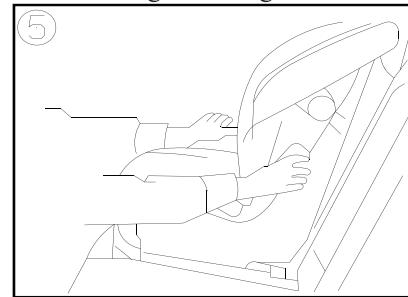
1. Place the children seat to the seat as picture ①;
2. Fix the seat to the lower fixing points with children safety seat connection parts, as shown in picture ②;

3. The back of the children safety seat should cling to the seat back well. If needed, adjust or remove the head rest to ensure a proper position of the children safety seat. (Details please refer to chapter “Head Rest”). Put the head rest in a safe place if it is removed. When the children safety seat is not placed in the seat, make sure the head rest is reassembled. If the head rest is not adjustable and impact the placement of the children safety belt, try other seats, or try other children safety seat.



4. Fix the children safety seat well by shortening the rigidity connection parts. Use your knees to press the middle of the safety seat downward ③ and backward ④ to ensure it clings to the seat cushion and backrest.
5. If the top of the children safety seat obtains a fixing belt, fix the belt to a higher fixing point. (Details please refer to ‘ISOFIX children safety seat fixing equipment and accessories’)

6. If the anti-rolling supporting frame is equipped to the children safety seat, follow the product instruction instead of fixing the fixing belt.

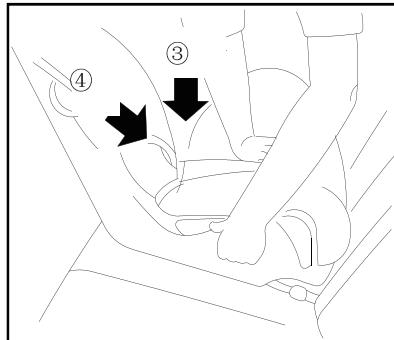


7. Check the children safety seat carefully before putting child inside ⑤. Try to shake the safety seat to left and right side to ensure it is fixed well.
8. Check the safety seat every time before using to find out if it is fixed well. If it is loosening, follow step 3 to 7 to place it again.

Face backward

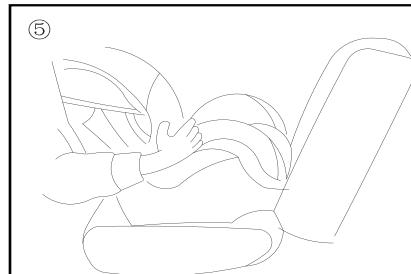
Make sure use your children safety seat correctly by following the product instruction. Fix the face backward children safety seat with ISOFIX fixing equipment to the outer side seat of the rear row following below steps:

1. Put the children safety seat to the seat ①;
2. Fix the ISOFIX lower fixing points of the safety seat with its connection parts ②;



3. Shorten the rigidity connection parts to fix the safety seat

4. If the top of the children safety seat obtains a fixing belt, fix the belt to a higher fixing point. (Details please refer to 'ISOFIX children safety seat fixing equipment and accessories')
5. If the anti-rolling supporting frame is equipped to the children safety seat, follow the product instruction instead of fixing the fixing belt.
6. Check the children safety seat carefully before putting child inside⑤. Try to shake the safety seat to left and right side to ensure it is fixed well.
7. Check the safety seat every time before using to find out if it is fixed well. If it is loosening, follow step 3 to 6 to place it again.



⚠ Waring

If the vice pilot has airbag, any baby or kids is not allowed to sit there to avoid possible harm when the airbag blast in the crash.

Note:

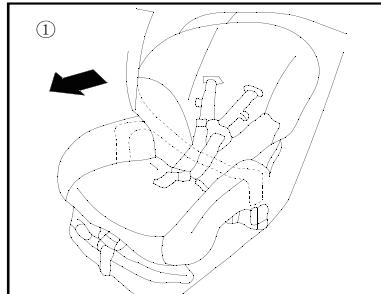
ECE 44.03 article has clearly defined the baby sits including general type, half general type and ISOFIX type.

Baby sets with three-point safety belt

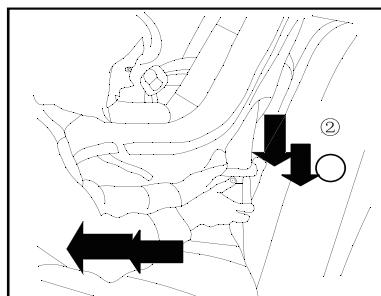
Fixed on the rear seats

Face front:

Make sure the proper use of baby seat by this introduction. With these steps to fix the three point safety belt on the baby seat which facing front:

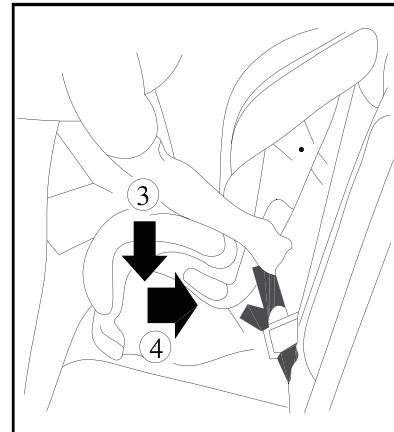


1. Put the baby set on the seat①;

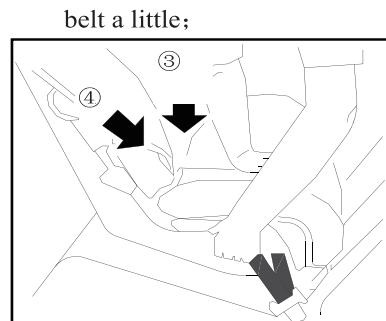
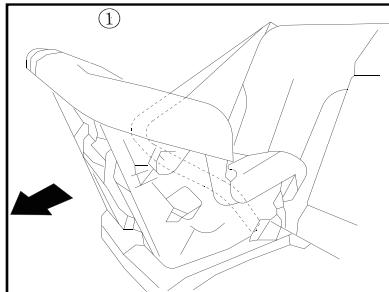
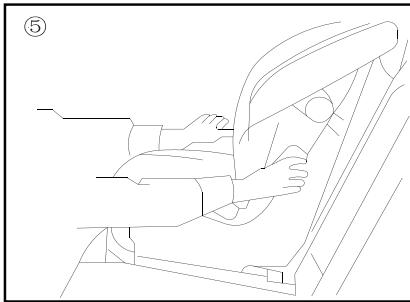


2. Thread the bolt from the baby seat to connect to the lock② Until hear the locking sound;

3. To prevent safety belt loose, it is necessary to fasten the safe belt a little;



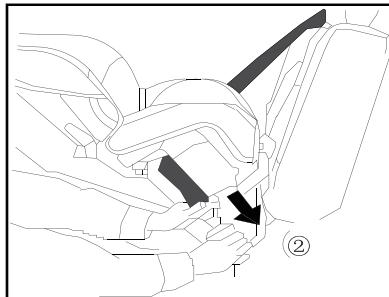
4. Clear the loose length after fix the belt, pull up the belt and use your knee to press the seat downwards③ and backwards④ to make the baby seat to cling to the seats.



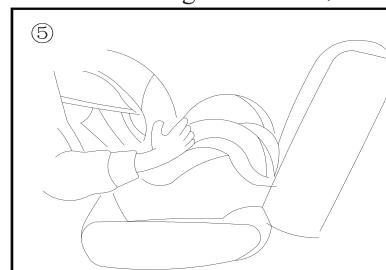
5. Please check the baby safety seat before put your kids in it. ⑤; Try best to shake the seat on all sides to ensure the seat has been fix properly.;
6. Check if the baby seat fixed properly every time before using it, if there is any loose, please re-install following step 3-5.

Face backwards:

Make sure using the baby seat properly by this instruction book. To fix the baby seat on the rear seat with the non-automatic lock safety belt by these steps:



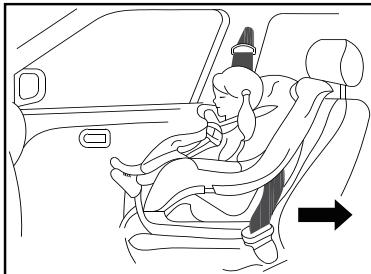
1. Put the baby seat on the seats ①;
2. Thread the bolt from the baby seat to connect to the lock ② Until hear the locking sound;
3. To prevent safety belt loose, it is necessary to fasten the safe



4. Clear the loose length after fix the belt, pull up the belt and use your knee to press the seat downwards ③ and backwards ④ to make the baby seat to cling to the seats;
5. Please check the baby

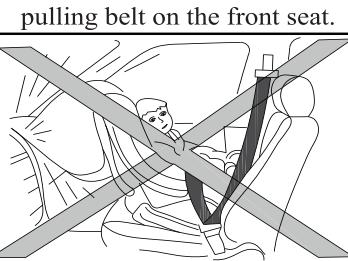
safetyseat before put your kids in it.⑤; Try best to shake the seat on all sides to ensure the seat has been fix properly.

6. Check if the baby seat fixed properly every time before using it, if there is any loose, please re-install following step 3-5.



● If the vice driver seat equipped with Airbag, do not fix the baby seat which face backwards, when the airbag blast, the huge impact can damage the baby seat and harm the baby even kill him.

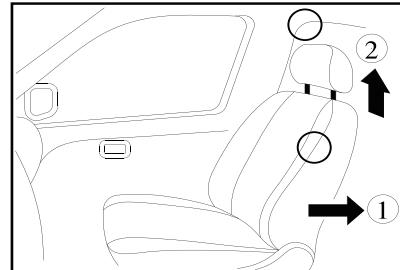
● Do not fix the baby seat with



- DFSK recommend to fix baby seat on the rear seat, but if you have to fix the baby seat on the vice driver seat, please move the seat to the most backwards.
- The infant seat must be the fact backwards type and if the vice driver seat has airbag, it is forbidden to fix the baby seat there.

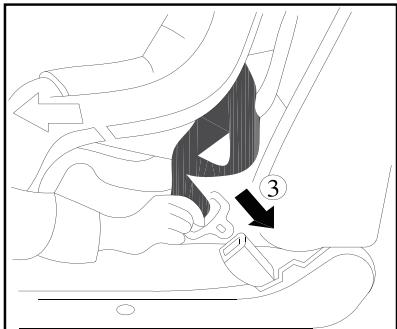
Face frontwards :

Make sure the proper use of baby seat by this introduction. With these steps to fix the three point safety belt on the baby seat which facing front:

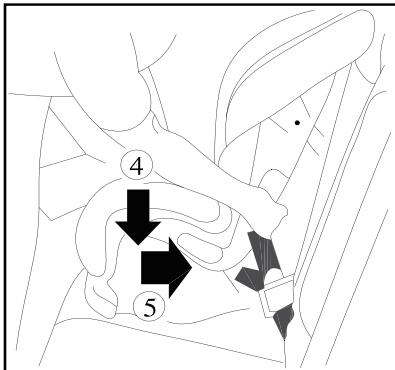


If you vehicles not equip with passenger airbag, To fix a baby seat which face frontwards on the front seat, please follow these steps:

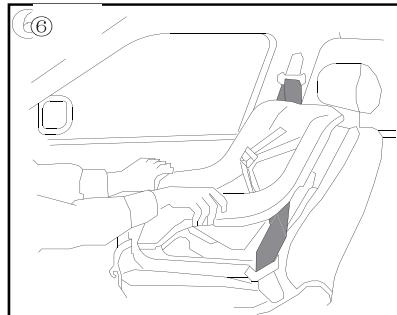
1. Move the seat to the most backward place①;
2. Adjust the head restraint to the highest position②;
3. Install the baby seat on this seat;



4. Thread the bolt from the baby seat to connect to the lock② Until hear the locking sound;
5. Fasten the belt by the locking device on the baby seat to avide the loose of the safety belt;



6. Clear the loose length after fix the belt, pull up the belt and use your knee to press the seat downwards④ and backwards⑤ to make the baby seat to cling to the seats;



7. Please check the baby safety seat before put your kids in it. ⑥; Try best to shake the seat on all sides to ensure the seat has been fix properly.
8. Check if the baby seat fixed properly every time before using it, if there is any loose, please re-install following step 6-8.

Supplemental Restraint System (SRS)

Notice for SRS (SRS)

This chapter (SRS) instructs the

important information about the driver and passenger airbag and the pre-crash safety belt.

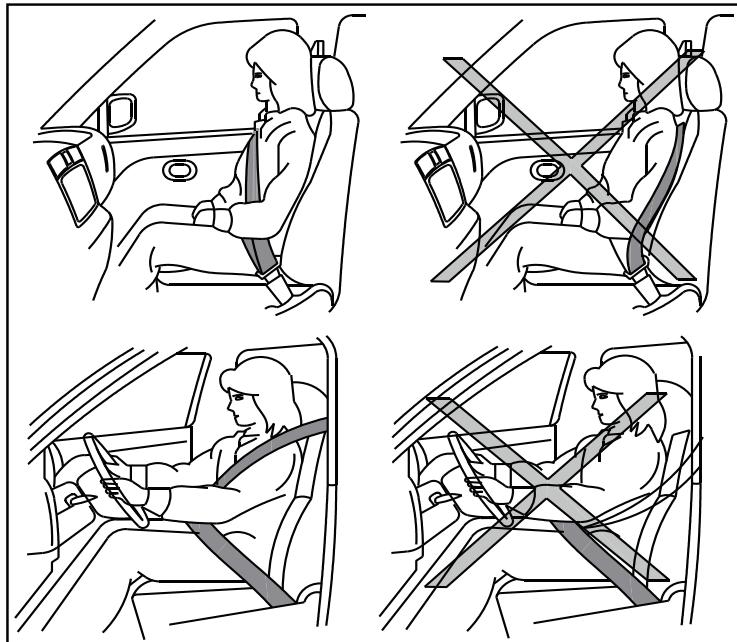
Supplemental Pre-crash airbag system:

When frontal crash, the supplemental front airbag blast to help buffer the impact to the head and breast for the driver and vice driver. SRS designed to provide the supplemental protection to driver and vice driver during the crash, not for replace the safe belt

function. SRS can help to save life and decrease the hurt. But airbag can also bring scratch or other hurt; airbag cannot protect short guys, so it should be fastened properly all the time. Meanwhile, passengers should keep certain space from the steering wheel and dashboard. In order to protect passengers, the airbag can blast in a short time, if the passengers are too close or back to it, the blast can hurt him. The airbag will shrink shortly after

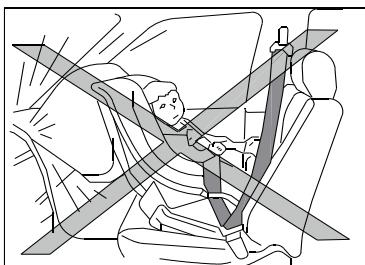
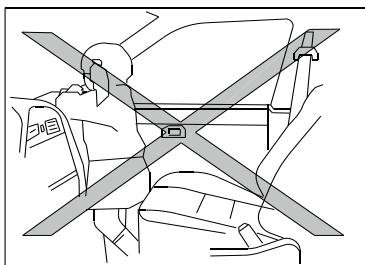
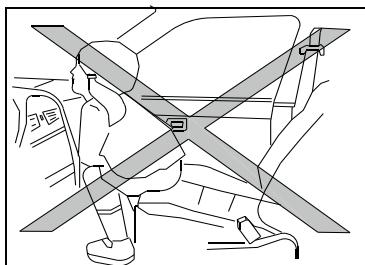
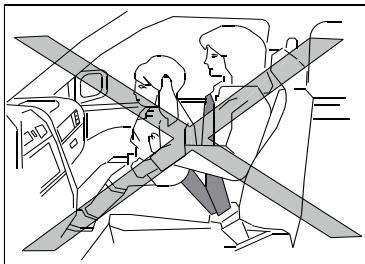
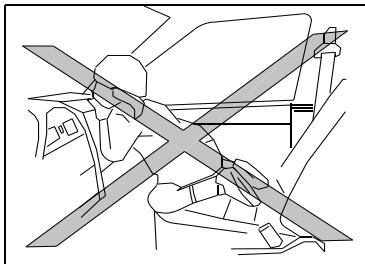
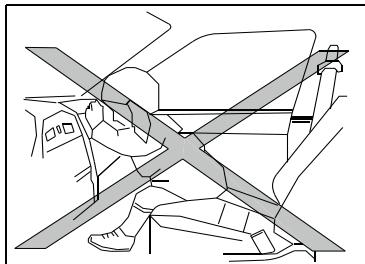
blast.

Only when the key turn to on or start, the SRS shall start, when the key turn to the On or Start position, the SRS light will light up for around 7 seconds, which means the system is working(details refer to the following chapter" SRS air bag alarm lamp").



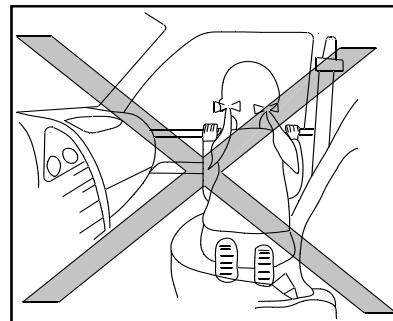
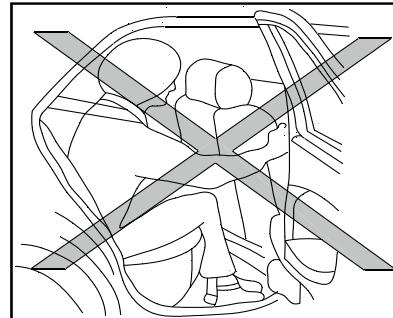
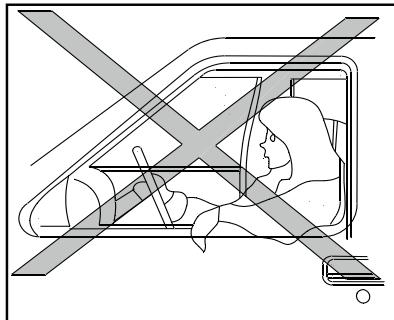
⚠️ Warning

- When the vehicle is impacted on side, rear, rolling or front impact, the SRS airbag normally will not blast. Fasten the belt all the time can lower the hurt level in all cases.
- When you sit and the backrest is upright, the airbag can perform maximum efficiency. The blast during the impact is hug, if you and your passenger sit casually, incline frontwards, sideways or in wrong position, bad injury or death can happen during crash. If you and your passenger hit the blasting airbag frontally, bad injury or death can happen too. Please cling to the backrest and keep certain space with the steering wheel and dashboard with safety belt fastened.



Warning

- Do not let the kids sit casually and let them stretch out their hands and head of the window. Do not put kids on your knees or embraced. Some dangerous sitting position is shown on above pictures.
- If there is no proper protection measures adopted for kids, when air bag, SRS air bag blast, bad injury or death may happen to them, they should be sited in back seat as possible and take necessary protection means.
- Do not install the face backwards kids seat on front seat, the blasting airbag can badly injure or even kill the, (detail refer to previous chapter ‘kids safety seats’).





⚠️ Warning

- Always fasten your belt can decrease the injury level in all accidents. When you are sitting and the back rest is upright, safety belt can perform maxim efficiency. Airbag blasting impact is huge, if you and passenger sit causally, incline frontwards, both sides or away from proper position , badly injury or death can happen in the crash.
- People sit in front sits not allow to stretch their hands out of the window or lean against the door. Left Sid picture shows some dangerous position when sitting.
- Pay special attention to kids and always take proper protections to them.

Pre-crash safety belt

When there is any crash, the pre-crash safety belt and SRS will be activated; the pre-crash safety belts fasten the belt by the retractor and the anchor, to help restraint and protect passengers (details refer to the “Pre-crash safety belt: chapter”).

SRS Airbag

Warning label (optional) located on the sun roof of the driver side.

SRS supplemental air bag

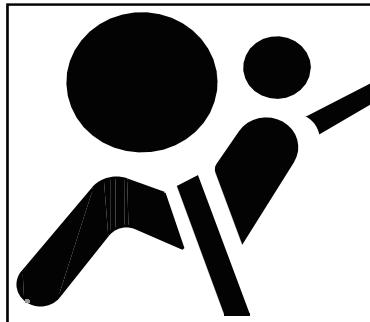
Warning

Do not install the face backward kid seat on the vice driver side. If install the seat there, the airbag blasting can injure kids when crash.

Kids seat can only fix on the rear row on the vehicle equip with front airbag.

‘It is dangerous to fix the face backward baby seat on the seats equip with front airbag’! When you fix the baby seat on your car, please always follow the guide of instruction book.

For other information, please refer to previous chapter ‘Baby safety seat’.



SRS airbag warning indicator

SRS airbag warning indicator shown on the



instrumentas, the supplemental frontal air bag and pre-crash safety belt working condition. SRS airbag indicator is working with fault sensor, front airbag module, pre-crash safe belt, and airbag ECU and related wires. When turn on the switch to ON or Start, the airbag warning signal light up, around 7 seconds later the light will be off which means the system is working properly.

If any of the following case happens, airbag or pre-crash safe belt need maintenance:

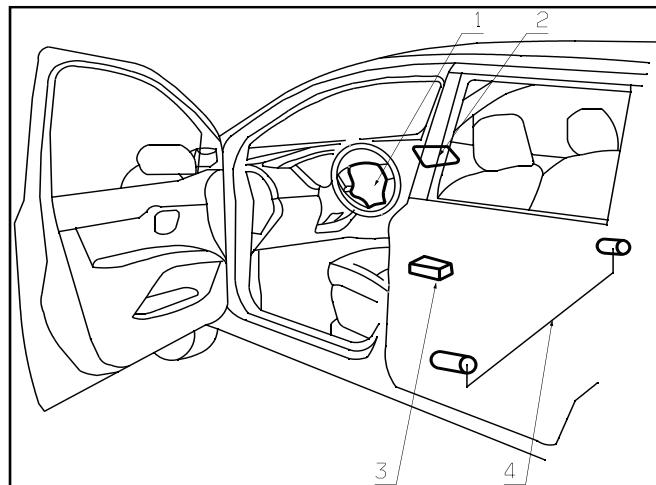
- SRS indicator keep lighting after 7 seconds;
- SRS indicator interval lighting;
- SRS no light up.

In such cases, supplemental airbag,pre-crash safe belt not working, please contact with the authorized DFSK maintaining workshop for checking and repair.

1. Supplemental front airbag module(driver side)(optional)
2. Supplemental front airbag module(passenger side)(optional)
3. Airbag module ECU (optional)
4. Retractor

Supplemental airbag system

⚠ Warning



- ⚠ Do not cover the steering wheel cap, dashboard and front seat, also not put anything between them. When airbag blast, these things can become dangerous projectile and bring injury.
- After airbag blast, some parts of it can be very hot; do not touch them to avoid burn.
- Do not modify or repair airbag system without authorization to avoid any unexpected blast and damage. Do not modify the electric system, suspension, side panel without authorization to avoid any affect on the airbag system.
- Modify airbag at will modify the steering wheel cap. Or put anything on the dashboard or decorate on it can bring badly injury.
- Operate on the airbag system or the surrounding area should be fulfilled in the authorized DFSK service station. SRS circuit system cannot be change or disconnected. Unapproved testing equipments not allowed testing the airbag system.
- The wire connector for SRS air bag is yellow or orange color which is highly recognizable.

When the auxiliary explodes, it will cause a giant sound and then some smoke. This is harmless and will not cause fire. Nevertheless, do not inhale the smoke, as it will suffocate you. You should immediately breathe in fresh air if being influenced by this smoke.

Supplemental front collision safety air bag system

The driver's air bag is installed in the center of the steering wheel; the copilot's air bag is in the dashboard above tool box.

In terms of designing, SRS air bag will explode when vehicle encounters frontal severe collision. But when SRS air bag receives similar collision as frontal collision, it will also explode. In some cases of frontal collision, the air bag may not explode. No conclusion could be drawn based on the damage condition of the vehicle.



Front passengers air bag indicator (Optional):

When ignition switch is turned to ON position, this indicator will be turned on and automatically out after 7 seconds. This shows that the passenger air bag system is in working condition.

⚠ Warning

When ignition switch is turned to ON position, if any of the following conditions happen, you should receive

inspection and necessary repair in DFSK authorized service centers:

- The front passenger air bag indicator keeps on after 7 seconds;
- This indicator is not ON totally. In this case, the indicator must be repair for working.

Pre-tighten seat belts system (Optional)

Warning

- This type of seat belts is for one-time use only. It must be replaced as a whole assembly after use.
- If this device is not working during vehicle frontal collision, you can turn to DFSK authorized service center for check; if necessary, it must be replaced.
- Without authorization, anyone is forbidden to change any component or circuit of this device, in case that this belt is applied or damaged.
- Any operation on the system of the seat belt or around it must be conducted by DFSK authorized service centers. SRS system's circuit must not be changed or closed. Using unauthorized device or equipment to check is forbidden.
- If you wish to abandon this SRS system or the whole vehicle, please contact DFSK authorized service center. The proper method of disposing this device is listed in the service manual of DFSK. Using the wrong way may cause damage to your body.

This device is stowed in the container. It is of the same use of the traditional seat belt. When the seat belt is working, it will cause a giant sound and then some smoke. This is harmless and will not cause fire. Nevertheless, do not inhale the smoke, as it will suffocate you. You should immediately breathe in fresh air if being influenced by this smoke.

Repair and replacement

Warning

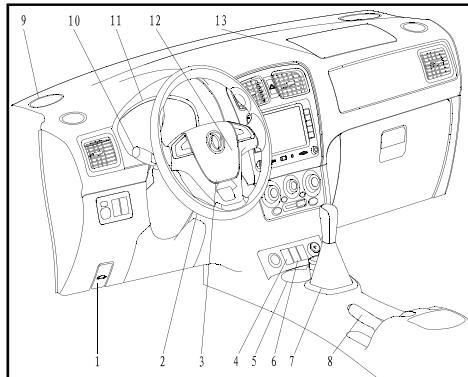
- Once the air bag is exploded, this module will not work again and cannot be repaired and needs to be replaced only in DFSK authorized service centers.
- If the front of the vehicle had any type of collision, it must be check for all the air bag system in DFSK authorized service center.
- When you sell your vehicle, we request it that you inform the function of the SRS air bag to the buyer and tell the buyer about this manual.
- When you need to abandon SRS air bag, seat belt or the whole vehicle, please contact DFSK authorized service center. The proper method of disposing this device is listed in the service manual of DFSK. Using the wrong way may cause damage to your body.

Air bag and seat belt are for one-time use only. When air bag explodes, the indicator will be turned on for warning. Any repair or replacement should be conducted by DFSK authorized service center.

When your vehicle needs maintenance, please mention air bag system, seat belt and relevant component to the personnel. When you check and repair in the engine hood area, make sure that ignition switch is turned to LOCK position.

II、 Dashboard and control switch

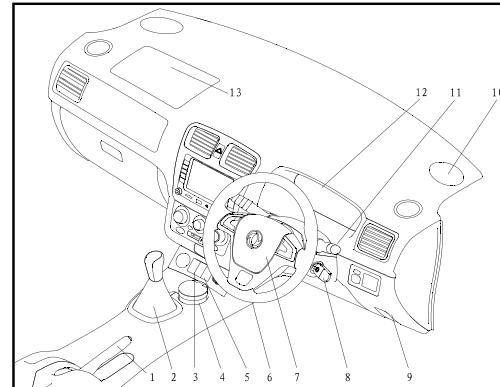
Cabin



LHD model

1. Hand handle,front panel
2. Steering wheel
3. Electric horn button
4. TRIP switch
5. Ashtray
6. Front fog light switch *
7. Manual, leverassay, gear shift
8. Parking brake
9. High level sparker *
10. Combination switch
11. Combination instrument
12. Ignition switch
13. Deputy airbag

*optional equipment

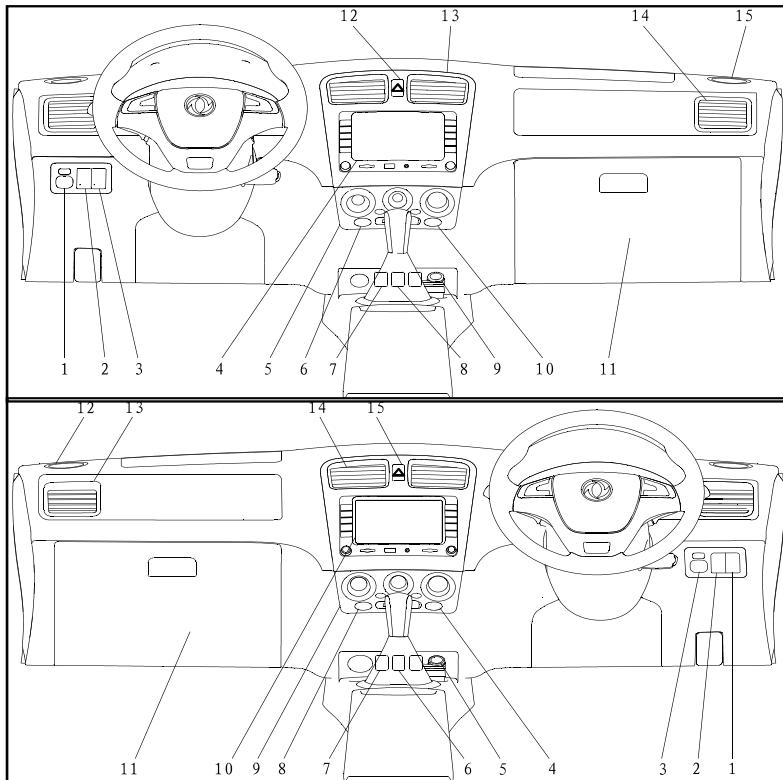


RHD model

1. Parking brake
2. Manualtransmissionlever
3. TRIP switch
4. Ashtray
5. Front fog light switch*
6. Steering wheel
7. Electric horn button
8. Ignition switch
9. Handhandle,front panel
10. High level sparker
11. Combination switch
12. Combination instrument
13. Deputy Airbag

* Optional equipment

Dashboard



LHD model

1. Outer rear view mirror auto switch
2. Head light adjustment switch
3. Button plug cover
4. Sound system
5. Heating control system
6. A/C switch
7. TRIP switch
8. Front fog light switch
9. Cigarette lighter
10. Rear defrost switch
11. Tool box
12. Warning alarm switch
13. Central outlet
14. Side outlet
15. Side defogger outlet

*Optional equipment

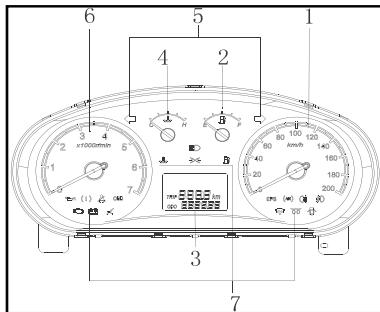
RHD model

1. Button plug cover
2. Head light adjustment switch
3. Outer rear view mirror auto switch
4. Rear defrost switch

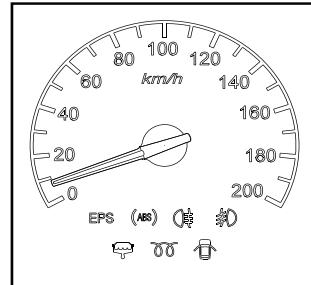
- 5. Cigarette lighter
- 6. Front frost light switch
- 7. TRIP switch
- 8. A/C switch
- 9. Heating control system
- 10. Audio system
- 11. Tool box
- 12. Side defrost switch
- 13. Side outlet
- 14. Central outlet
- 15. Warning alarm switch

*optional equipment

Combination Meter

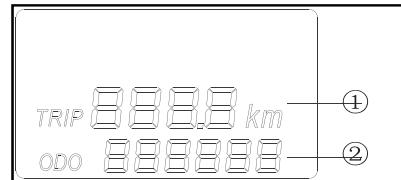


- ① Speedometer
- ② Fuel gauge
- ③ Mileage meter
- ④ Water temp gauge
- ⑤ R & L steering signal light
- ⑥ Rotation meter
- ⑦ Functional light



Speedometer

It shows the speed of vehicle (km/h)

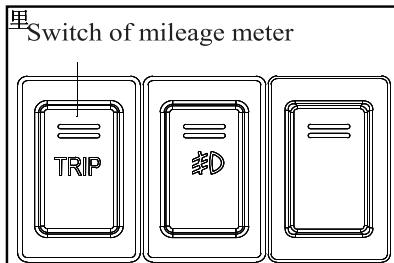


Mileage meter

Total mileage/Single mileage

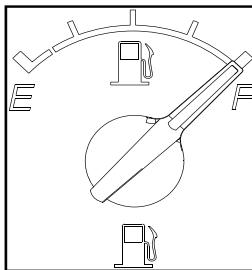
Single mileage ① shows single driving distance

Total mileage ② shows the total mileage of vehicle



Reset Switch

Press the switch shortly (less than 3S) the single mileage meter shows zero



Fuel gauge

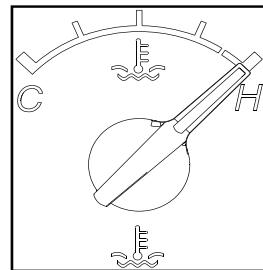
It shows that fuel is full when the pointer is at 'F', while it shows empty fuel while at 'E'

The fuel may change inside the tank at braking, steering, speeding, up or down the slope, thus the gauge may vary slightly.

There will be a alert signal when there is not enough fuel, you should re-fuel if convenient and it is better before the pointer reach 'E'



Re-fuel the tank before pointer reach 'E'



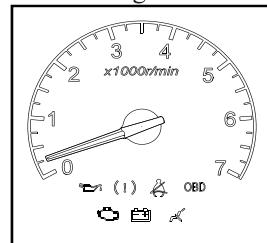
Water temp gauge

It shows the temperature of the coolant, which should stay in normal range during driving.



Warning

It means that coolant is too hot when the pointer goes to "H" or beyond the scope, you should stop for checking.



Rotation meter

It shows the rotation of engine by RPM, don't drive it to red area.

Alert light/indication light and sound indication

	(ABS) fault*		(EPS) fault*		Over high temperature
	Rear foglamp		Pre-heating for diesel* (diesel engine)		EBD *
	Fr. foglamp*		Alert for not closed door		Low beam position
	Oil&water mixture alert*		OBD fault*		Fuel indication
	Oil pressure		Parking brake		High beam indication
	Seatbelt		Engine fault		Steering&Alarm signal
	Battery		Airbag alarming*	*: if available	

Check the bulb

Close all doors and park brake and with belt fastened, turn the key to “ON” but not start the engine, the below light will be on:



If available, the below light will be on and off shortly.



If any one light is not on, it shows there is bulb damage or circuit faults. Please contact DFSK service station for examination and repair.



only applicable for diesel engine.
Alert light



When key reaches “ON”, the ABS/EBD light will be on for about 2.5S and then off, which means that they are working well.

If the ABS light is on during driving or rotation, it means that ABS works abnormally.

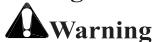
When ABS system has failure (ABS light is on and EBD light is off), the anti-lock function doesn't work, the brake system will work on EBD mode (same as those with LPS but not ABS), please contact DFSK service point.



When ABS+EBD lights are on when the engine is rotating or driving, it means both system works abnormally, the vehicle is in dangerous condition, please brake steadily to stop the vehicle and contact DFSK service point.



Parking brake/break fluid position light



- Don't go on driving your

car when the fluid is below the minimum marking unless there is a confirmation from the DFSK service point.

- Despite you may think the car is safe, please use a traction vehicle to pull your car since it is dangerous to drive again.
- It may prolong the brake distance when you brake with the engine off or the fluid volume below the minimum marking, which may require stronger pedaling.

Parking brake light :

When the key is at “ON”, the light will be on if the parking brake is loaded. If releasing the brake, the light will be off.

If it is not released enough, brake light will be still on. Before you drive, please make sure this light is off.

Warning light for over-low

brake fluid:

When the engine is working or the car is running without the parking brake, if the alert light is on, it means the fluid level goes down over-low.

When you are driving and the alert light is on suddenly, please stop the car immediately and safely. Stop the engine and check the fluid level. If it goes below the minimum point, please add up new fluid.



Battery light

When the key is at “ON”, the battery light is on and after you start the engine, it turns off. It means that this light is working well.

When the engine is rotating and the car is running, if such light is on, it means there is a failure in the battery charging system, you need to repair it.

When you are driving and the light is on suddenly, please stop safely your car and turn off the

engine and check the belt of the generator, if the belt is loose, broken or falling off, you need to repair the charging system.

If the belt looks normal but still the light is on, you need to contact DFSK service.

Warning



Oil pressure light

- When the oil pressure light is on if you keep running the engine, you may damage your engine.
- This light is unable to gauge the oil level, please use a standard ruler to check the level.



High water temperature light

When the key is at 'ON', the light is on and then off, it means it works well.

Warning

When the engine is rotating, if the light is flashing, it means the water temperature is over high.

Please stop safely your car. You may damage your engine if you keep driving with water over high temperature.



Fuel level light

When the key is at 'ON', and the fuel light is on and then off, it means that the light is working well. If the level is low, the light will flash, please add up the fuel if convenient and it is better before the pointer reach at 'E'



Engine fault light

When the key is at 'ON' and the light is on and then off, it means then engine works well.

If the light is on or flashing during the engine rotation, it means the engine system has failure, you need to repair it. Please contact DFSK service for further examination.

Warning :

In order to avoid damage your engine when the light is on or flashing, please:

- ① Don't drive over 70km/H(43MPH)
- ② Don't speed up or slow down suddenly
- ③ Don't drive up to a slope
- ④ Don't load or tract unnecessary loading.

Warning

It will lower the driving character and fuel efficiency or even damage the engine system which will influence the warranty coverage to drive the car without repairing the engine properly.



Belt light

When the key is at 'ON', the light will be on before you fasten your belt. The light will be flashing and make sound alarm for 60s once the car is running over 10km/h unless you fix the belt.



Airbag alarm light*

When the key is at 'ON' or 'START', the light is on for 7s

and then off, it means the system works well.

Any one condition below indicates that the SRS system and the pre-tentional belt need to be checked and repaired, please contact DFSK service.

- SRS light keeps on after 7 seconds.
- SRS light keeps flashing periodically.
- SRS light is never on.

The SRS and pre-tentional belt may not performs well unless you have it checked and repaired.

Indication light



Fr. Foglamp indicator

The light will be on when you turn on the front foglamp.



Pre-heating indicator for diesel engine

When the key is at 'ON', if the

water temp. Of engine is too low, you may need to pre-heat it, the indicator will be on, when it is off, you can start your engine.

If the water temp. Is high which doesn't need a pre-heating, the light will be never on.



High beam light

When you use high beam light, this indication light is on and off when you use low beam light.



Rear foglamp

This light is on when you turn on the rear foglamp.



Steering signal/ danger indicatcon light

When you turn on the steering signal light or danger indication light, this signal light will be on.

Sound indication

Side lamp on alert:

When the key is at 'OFF', the side lamp is not off, when you open the car, the indicator will

give sound alert to indicate you to turn off the side lamp. The sound will disappear after 60s or when you turn off the side lamp.

Alert when belt is not fastened:

When the key is at 'IGN' (regardless of the engine on or off) and the car speed is less than 10km/h, if the belt is not fastened, the indication lamp will be on but the buzzer will not alert.

When car runs over 10km/h and the belt is not fastened, the indication lamp will flash (on for 0.5s, off for 0.5s), also the buzzer will alert (internally with frequency 1Hz) for 60s and then stops.

When the light is flashing or the buzzer alerts, if you fasten the belt, they will stop immediately. If you release the belt during driving, it will starts again and in cycle. (in any case if the belt is fastened, the buzzer will not alert

and the indicator should be off)



OBD fault light*

When the key is at “ON”, this light will be on and off after the engine runs, which means the system is working well. When the engine is rotating, if the light is on or flashing, it means the engine control system may not work normally. You need to repair it, please contact DFSK service station.



Fuel-water divided alert light

When the key is at “ON”, this light will be on and off after 2-3s. If it doesn't turn off during drive or the key is at “ON”, it means the water level in the Fuel-water divider is too high, you need to check it and let out the water inside.(this is only applicable to the diesel engine)



EPS fault indicator

When the key is at “ON” and the EPS light is on and off after you start the engine, it means that the EPS works well.

If the light is on during the rotation of engine, it means that the EPS system may not work well. You need to repair it at DFSK service point.

If the light keeps going on during engine rotation, it means that EPS will fail to perform but you can still control your car, which however will require more power on steering, especially at sudden steering and low speed running.



Side lamp position indication light

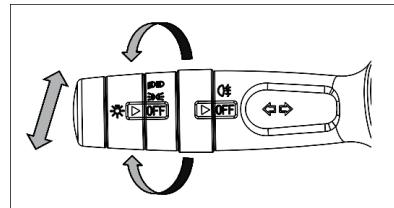
The side lamp will be on when you turn on it regardless of the position of the key.



Alert light for unclosed door

The light will be on if the door is not closed or closed well, which alert the driver to close the door.

Switch of the front lamp and steering lamp



Switch for front lamp

This bar is located on the left side of the steering column with using guide as below:

Switch of lamps: 3 points to reach:

“OFF” means turn off all lamps;



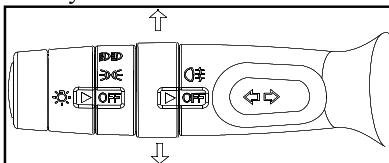
“” means turning on front side lamp, rear lamp, plate lamp and instrument lamp;



“” means turning on the front lamp.

High and low beam lamp switch: when the key is at ‘ON’ and the illumination lamp is on, press down the bar to use high beam and return for low beam, the front lamp will flash when you lift the car(for overtaking)

Attention : The front lamp is allowed to be turned on unless the key is at ‘ON’

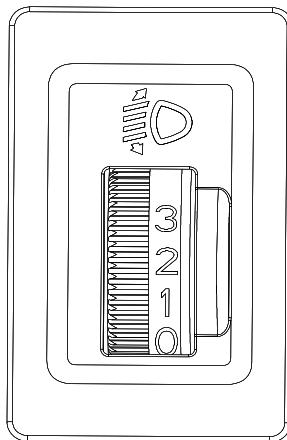


Steering signal light switch

When the key is at ‘ON’, move front or back the bar to give steering signal.

Move front means steering right and back means left. After

steering please return the bar to the middle by hand.



Front lamp adjustment

When the key is at ‘ON’, front lamp is on and you can adjust the light optic axis according to the driving condition.

When you go through the test line without any load or you

drive on a flat road, choose position ‘0’

The light optic axis height may be above normal level if the car holds more people or goods.

If you drive on a slope, front lamp may illuminate directly to inner or out mirrors of the front vehicle or the windshield of the vehicle on facing your car, which will affect the sight of them.

If you want to adjust the optic axis to proper position, please turn the switch accordingly, the bigger figure you choose the lower optic axis you will get. You can choose the figure as below practice.

Without rear seats (VAN):

SWITCH	Front	Rear	Cargo
--------	-------	------	-------

position	row person	row person	load
0	Only driver	0	without
2			About 634kg
	When towing a trailer		

With middle seats (Wagon) :

Switch position	Cab person	Middle row person	Cargo load
0	Only driver	0	without
1	2	3	
2		About 259kg (571lb)	
3	Only driver	0	About 475kg (1,047lb)
	When towing a trailer		

With rear seats (Wagon) :

Switch position	Cab person	Middle row person	Cargo load	Switch position
0	Only driver	0	0	without
1	2		2	

		3		
2				About 66kg (146lb)
3	Only driver	0	0	about 392kg
		When towing a trailer		

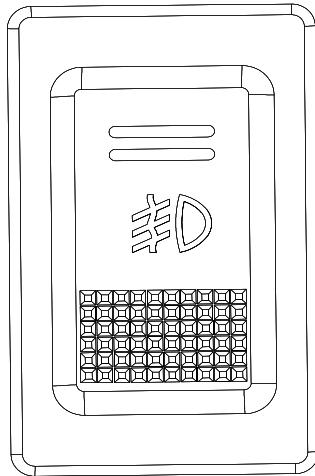


Attention

Don't turn on the lamp when the engine doesn't work for long time, otherwise it may use out the power of battery

Foglamp switch

Front foglamp (optional)



Turn the front lamp switch to



to turn on the front foglamp, then press down the switch.

Press on the switch again to turn it off.

Rear foglamp

Rear fog is used when visibility is very low [typically, less than 100m (328ft)].

When opening the rear foglamp, turns the combination panel switch to



, letting rear fog lamp is turned on to



, Making sure the



indicator of the panel is lighted when turn on the rear fog lamp.Turns the foglamp switch to be “OFF” when turning off the rear foglamp, and



making sure **is went out.**

Wiper & Syringe Switch

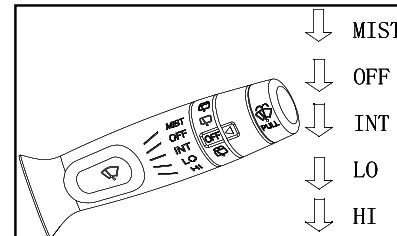
Warning

In the freezing temperature, washing liquid may freeze on the windscreen which will affect your sight.

Heatwindshield with defroster before cleans it.

Warning

- continuous working time of the Washing liquid is not more than 30 seconds
- If there is no washing liquid storage in washer, do not use the washer.



Windshield wiper and washer

When the ignition switch is in

the 'ON', windscreen wiper and washer work.

Wiper Operation

Shifter lever 'INT' will make wiper intermittent work.

Shifter lever 'LO' will make wiper work at low speed.

Shifter lever file 'HI' will make wiper work at a high speed. Move the shifter lever up to "OFF" to stop wiper.

Shifter lever "MIST" will make wiper back again. Then pole will automatically return to the original position.

If snow or ice interrupted windshield wiper operation, the wiper will stop actions to protect the motor. If such case happens, turns wiper switch to be 'OFF' position, and remove the snow or ice in or around the wiper arm. Then turn on the switch again, wiper works.

Washer Operation

To operate the washer, pull the

lever toward the rear of the vehicle until the windshield washing fluid volume ejected as needed. Then the wiper will automatically work several times.

Rear window wiper and washer switch (optional)

When the ignition switch is in the 'ON', the combination switch wiper lever is turned to



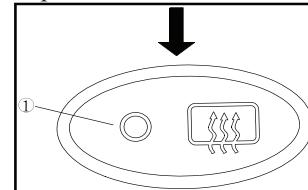
position, the wiper motor starts to work; When combination switch wiper lever



is turned to ' ' position, wiper motors and washing motors work simultaneously.

If snow or ice interrupted windshield wiper operation, the wiper will stop actions to protect the motor. If such case happens, turns wiper switch to be 'OFF' position, and remove the snow or ice in or around the wiper arm. Then turn on the switch again,

wiper works.



Defrost switch (optional)

When the ignition switch is in the 'ON', we can operate the defrost switch.

Defroster is used to reduce rear window surface moisture, fog and frost, to improve rear visibility.

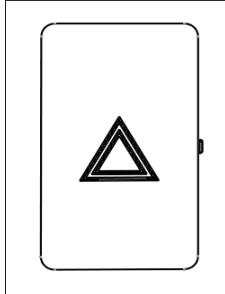
Press Defroster switch, Indicator ① will light. And the rear window defroster works around 15 minutes. After 15 minutes, turn off the defroster.



Warning

When continued defogging, make sure the engine is started, or it will easily exhausted battery power.

- When cleaning the inside of the window, be careful not to scrape or damage the wire window surface.

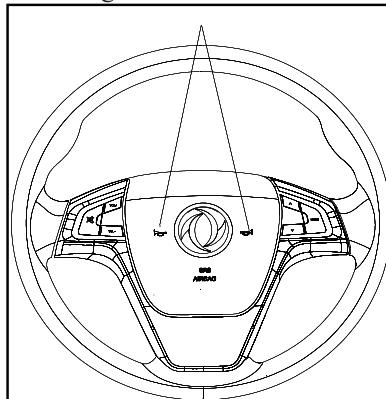


Warning flash switch

Unless the battery is without electricity, otherwise no matter where the ignition switch is in, the warning flash switch should be able to work.

When you had to stop in an emergency and the warning flash indicator can warn other drivers. When you press the warning flash switch, the turning signal lights are all flashing. If you want to turn

off the warning flash light, press the warning flash switch again.



Electrical speaker button

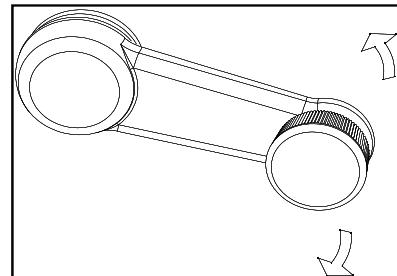
Unless the battery is without electricity, otherwise no matter where the ignition switch is in, the speaker should be able to work.

When you press the button on the steering wheel, it will sound. Release the switch to stop the speaker sounded.

Windows

Manual windows

Shake crank on each door can open or close the corresponding window.

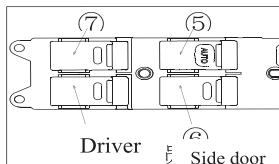


Electrical windows (optional)

⚠ Warning

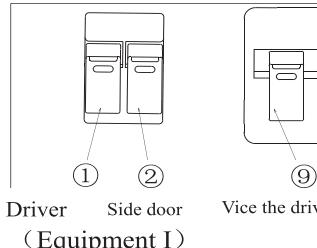
- Because the vehicle is not equipped with anti-pinch window, make sure no other objects inside the window frame before operating electric windows.
- Do not allow children or adults to be looked after left alone in the car. They may

- accidentally touch switches and controlling equipments, which led to accidents.
- When we use the electric window controlling switch, it may possibly make people injured, especially children's hands, heads, etc. There fore, only close the window after confirming there's no any other object in the window frame.
- Before getting off, be sure to pull out the ignition key to prevent children from playing electric switch and cause injury.
- Release the switch when power window is in proper opening and closing, otherwise it may cause damage to the power



- window system.
- When the ignition switch is in "ON", power window can be able to work.

Open window by press down the switch button. Close window by pull upward the switch.



Window switch in the driver's side is the main switch controlling all the windows in the car.

The window switch in the front passenger side can control the corresponding window.

(Equipment II)

Switch ③: Central control lock switch; When the door is closed, press forward, four-door lock is

open ; Press backward, four-door lock is closed..

Switch ④: When pressing Glass lift lock switch, the remaining three lock switch on glass lift will not work; then re-press the button, reset the button, the glass doors on three lift switch can control the rest of the three glass lift;

Switch ⑤ : Window regulator control switches on the Driver's side;

Switch ⑥ : Window regulator control switches on the passenger's side;

Switch ⑦ : Glass lift control switch in the left rear door

Switch ⑧ : Glass lift control switch in the right rear door

Automatically goes down function (optional feature)

The switch marked with "AUTO" has function of going down automatically. Without holding down the switch, the window can be fully open.

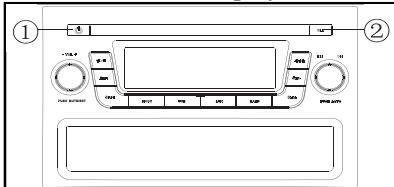
To stop the window goes down automatically, the switch can be pulled in the opposite direction. If the power windows does not work properly, please contact an authorized service shop of DFSK, check the power window system.

Clock

Stereo Display

When ignition switch is on the position of 'ACC' or 'ON', we choose the clock open mode, digital clock(in the sound unit) will show the time.

If the battery cable is disconnected, the clock will re-set the time and display mode.



Adjusting time

Stereo display type A (optional)
You can select the clock display on or off mode.

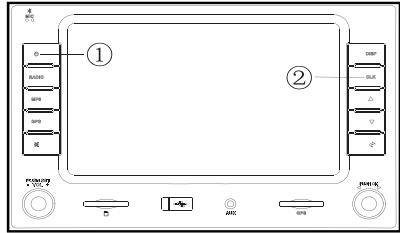
When the clock is not displayed :

When ignition switch is on the position of 'ACC' or 'ON', the clock is not displayed, you have to follow up the steps to select clock following the displayed mode.

1. Press the power switch control button ①, open the audio unit
2. Short press ② the 'CLK' button under any state to enter the time displaying
3. Press the 'CLK' button under any state for 3-5 seconds to enter time setting mode.
4. Time can be set by volume knob, press any key or wait for 5 seconds to exit the time setting mode.

when clock is displayed:

1. Press the power switch control button ①, open the audio unit.
2. Adjusting time according to the above item 3 and 4.



3. Stereo display type B (optional)
4. You can select the clock display on or off mode.

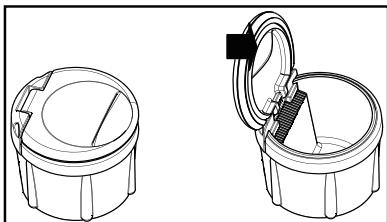
When the clock is not displayed :

When ignition switch is on the position of 'ACC' or 'ON', the clock is not displayed, you have to follow up the steps to select clock display on mode.

1. Press the power switch control button ①, open the audio unit
2. Short press ② the 'CLK' button under any state to enter the time displaying
3. Press the 'CLK' button under any state for 3-5 seconds to enter time setting mode.

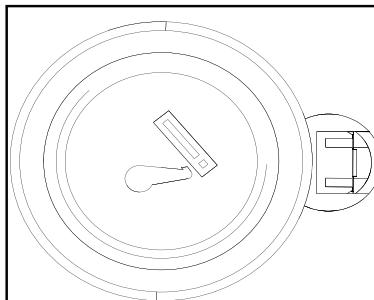
4. Time can be set by volume knob, press any key or wait for 5 seconds to exit the time setting mode.

Ashtray



The ashtray is detached for using:
Open the lid of the ashtray.
When clean ashtray cover, close the lid, directly take out the ashtray

Cigarettelighter



Press the lighting button, cigarette lighter resistance wire will become red hot. When it removes automatically after 18 seconds to the original position, it can be taken out for lighting. The lighter has indicator, indicator will light when open the switch.

In addition, pull out the cigarette lighter; it can be used as vehicle DC 12 v power supply.

When Cigarette lighter is after use, please return it to its original place, avoiding heat scorch the remaining items inside the car or

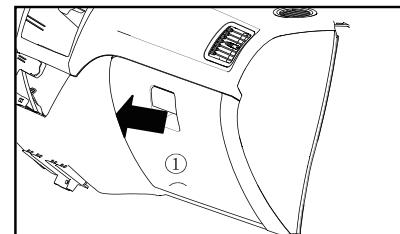
cause a fire.

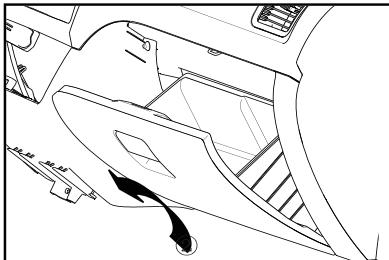
Storage Device



- Don't use storage device during driving.
- Close cover of storage device to avoid injury due to emergency braking.

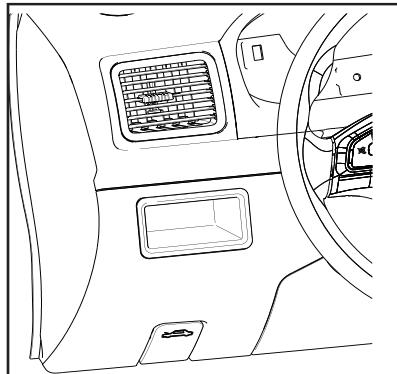
Tool box



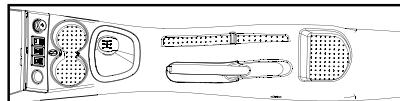


To open the toolbox, pull out the toolbox handle ①. Open the toolbox, as ②, hardly press to close it.

Small storage box

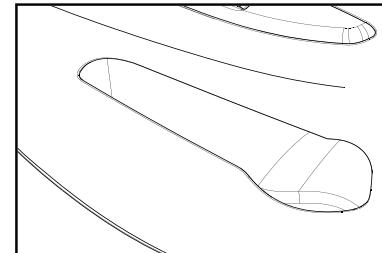


Some small items can be put in the small storage box on the left side of the instrument.



The middle cover cup and storage box

Some small items can be Put into the two cover cups or three opened storage boxes in the controller box.



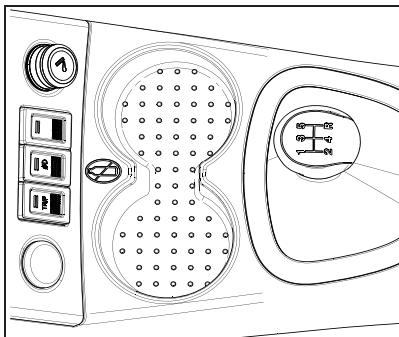
Bottle holder and Map (optional)

Bottle holders are located inside guard board of the four doors.



Warning

Don't put the bottle without lid in the bottle holder, because when open or close the door, or drive, drink might spill.



Front

Bottle holder

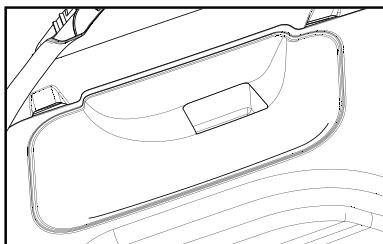
Middle cover holder

⚠ Warning

Prohibit drivers putting out the bottle of the bottle holder when driving.

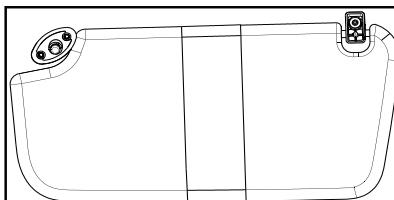
⚠ Warning

When using the cup holder, avoid sudden starting and braking. Otherwise it will cause liquid spills, if the liquid is hot and may cause burns to you or passengers.



The third-row seat storage box (Optional)

The third-row seat storage compartment is located in the lower rear quarter trim



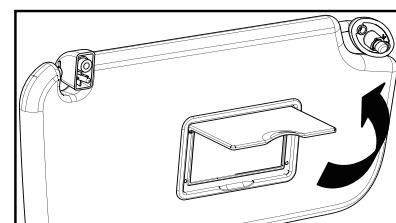
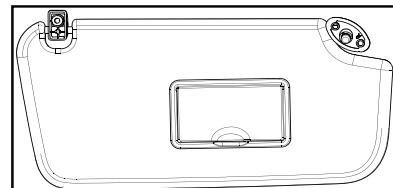
Sunvisor

Billfold

To view the billfold, pull down the visor.

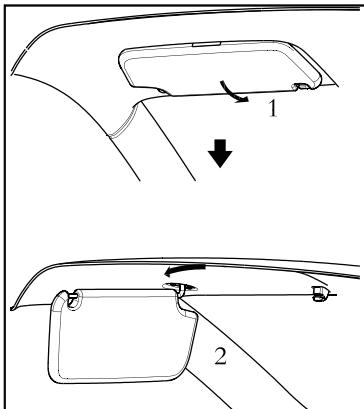
⚠ Warning

Don't put card or bills with thickness more than 1 mm (0.4 in) into the billfold.



Mirror (Optional)

To use cosmetic mirror, pull down the visor, turn on the cosmetic mirror cover.

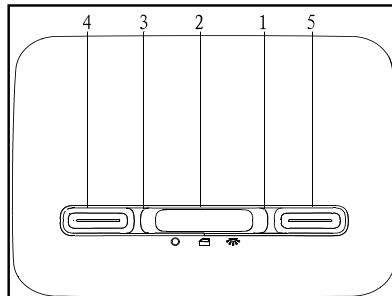


1. To block from the front dazzling light, turn down the visor ①.
2. To block the light from the side, remove the visor from the middle bracket to the side ②.

Interior lighting

⚠️ Warning

- If engine doesn't work for a long time, don't open the lamp switch to prevent the battery running out of battery.
- Close the light when leave the car.



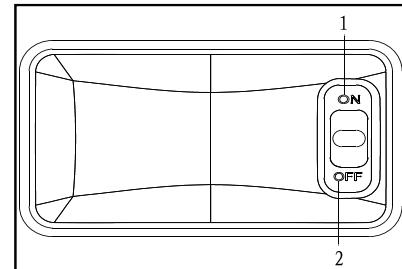
Front reading lamp

Front reading lamp is equipped with three switches and three light bulbs, the middle is a three-stage switch.

1. When the switch is in position ③, dome light will shut down.

2. When the switch is in position ②, the door (any one of the four doors) is in the opened state, the interior dome light is on. When the door is fully closed, the light will go off in 15s (engine is not started), the door is fully closed, the engine is started, light will go out in 8 seconds.
3. When the switch is in position ①, interior lights always light.

Button ④ 、 ⑤ control separately the left and right bulbs.



Rear indoor light (Optional)

The rear indoor dome light is located in the top middle of the

middle row and rear row. There will be three position for the rear indoor light.

When button is in ‘ON’, lamp always lights whatever door is

Memorandum

locked or opened.

When button is in ‘off’, lamp goes out.

When button is in the middle position, lamp will light when door is opened or semi-locked.

Working principle of the indoor lamp is the same as the reading lamp.

III 、 Inspection and adjustment before driving

Key

The car is equipped with two keys. Please locate one of them to the safety place. With Key, you can:

① ignition switch, ② front door lock, ③ rear door lock, ④ oil charge lid lock.

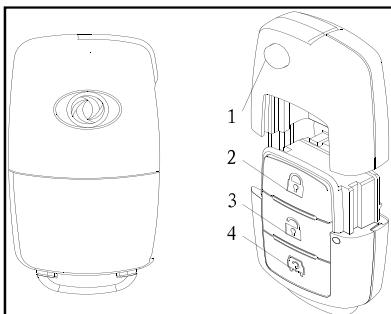
With correct inserting the key into the car, you can start the car.



Warning

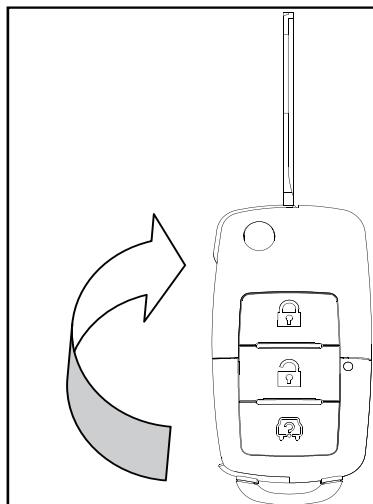
Please don't leave the key inside the car when you leave the car.

Intelligent Key (Optional)



① Mechanical key release button

- ② Remote control lock button
- ③ Remote control open button
- ④ Automatic car search button
- * : Guard against theft



Use intelligent key: Press ①, the key will automatically open as shown. In open state, hold down ①, the key can be manually pull back

When assembling mechanical key, close the key and turn it into intelligent key until the it's to be in the lock position

Vehicles equipped with intelligent keys can only start the engine with the smart key. And the key information is required to be registered in the intelligent key system components and anti-theft system component. One car is equipped with maximum two intelligent keys.

In addition, cars equipped with intelligent keys are equipped also with a mechanical key except one smart key.



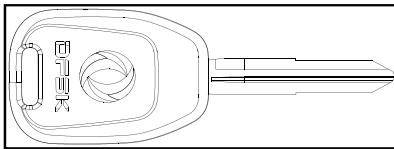
Warning

- You cannot touch smart key with brine, salt will damage the transmitter chip, resulting in system failure.
- Don't lose intelligent key.
- Do not drop the Intelligent Key.
- Do not place the Intelligent

Key for a long time at a temperature higher than 60 °C

- Do not place the intelligent key and key ring with a magnetic together.
- Please do not place the smart key with the items such as TV, audio equipment and personal computers, that might cause magnetic field

Mechanical key



Vehicles without smart key system are equipped with two mechanical keys.

Usage: the engine is started by rotating the mechanical key in the ignition switch lock.

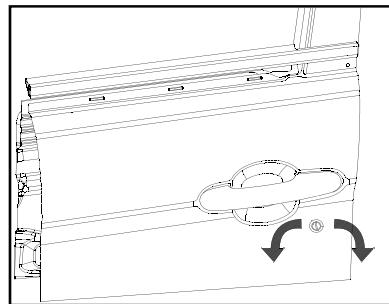
The mechanical key is also used for opening / locking the door and trunk (see for more details in "door lock").

Door Lock

⚠ Warning

- Observe before opening the door to avoid traffic accidents.
- Do not leave either children or the adult with disabilities in the car alone. They might inadvertently touch switches or control panel and cause serious accidents.

Front door

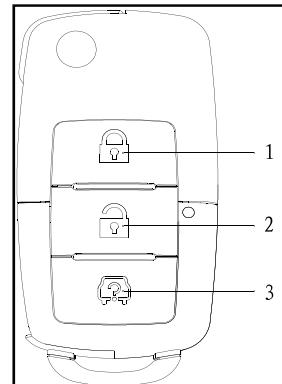


Opening / locking the door with key (outside)

While locking the door, shut the door a little harder first, insert the mechanical key into the door

keyhole (front row seat) and rotate to the direction along with the car front.

Doors are opened by rotating the key to the opposite direction.



Opening/locking the door with smart key system (optional)

1. Lock button
2. Unlock button
3. Automatic finder button

Outside the car, shut each door harder, and press '  '. Four

doors, except to the back door, can be locked.

Before opening the door,



press ‘’, and the car can be found automatically. Then pressing

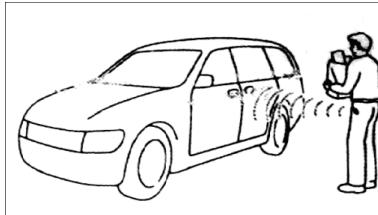


‘’, can unlock the doors.

When the smart key system is running out of battery or leaving with no electricity, press the button on the upper left part and get the mechanical key. Insert the mechanical key into the keyhole, rotate to back car direction, and the door is opened.

Warning

In order to avoid technical mistakes which might cause your property damage, check each door by pulling the door handle after locking.



Operating range

Smart key works only within a certain distance with the car.

When the key runs out of battery or surrounds by strong radio waves, the distance it can work shrinks or even cannot work properly.

Alert setting

If the doors are closed properly, after pressing switches button



‘’, all doors can be locked, turn lights flash twice, enters into the alert setting condition. If not properly closed, then after pressing



‘’, lamps flash three times, doors will automatically be closed.

Disarming



Press switches button ‘’, all the four doors will be opened, and turn lights flash once. If it is in a alarm condition, then disables it.

Emergency alarm function

While the alarm is set, emergency alarm starts once one of the four doors or trunk lid is opened, and the speaker tweets for 30s, turn lights flash, continuously triggers. In the state of alarm, pressing



‘’, again releases the emergency state and returns to the security state. In the state of emergency alarm, pressing



‘’, releases the emergency alarm state, exits the security state.

Second set

(Automatically switching to the security state)

In a state of alert, if mistakenly touched the transmitter button, released alert, and within 30

seconds the door is not opened, then in 30 seconds it automatically switches into the alert state, doors will be locked and turn lights flash.

Car searching feature



Press ' ', starts to search for the vehicle, turn lights flash for 15 seconds.

Security reminder

After turning off the engine, removing the key, and closing all the doors, if not locked within 10 seconds, turn lights flash three times (the criteria is whether or not the doors closed, rather than fortification).

Central control function

Slide switch in the front left door manages to lock and unlock doors except to the back door.

Learning function

The controller can learn up to two transmitters.

Steps:

(1) While the controller is

released and all the doors are closed, open the left front door twice (close-open-close-open)within 10 seconds.

(2) (OFF-ON-OFF-ON-OFF-ON-OFF).

Switch on and off the ignition for three times within 10 seconds.

(3) If the conditions are met, turn lights flash, means it is in an access code learning state; Press any button of the transmitter in 30 seconds, turn lights flash once if the learning is successful; Press transmitter's any button again, if the learning is successful, then the turn light flashes once; in the end, it automatically releases from learning state, and turn light flashes.

(4) The conditions for jumping off the learning state: Ignition switches ON / left-front door is closed/ no transmitter learning within 30 seconds/ finishes learning two transmitters.

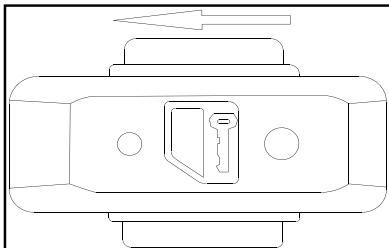
(5) In the state of access code learning process, if at least one transmitter is not learned yet, the controller maintains the original transmitter code. If the transmitter is learned successfully, only the last learned transmitter is valid.

⚠ Warning

In order to avoid technical mistakes which might cause your property damage, check each door by pulling the door handle after locking.

Lock/unlock the door using inside car lock button (in the car)

You can use both the front and rear door lock button to lock and unlock the door. While locking the door, close the door a little harder first, and press forward the lock button, then the door is locked. Whether you are inside or outside, doors cannot be opened. To open the door, press backward the lock button, pull the inside door handle.



Using the central control lock to lock/unlock the door (optional)

Press the button forward, four doors, except to the back door, can be locked. Press the button backward to unlock the doors; pull the handle to open the door.

⚠️ Warning

The central control lock is on the left-front door.

Using central control lock to lock/unlock the door, pay attention not to leave the key inside the car.

Rear door

To lock the door: shut the door bit harder, press forward the car lock button; to open the door: press the car lock button backward, pull

the inside door handle. After unlocking the door, you can open the door by pulling the outside door handle.

⚠️ Warning

Doors should be locked tightly, while driving the car lock button should be used to lock the door to prevent from accidental opening of the door.

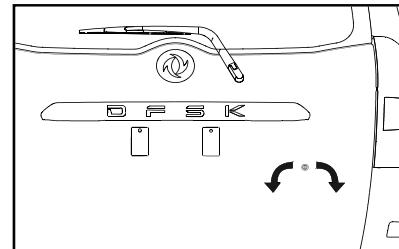
Rear door child safety locks

While using the child safety lock, pull up the lock button to disable inside door handle's function, and rear doors also can be opened with outside door handle only. And pull down the button to release the child lock.

⚠️ Warning

When there are children in the middle or back row of the car, must remember to use child-safety lock to avoid accident the children might cause by opening the door.

Backdoor

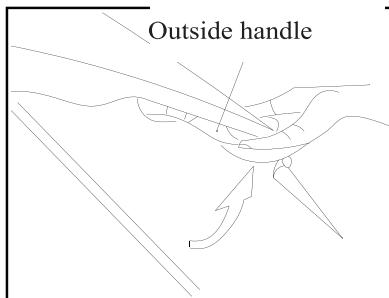
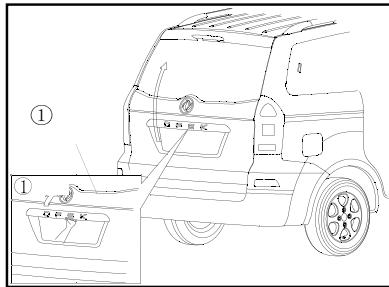


To open the backdoor, first rotate the key 60°clockwise to unlock and pull up backdoor handle. To lock it, shut the door harder and rotate the key 60°anticlockwise.

Backdoor

⚠️ Warning

- In order to avoid opening of the door while driving, make sure to close the backdoor.
- Do not drive if the backdoor is not closed, otherwise the dangerous car exhaust enters inside.



Lock/ unlock the backdoor

⚠ Warning

- Before opening the backdoor, observe if there is possibility to collide with something or someone.

- Park the vehicle in a safe and smooth place, make sure if there is no obstruction near the backdoor, and enough space to open the door.

Pull the handle to open the backdoor. ① pull the door to its complete width.

To close the backdoor, press the door until it is closed completely.

⚠ Warning

For safety, please check if the backdoor is closed before driving. After closing the door, do rotate the key counterclockwise to lock it. Make sure if the backdoor is closed before leaving the car to avoid

property damage.

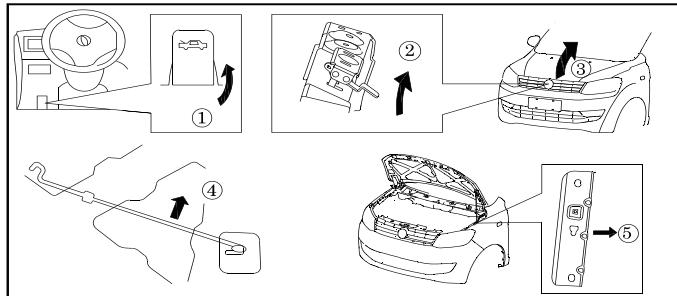
The hood

⚠ Warning

- Before driving, make sure the hood is completely closed. If the hood is not closed completely, while driving it might cause accidents.
- If there is steam or smoke in the engine compartment, do not open the hood to avoid injury.

Opening the hood

1. Pull the hood lock handle ①



located under the instrument panel until it bounced off the hood.

2. Use your finger to pull the handle ② between the hood and grille.
3. Lift the hood ③.
4. Get the rod ④ and insert it into the recess ⑤.

Closing the hood

1. Place the rod in the original position.

2. Slowly move down the hood till it is locked, press down to check if it is fully locked.

Fuel filler cap

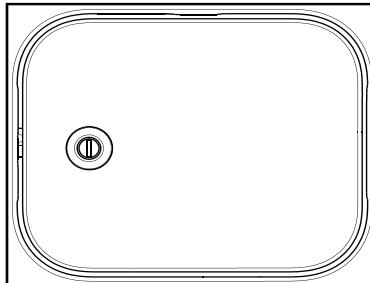


Warning

- Under certain conditions, the fuel is highly flammable and explosive. And improper operation easily results in injury. Therefore, while fuelling turn off the engine, and prohibit smoking and other types of kindling.
- Fuel might be under pressure, therefore, loosen the fuel filler

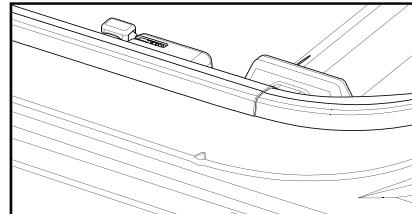
cap half turn, and wait for sizzle ends, to prevent fuel spray causes injury.

- While replacing the fuel filler cap, must use the original parts, as they have fuel system safety valve and evaporation controlling system. Defective fuel filler cap might cause functional failure and injury.



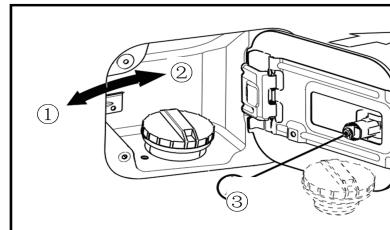
(Standard equipped)

Insert the car key into the fuel filler cap keyhole and rotate to open it.

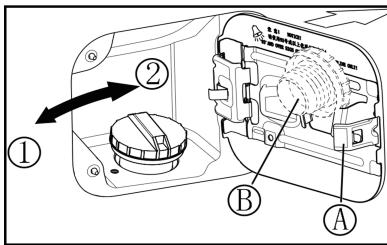


(Extra equipped)

Pull the fuel filler opening handle which is on the front door sill plate (left) to open fuel filler cover.



(Standard equipped)



(Extra equipped)

The fuel filler cap is designed in retched type, counterclockwise twist to open tank cap. After refueling, clockwise turning can close the tank cap: twist until it makes 'kaka' sound at least twice. Fueling with extra equipped fuel filler, tank cap can be hung on the sidewall of the fuel filler cap.

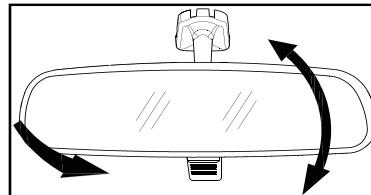
⚠ Warning

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

Rearview mirror

⚠ Warning

Before driving, check the position and angle of all the mirrors, do not adjust the mirrors while driving in order to concentrate on driving.



Inside rearview mirror

Hold the inside rearview mirror to adjust its angle until it reaches the proper position.

Rearview mirror

⚠ Warning

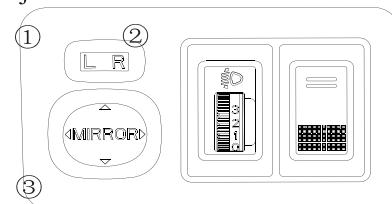
- Do not touch the moving rearview mirror to avoid pinching your fingers or damage the mirror.
- Do not drive when the rearview mirrors are folded as it reduces the possibility of seeing backside and causes accidents.

- The distance of the object appeared in the rearview mirror is closer than it looks.
- The size and distance of the image appeared in the rearview mirror are not real.

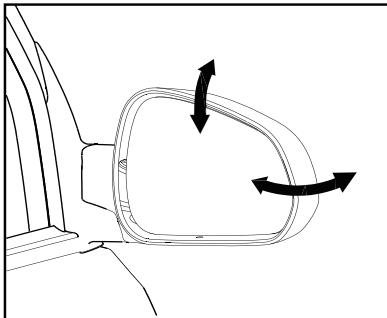
Rearview mirror adjustment

Remote control type

Only when the ignition switch is in 'ACC' or 'ON' position, the rearview mirror can be remotely adjusted.



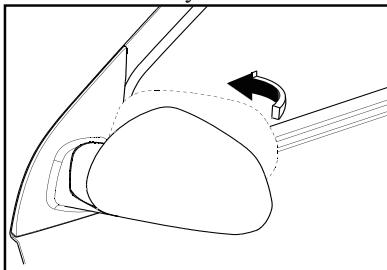
1. Select the left-side rearview mirror ① or right-side rearview mirror ②.



2. Press the adjustment switch ③, adjust the rearview mirrors both of the two sides.

Manual control type:

The rearview mirror can be adjusted to obtain the desired visual field in any direction.



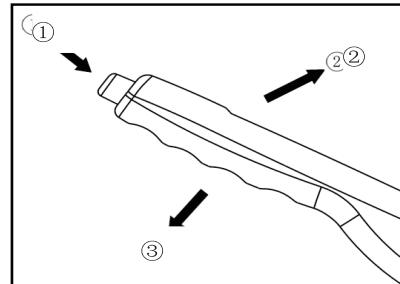
Manual folding type

Move the rearview mirror to fold it to the rear direction.

Parking brake

⚠ Warning

- While using the parking brake, do not drive the car, otherwise it overheats and causes brake-failure and accident.
- Don't release the parking brake from outside the cab, if vehicle moves, it is not possible to step the brake pedal and result in an accident.
- Do not use the shift lever in place of the parking brake. While parking makes sure the parking brake fully works.
- Do not leave the children or disabled adult in the car alone, they may inadvertently release the parking brake and cause serious accident.



Operating lever type

You can use the parking brake by pulling up the parking brake lever ②. Release the parking brake: slam the brake pedal. Hold the parking brake lever tightly, pull up slightly while pressing the button ①, put the parking brake lever down completely ③. Before driving, make sure the parking brake warning light is off.

IV、Monitor, warm wind and air conditioner, sound system

Security protection issues

Warning

- In order to focus on driving, please don't adjust the Warm A/C system or stereo system during the driving.
- If you found foreign items or liquid inside the system, or smog come out, please stop using the system, and connect to the nearest DFSK authorized service station, ignore this uncommon situation would lead to accident, fire or get an electric shock.
- Don't disassemble or modified system, it will lead to accident, fire or get an electric shock.
- Parking at safety position, use the parking brake, and connecting the equipment by the assistant connector, watches the pictures on the center screen.

Warning

- When the engine is not working, don't use the system in long time, for avoiding the lost of battery charge.

Rear view monitor (optional equipment)

When operate shaft (for example 'R' shaft) the pictures of the rear vehicle will be displayed, the system will help driver test big static items, for protecting the vehicle. System cannot test the little items blow the bumper, and also cannot test the items around the bumper or on the floor.

Warning

Rear camera can use as assist parking, but it can't instead the correct parking way, before parking must turn around to check if can safe back off, it must be slowly.

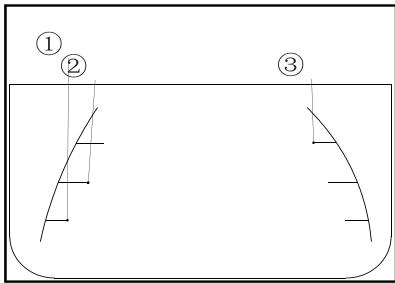
- Because of the use of wide-angle camera, the items appear on the rear view monitor is not as same as real distance.
- The items appear on the rear view screen is opposite to the version, as same as the rear mirror inside and outside.
- Make sure the rear door is closed when back off.

- Because of the shooting scope is limited, it cannot show the area blow the bumper and turning area.
- Don't put anything cover the camera, which located on the cover of the license lamb.
- When clearing the vehicle by water cannon, keep the water away from the camera, otherwise the water condensation on the glass, will lead to broken, fire or get an electric shock.

- Don't knock the camera, it is precise instrument, otherwise will lead to broken, fire or get an electric shock.

Warning

- There is a plastic cover on the camera, when clear the cover or snow, don't scratch the cover.



How to read the reference line on the monitor



Warning

- Using the display line as a reference, cargo reference line by the number of passengers, fuel level, the influence of road conditions and road slope is bigger. When reversing, always direct visual observation condition around the vehicle.
- Only when the vehicle in a horizontal paved road, distance from the reference line and the car wide reference line can be used as reference. Monitor the distance in reality

is for reference only, and may be related to the vehicle and display the distance between the objects are different.

- When hill back, see the object in the display may be far than they look. When downhill back, see the object in the display may be than they look close, use the car rearview mirror or turn to correctly judge the distance with other objects.

To monitor showed that the length of the vehicle and bumper reference line for reference to the distance of the object.

These representations as reference object distance, display reference line (1) the bumper of the reference line shows the distance of 0.5 m (red) within 1 m (yellow), (2), (3), 1.5 m (green)

Operating Tips

When lever to 'R' (reverse) block, the display screen will automatically switch to reversing video after see video monitoring mode, at the same time, you can hear the voice prompt.

- When the joystick from other place to 'R' gear, or from the "R" to other block, it may take some time, want to switch to the visual image, monitoring before fully display screen, display objects may be temporarily out of shape.
- When the temperature too high or too low, the screen may not be able to clearly show the object, this is not a fault.
- When the light directly expose into the camera, the object may not be able to clearly show that this is not a failure.
- You may see objects

appear on the vertical line is displayed on the screen. This is caused by a bumper strongly reflective, this is not a failure.

- Flicker maybe appeared on the fluorescent screen, that is not a failure.

- There may be difference between the color of rear image monitor and the color of After the color of actual object.

- In the dark place or at night, objects displayed on the screen maybe not clear, this is not a failure.

- If there is dirties, rain or snow attached to the camera, rear view video monitor may not be able to clearly show the object, please clean the camera.

- Do not use alcohol, benzene or thinner to clean the camera. This will lead to fade.

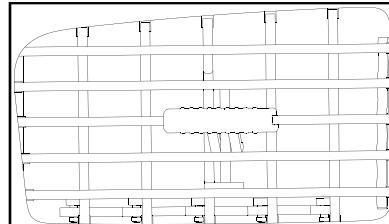
To clean the camera with a cloth dipped in dilute neutral detergent, then use dry cloth to wipe and clean.

- Don't damage the camera,

for monitoring screen may be adversely affected.

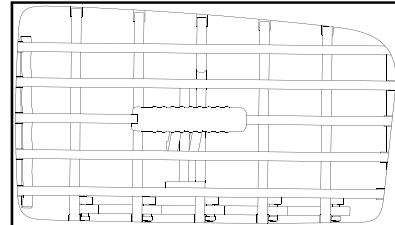
Don't wax on the camera, with a clean cloth dipped in diluted neutral detergent to wipe and clean all the wax.

Air outlet



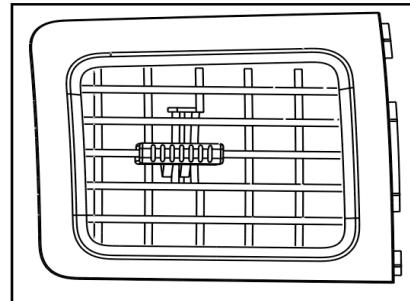
Central air outlet (left)

Turn the control knob, towards the corresponding direction, air volume and the direction of the wind can be adjusted. Move the central control button (up/down, left/right) to adjust the direction of outlet air flow.



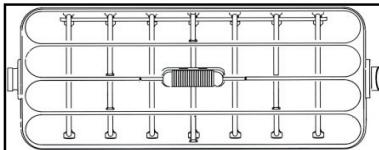
Central air outlet (right).

Move central control button (up/down, left/right)to adjust the direction of outlet air flow.



Side air outlet (left and right sides is symmetrical)

Open or close the outlet, refer to graphic, adjust the air flow direction of air outlet.



Top steam air outlet (totally four)

Move central control button (up/down, left/right). Adjust the air flow direction to the desired location of the outlet.

Warm wind and air conditioner

WARNING

- Warm wind and air conditioner is normal only when engine running to work.
- Don't let children or adults who need others care alone in the car, also do not leave pets alone in the car, they could inadvertently touch switch or controller, lead to the occurrence of serious accidents, causing casualties.

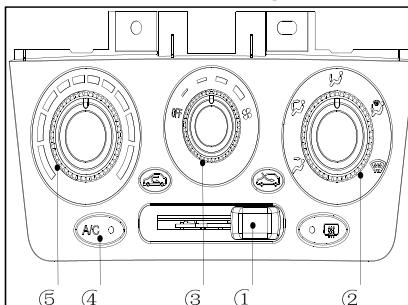
In clear weather, hot sealing temperature rise fast in the car, car body or animals might be in cause seriously injured.

- Do not use the car circulation mode for a long time; otherwise it will cause air turbidity in the car and the window of fog.

Warm wind and air conditioner only work when engine operating. Even if the engine is shut down, the ignition switch in the "ON" position, the blower can also work.

Control Panel

Manual air conditioning control



panel

1 Air intake dial button (inside circulation air outside air circulation.)

2 Mode control knob

3 Air volume control knob

4 Air conditioner button

5 temperature control knob

Please turn air volume control knob to 'OFF' position to close the air conditioner,

① Ventilation mode button

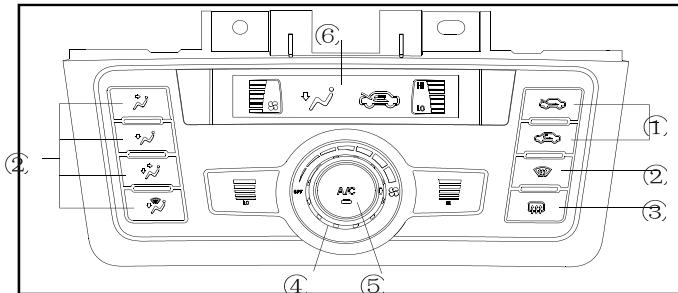
② Wind mode button

③ Rear defrosting switch button

④ Air volume control knob

⑤ Air conditioner button ('AC')

⑥ viewing screen



Air outside circulation:

Move input air toggle to  position, Air input from outside.

Air inside circulation:

Move input air toggle to  position. Air flow the circulation in vehicle.

Air Traffic Control:

Turning mode control knob to change the air flow pattern

 ...Airflow from the center and side vents blow.

 ...Airflow from the center, the

side vents and bottom vents blow

 ...The main airflow blown from the bottom outlet. 15% of air volume flow from defrosting hole.

 ...Airflow is blown from the defroster vents and bottom.

 ...The main outlet airflow blow from defroster.

Fan Speed Control:

Clock wise knob controls air volume, increase fan speed.

Counter clock wise knob controls air volume, decease fan speed.

A/C (controller) cooperation (optional equipment)

Press the 'A/C' button to turn on or off A/C. When A/C is running, 'A/C' indicator light on the switch will illuminate.

Temperature Control

Select hot air temperature: turning temperature control knob by clockwise direction from the neutral position. Temperature increases with increasing

angle of turning.

Select cold air temperature: turning temperature control knob by counterclockwise direction from the neutral position. Temperature decreases with increasing angle of turning.

Heater Operation

Heating :

Select mode heated airflow directly to the bottom outlet.

1. Move intake toggle to  position, and conventional heat.
2. Rotate the mode control knob to  position.
3. Rotary air volume control knob turn to desired position.
4. Turn temperature control knob from the neutral position by the clockwise direction to desired hot wind gear.

Ventilation :

This model will guide outside

wind to center and side air vents.

1. Move intake toggle to  position.
2. Rotate the mode control knob to the  position.
3. Rotate air volume control knob to the desired gear.
4. Rotate temperature control knob to the desired gear.

Defrost or defog :

This mode guide air to defroster outlet and demist.

1. Move intake toggle to  position.
2. Rotate the mode control knob to  position.
3. Turn rotary air volume control knob to desired gear.
4. Make temperature control knob from neutral position by clockwise direction to desired hot wind gear.

- To make outer surface of

the windshield defrost quickly, turn temperature control knob to intense heat position, air volume control knob to maximum position.

- If windshield defrosting be difficult and open 'A / C' button. (Optional equipment)

Heating , defrosting and defogging:

This model makes vehicle interior heating and defrost, windows fog defogging and defrosting.

1. The air intake button be moved to the  position, heat regularly. Rotate themode controlknob to  position.
2. Rotary air volume control knob to desired gear.
3. Rotary temperature control knob to maximum gear

A/C operation (optional feature)

AC system should work at least 10

minutes a month, which helps prevent damage due to lack of lubrication and air conditioning systems

COOLING:

This mode is used for cooling and dehumidifying the air

1. Move intake button to



Rotate the modecontrol knob to

2. Rotary air volume control knob to desired gear.

3. Press 'A / C' button. ('A / C' indicator will light)

4. The temperature control knob is rotated in a counterclockwise direction from the neutral position to the desired cold gear.

In hot and humid conditions, emerge from the fog ventilation, which is caused by rapid cooling because the air does not indicate a failure.

Dehumidifying heat:

This mode is used for heating and dehumidifying the air.

1. Intake toggle to

Rotate the modecontrol knob to

2. Rotary air volume control knob to the desired gear
Press 'A / C' button. ('A / C' indicator will light)

3. The temperature control knob in the clockwise direction from intermediate position to hot desired gear.

Dehumidification defogging:
This mode is used to defog the windows and air dehumidification.

Intake toggle to

1. Rotate the mode control



2. Rotary air volume control knob to the desired gear.
Press 'A / C' button. ('A / C' indicator will light)

3. Rotary temperature control knob to the desired gear.

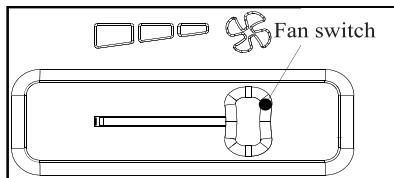
Overhead evaporator (with optional)

To use the overhead evaporator refrigeration, please follow process to start engine.

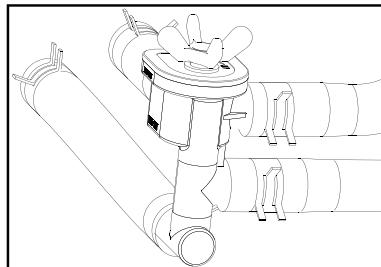
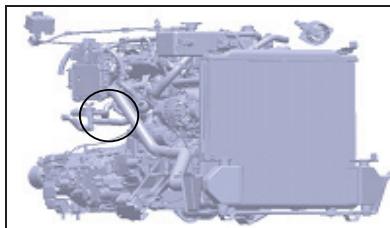
2. Press AC on the dashboard control panel/switch (indicator light on)

3. Rotary fan switch to the appropriate gear to select fan speed.

The dashboard control panel A / C switch is not open, the toggle switch to the appropriate fan gear, when the wind blows out, but no cooling effect



Use Hot wind valve



When heating is required defogging function, open the valve;

when needed air conditioning and refrigeration, turn off the valve, can increase the cooling capacity. When heating defogging, if there is no hot air blowing, check whether the valve is open. In the open air cooling, if the cooling effect is not good, please check valve is in the closed state.

Air condition maintenance

Warning

There is high pressure refrigerant in the air condition system. For avoiding hurt, all the air condition maintenance should be deal by the technical staff with special equipment.

Environment protection refrigerant had been filled in your air condition system.

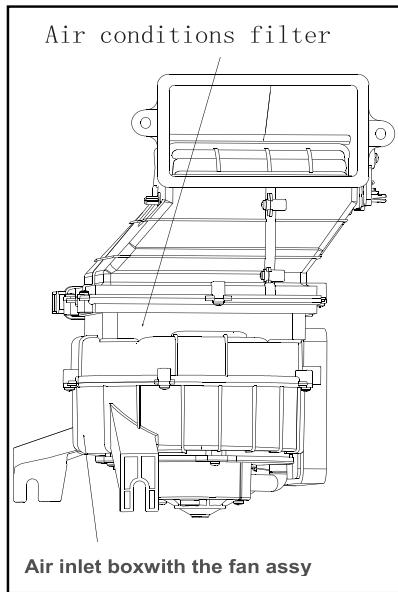
This kind of refrigeration would not damage the ozone layer, but a little bit bad effect to the global warming.

When maintain the air condition, please use the special filling equipment and lubricant.

Unqualified refrigerant or lubricant will seriously damage the air condition system. (Check '9.technical documents' 'Air condition refrigerant and lubricant').

DFSK authorized service station could deal with your environment air conditions system.

Air conditions filter



Air conditioning system is equipped with air conditioning filter (within the inlet box with air blower assembly), to remove dirt, dust and pollen. In order to keep the air conditioner can effectively heating, mist and ventilation, please follow the attached

replacement filter specified in the maintenance manual maintenance cycle. If the replacement of filters, please contact authorized service station of DFSK.

If the air flow decreases significantly, or when the heater or air conditioner operation window is covered with fog, please replace the filter.

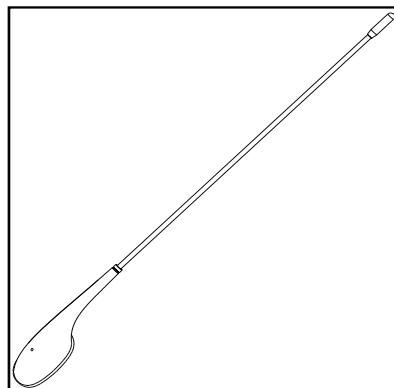
The sound system

In order to make you better operating sound system, our company is equipped with a sound system part of the detailed instructions; use your diagnosis and maintenance convenience.

Sound operation to prevent matters



In the process of driving, in order to drive a car with rapt attention, please do not adjust the sound system



Antenna

Adjust the antenna to the best Angle

 **Warning**

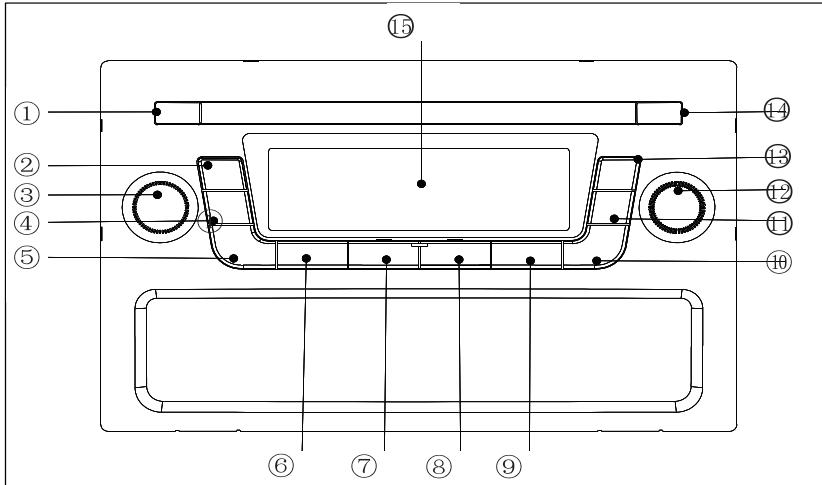
- Keep antenna as possible away from the electronic control module.
- "Keep your antenna and engine control wiring harness more than 20 cm (8 in). Don't let the antenna electrical wire with any parallel.

Radio

- Radio signal strength, waves transmission distance, buildings, bridges, and other external effects would influence the quality of the receiving station. Instability of receiving quality is caused by these external factors.
- Using mobile phones nearly or in the car will affect the radio receiving quality.

FM-AM Radio

- ① the power switch
- ② number1 key/play/pause
- ③ volume knob/mute/set
- ④ number 2 key/browsing
- ⑤ number 3 key / single repeat
- ⑥ MODE - MODE selection
USB interface
- ⑦ AUX interface
- ⑧ BAND – BAND
- ⑨ Number 6 key / 10 +
- ⑩ Number 6 key / 10 -
- ⑪ OK key/trust knob AS/PS –
automaticstorage
- ⑫ 4number key/random playback



⑬ CLK key - time setting key

⑭ LCD screen

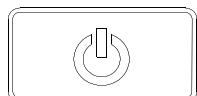
When the ignition switch is in 'ACC' or 'ON' file, the sound system can work.

The power button:

To open the sound system, press the power button.

To close the sound system, press the power button again.

1, the power switch



· Press this button repeatedly its function is as follows:

Power on power off

· Long press this button more than 5 seconds can be restored to the factory set.

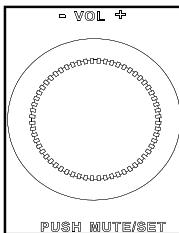
2、number 1 key/play pause



When the search of radio is ready, long press numeric keys 3 s, the current radio will memory on the number keys.

In the condition of MP3, short press to pause/play function.

3、volume knob



Short press the knob mute/cancel mute, long press enter setup repeatedly short press this knob to select the required mode, as follows:

BAS(bass) → TRE(high pitch) →
BAL(Left and right channels) →
FAD(front and rear channels) →
EQ (sound mode) → LOUD

(loudness) → BEEP(BEBE voice) → VOL(volume) → BAS(bass)

·When choose to needed mode, rotating knob to adjust the current model sound effects to achieve the best state, only in the EQ to OFF (sound), BAS (bass), and TRE (high) effectively.

·BEEP to ON, the operating system will appear;

When selecting the 3 s minutes after a pattern to rotate coding potentiometer, the pattern will be automatically returned to the state of volume.

·EQ sound mode control, the sequence is as follows:

POP (pop music) → ROCK(rock music) → CLASS(classic music) → JAZZ (JAZZ) → OFF (sound) → POP (POP music)

4、number 2 key/browsing

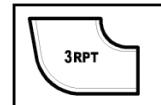


When the search radio is ready,

long press numeric keys 3 s, the current radio will memory on the number keys.

In the condition of MP3, shortly press for browsing play function.

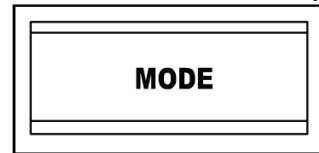
5、number 3 key/repeat



When the search of radio is ready, long press numeric keys 3 s, the current radio will memory on the number keys.

In the condition of MP3, shortly press for browsing play function.

6、mode transformation key



Short press the 'MODE' key is available for radio MODE, USB MODE, AUX MODE.

When it does no broadcast medium, the USB and AUX mode will be hidden.

Long press the 'MODE' key is 3 s and then short press in VOLC (default setting).

LCD backlight brightness level (15), the button lamp brightness grade (15), the ACC switching between voltage mode, the LCD backlight brightness grade (15), the KEY (KEY backlight brightness (15) mode with rotating code adjusted potentiometer knob, without any operation within 3 s clock will automatically to go back to the previous state.

·VOLC to ON, when the volume is more than 15 boots, the system volume will restore to 15.

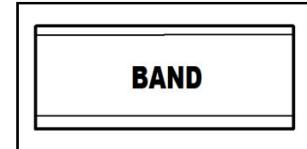
7、USB interface



USB external device interface
8、AUX interface



AUX external device interface
9、Band selection button -BAND

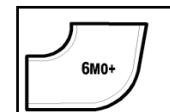


·Repeated short press this button to select the required band. Switching sequence is as follows:

FM1 → FM2 → FM3 → AM1 → AM2 → FM1

·Long press 3 s this button can be set into the stereo set, global band, and distance range setting mode, each mode with the volume knob

10、number 6 key/10+



When the search of radio is ready, long press numeric key 3 s, the

current radio will memory on the number keys.

In the condition of MP3, shortly press to choose 10 songs after the current track.

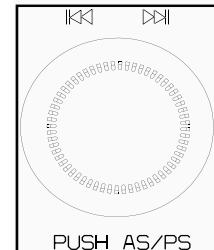
11、number 5 key/10



When the search of radio is ready, longly press numeric keys 3 s, the current radio will memory on the number keys.

In the condition of MP3, shortly press to choose 10 songs after the current track.

12、OK key/left and right knob AS/PS- Automatic storage key



Shortly browsing for the storage

station, according to the above 3 s automatic searching and storage, wise/counter clock: rotate, up and down set. Wise/counter clock rotating 3 ~ 5 s, frequency point flicker, to step up/down in frequency.

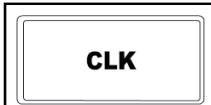
13. Number 4 key/ random play



When the search of radio is ready, long press numeric keys 3 s, the current radio will memory on the number keys.

In the condition of MP3, shortly press for browsing play function.

14. clock Settings button -CLK



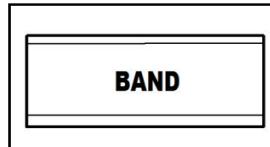
·Press 'CLK' key to enter the time display in any state

·In any state press 'CLK' button for 3 to 5 seconds after entering the time setting mode, you can set the

time by turning the volume knob, after setting up, press any key or wait 5s to exit the time setting mode

Radio Operations

1、BAND



·Press the 'MODE' button to switch to the radio state, repeatedly press 'BAND' button to select the desired band. Its switching sequence is as follows:

**FM1 → FM2 → FM3 →
AM1 → AM2 → FM1**

·Long press 3 s this button can be set into the stereo set, global band, distance range setting mode, set each mode with rotate coding potentiometer

Set Stereo: When the radio signal is weak you can turn off stereo sound to improve radio signal in output the effect, if the radio signal

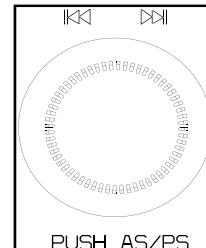
is good it can help to improve the effect of output to turn on stereo sound.

Band selection order:

ASIA, EUR, USA , LAT, JAP, RUS 1, RUS 2.

Distance range mode: When the local signal is good you can turn on the short-range mode to mask weak signals or poor radio; when listening areas with weak signals or fewer income broadcasting station can be opened, please change to the remote mode to enhance the effect and number of income station received (the default is remote mode).

2、Manual / automatic tuning



Automatic tuning: counter /wise

clock rotation, the radio will automatically search for up or down stations.

Manual tuning: counter/wise clock rotate 3 to 5 seconds, when the frequency point flicker, it is searching for the up / down station.

Shortly press 'AS / PS' button to browse stations memorized by keys (1-6) on the current band, when browsing to the appropriate station, press again 'AS / PS' button, the current station will be played at this time. When Press 'AS / PS' button more than 3s, this station can be automatically found and memorized, radio will automatically search station of FM / AM from the lowest point frequencies and store it on the number buttons.

4、Number key-123456

Number keys can memory radio stations needed stored, methods of operation are as follows:

When search your favorite radio station, press any (1-6) button more

than 3s, LCD display will show the stored key position number, it means that the station is memorized in the number button, FM memory up to 18 stations, AM memory up to 12 stations.

NOTE: If you try to store another station on the same storage button, the previously stored station will be erased.

Time setting operation

In the time display mode, press 'CLK' key 3 ~ 5s to enter time setting mode, rotate the volume knob or rotary OK button / knob to the left and right direction to adjust the time, press 'CLK' to set hour and minute. Adjustment is completed, you can press any key to exit time setting mode, the system will exit time setting mode automatically after stopped setting for 5s, and return to the previous state

USB/AUX

1、Play MP3

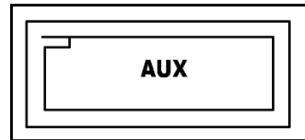
※ MP3 player under normal operating conditions put the USB

which have the file, the screen shows that displays 'USB', the search is completed it will automatically start playing

※ When it plays, the screen will automatically display: 'Track number' 'elapsed time', when finished playing the last one, start to play from the first one.

※ During playing process, if you want to remove the USB, you can directly pull out.

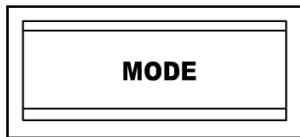
2、AUX external audio



When an external device is plugged into the AUX port, displays 'AUX'.

During playing process, if you want to remove AUX, you can directly pull out

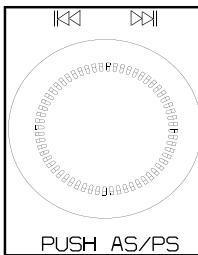
3、The mode switching button -MODE



When the player is plugged into the socket USB / AUX, press the 'MODE' button to switch its mode sequence is as follows:

Radio → USB → AUX →
Radio

4、NEXT、PREVIOUS



Turn the clockwise knob to select next one, turn the counterclock knob to electperversions one.

5、PAUSE-1



Press '1' will suspend playing, LCD shows 'II', press again to play again.

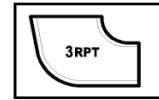
6、Automatic browsing tracks key -2



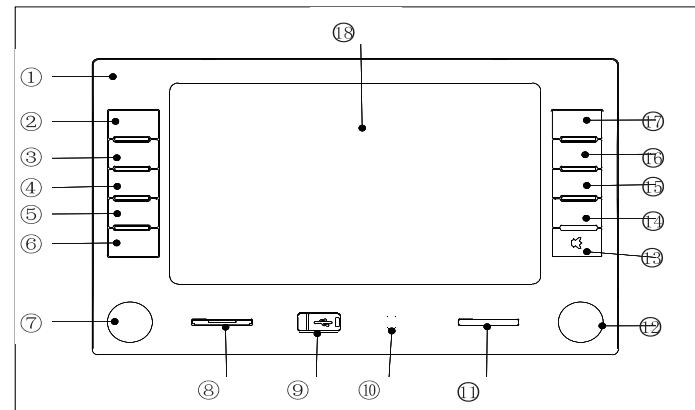
During playback, press the '2' key to browse the beginnin g 10 seconds of each track on the USB / MMC, it will

display 'INT' on the LCD screen, indicating that the function is turned on, and displays each track number and playback through time, press the key again to resume normal playback.

7、Repeat button -3



Press '3' could repeat the current track, at this time, it shows 'RPT'



on LCD screen, means the repeat function is already turned on. Press again; it will turn off this function.

8、Shuffle button -4



During playback, press the '4' key LCD displays 'RDM', the player will play any one in USB or MMC. Press it again, it will play in this order.

9、Select jumping track -5、6



When the USB or MMC into playback mode, perform selections by song sequence, each time you press the '6' key once in increasing order of 10 tracks, each press of the '5' key once cut sequence 10 tracks

MP5(optional)

- ① Blue tooth MIC
- ② Power button
- ③ FM button
- ④ MP5button
- ⑤ GPS button
- ⑥ Silence button
- ⑦ Voice button
- ⑧ MMC
- ⑨ USB
- ⑩ AUX
- ⑪ GPS

⑫ OK/left-right button

⑬ Return button

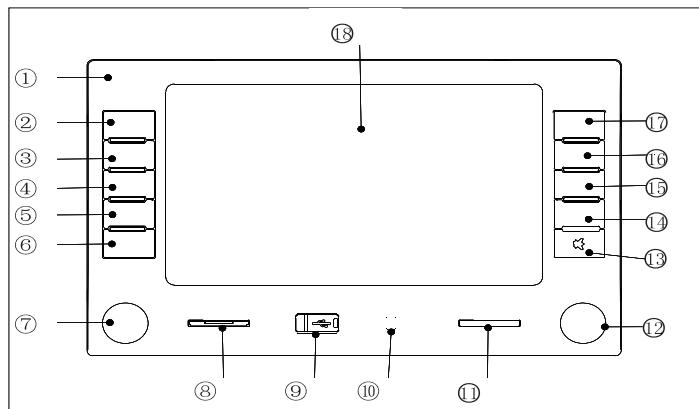
⑭ Down button

⑮ Up button

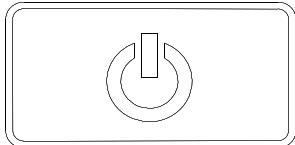
⑯ CLK

⑰ DISP button

⑱ Screen

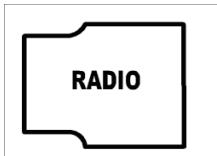


1、 power button



On ACC condition, press this button to open, long time press 8s return to factory setting condition.

2、 RADIO button



Shortly press this button to FM, then press to choose different channel.

3、 MP5 button



Shortly press turn to MP5 media

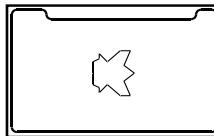
4、 GPS button



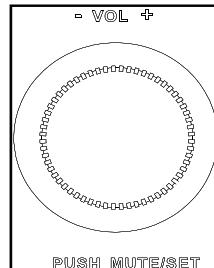
Shortly press turn to GPS.

5、 silence button

Shortly press for silence/cancel silence.



6、 voice button



Counterwiseclock volume decreases with the counter clock rotation, volume increases with the clockwise rotation; shortly press to

enter setting mode, shortly press in audio settings, system settings, the radio set cycle.

7、 CLK button



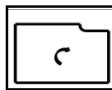
In the MP5 process, shortly press to show/closing time, long press for time adjustment.

8、 DISP button

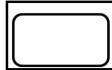


Shortly press to close/open screen, in MP5 video playback, it will switch to video display mode.

9、 MP5 / bluetooth/GPS state long press



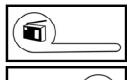
Button or screen



Enter homepage mode

In the homepage mode shortly

press or rotate the OK button to choose to enter the mode, short press the OK button or touch the button directly choose mode.



10、Radio and MP5, operating it according to MP3

System time setting

In the RADIO interface or homepage interface, long press

button into time setting, rotate the volume knob could set the time, enter the time setting page, shortly press to set hours/minutes. And press other keys to exit the time settings system.

Touch screen calibration

In the interface of non-video



player, long press or in the home page interface press



into the touch screen calibration settings.

Control operation of button on the steering wheel

1. The MODE switch MODE: switch's MP5, radio, GPS status.

2. VOL + : sound plus.

3. VOL - : sound minus.

4. mute: sound off, or cancel sound off.

5. SEEK - : shortly press for last one(MP5 status) /search frequency (radio), long press fast for rewind.

6. The SEEK + : shortly press for the next one (MP5 status)/search frequency (radio), long press for fast forward.

Laser discs (CD) players (optional)

In the cold or rainy days, players may be out of order due to humidity. If this happens, please remove the CD from the CD player, and let the players completely dry or ventilated.

Driving on rough road surface, the camera can skip.

At the high temperature status of vehicle, CD players sometimes may not be able to work, before use, please reduce the temperature.

Do not make CD exposed to direct sunlight.

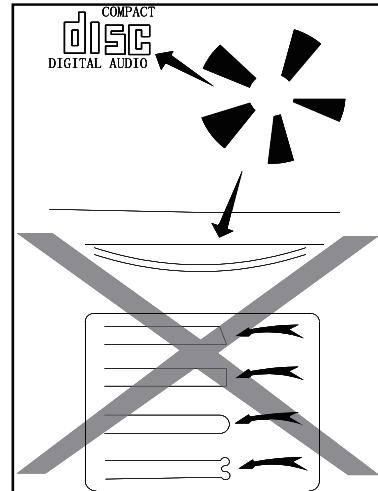
CD with poor quality, dirties, scratches, fingerprints, or holes could not normally use.

The following CD may not play properly.

- CD with copyright control (CCCD)
- Recordable CD (CD - R)
- Rewritten CD (CD - RW)

Do not use the following several CDS, as they may lead to CD player malfunctioned.

.



8 cm thick CD (3.1 in) - with adapter

Noncircular CDS

- CDS with paper label
- Warping CD, or CDS have scratches or abnormal edge

The sound system can only broadcast CD burned in advance. It does not record or burn CD.

If the CD player cannot work, one of the following information will be displayed:

The Error CD:

- confirm correctly insert the CD (label facing up.)

- confirm the CD not bend or warp

and no scratches.

Eject the CD:

This is because the internal temperature of the players is too high, resulting in failure. Press the EJECT button to remove the CD,

and insert the CD later. When the temperature of the players returned to normal, CD can be played.

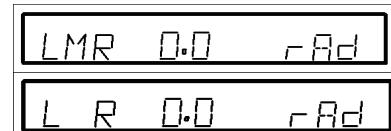


CARE

- Connect the ground wire to vehicle body from the base of radio.
- "For more information, please contact with DFSK authorized service station.

PDC (optional)

When the car user astern player will go into reverse radar display interface is as follows



Vehicle user player screen while backing out

It will real-time display reversing radar detected by the nearest location and its recent distance (m) and it is accompanied by "BEBE" sound prompt, when the detection range is less than 1 m "BEBE" sound frequency speed up.

Note: the player is in a state of shutdown or any other states; the user can immediately enter the back-draft radar interface and while backing an operating player in this condition.

L means the left, M means middle, R means right, read short for radar in English.

Note:

1) The largest support 4 Gb capacity USB/MMC.	can be up to 65534, the folder level up to 8 layers.
2) Support the USB/MMC FAT16 and FAT32 system.	4) The name of the file and folder name a maximum of 64 bytes, case-insensitive.
3) support VFAT (long file names), FAT16 root folder can accommodate a maximum of 512 files, FAT16 and FAT32 and others	5) Does not support external HUB.

V、Starting and Driving

Running in

In the first 1600 km (1000miles), the initial maintenance and running-in of the engine have close relationship with its future performance and dependability quality, the general principle should be followed as follows:

- Avoid long time stable speed, high speed or low speed.
- engine running don't over 6500rpm (DK13-08 engine) or 5000rpm (SFD12B engine) or 6200rpm(DK15 engine).
- Any gear condition doesn't put the oil speed to max.
- avoiding start engine rapidly.
- Avoiding suddenly brake.
- In the first 800 km don't to be a tractor.

Before the Start of Engine



Your vehicle driving condition will be changed in case over loaded, and loading distribution, suggest

you keep lower speed when heavy loaded.

- check vehicle around and confirm there is no obstacles
- check tire pressure.
- Check window glass and lights.
- adjust seat and head rest.
- Adjust inner rear mirror and outer rear mirror.
- Put safety belt for all passengers.
- Check all doors are well locked.
- Put key to ON and check the work condition of warming light and pilot lamp.
- Timely check all vehicle according to 'item 8 check and self checking steps'.

Notice of start and driving



- Don't let children or disabled person in vehicle alone, pets as well, they could open the button likely lead to serious

accident, in hot seasons, the weather inside vehicle would increase rapidly if all glasses are closed ,lead to danger to people inside.

- To avoid package rapidly forward to hurt person when brake please don't put package higher than seat.

Waste gas (carbon monoxide)



Warning

- don't inhale waste gas which include carbon monoxide which is danger to people life.
- If you doubt waste gas enter into cabin please open all window and check vehicle.
- Do not let engine operation in a closed space such as garage.
- Do not let engine long time operation when stop.
- Closed rear door when driving to avoid waste gas enter into cabin, if have to do that please do following steps: open all window, close cabin inner loop mode, open fan

to max to air recycle.

If the wire harness or wire harness connector must be through the back door seal or body, please follow make recommendations to avoid carbon monoxide into the cab.

- If due to entertainment or other purposes, for vehicles equipped with special devices or equipment, please follow the manufacturer's recommendations to avoid carbon monoxide into the cab. (some equipment such as stove, refrigerator, heater produce carbon monoxide)

- in the following situations, should check the exhaust system and body.
- When vehicle rose up for the maintenance.
- When you suspected waste gas into the cockpit.
- When you sound the voice of the exhaust system was change.
- When the exhaust system, the bottom of the body and the rear of the vehicle damage in the accident.

Catalysts (gasoline engine models)

▲ Warning

▲ The temperature of exhaust system and the exhaust gas is very high; please keep people, animals, and flammable materials away from exhaust system components.

▲ Do not park vehicles on the flammable materials, such as straw, paper or cloth, etc., which can cause material on fire.

▲ Catalysts are installed on the exhaust system for emission control, ternary catalysts in the exhaust gas combustion at high temperatures to reduce emissions of pollutants.

▲ Warning

‘Do not use leaded gasoline (refer to ‘item9 technical

information ‘of the recommended fuel/oil and performance’), some leaded gasoline can greatly degrade the performance of the three-way catalysts and even make it to further deteriorate.

Frequently adjust engine, ignition system, fuel injection systems, or electronic control system failure will lead to excessive fuel flow to the ternary catalysts and lead to overheating. When there is engine ignition, engine performance significantly lower or failure, do not continue driving vehicle, and test the vehicle by DFSK distributor.

Avoiding the rare cases driving vehicles when there is rare fuel in tank, it will cause the engine flame out and damage for three-way catalysts.

When preheating engine, please do not accelerator pedal.

* Please don’t start vehicle with pushing or tracing.

Notice for driving

According to the environmental conditions for safe and comfortable driving vehicle is quite important, as a driver, must know how to drive under the condition of the existing environment.

Start when the cold engine

Due to the engine speed is high, after the cold machine starts and during the warm-up period, it should be carefully to operate.

Goods loading

Load and its distribution and accessory equipment (connection device, roof rack, etc.) will be a sharp change of control of the vehicle driving characteristics. Your driving way and speed must be based on the actual situation to adjust.

Driving on wet road

Avoid sudden start, acceleration and braking.

Avoid sharp turn or change lanes.

Keep a longer distances and in front of the vehicle.

When there is water on the road surface, please reduce speed in order to prevent the skid and out of control. Tires' wearing will increase the risk of this situation.

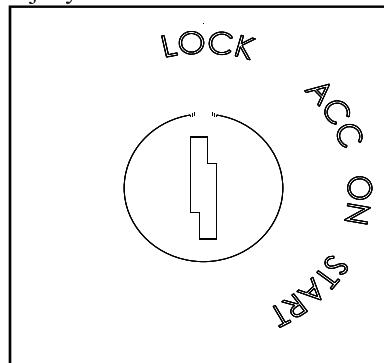
Driving in winter

4. Safely driving.
5. Avoid suddenly start, acceleration and braking.
6. Avoid sharp turn or change lanes.
7. Avoid suddenly change the direction.
8. Keep a longer distance from the front vehicle.

Ignition switch

⚠ Warning

When driving, do not pull out the key or turn the ignition switch to the 'LOCK' position. The steering wheel will be locked up, causing the vehicle out of control. This may cause serious damage or personal injury.



Ignition switch includes a device to prevent the vehicle

keys dropping from the ignition switch when driving.

- Only when the ignition switch in the 'LOCK' position, the key could be pulled out.

Although no marks, the ignition switch 'OFF' position is located between the 'LOCK' and 'ACC' position.

Turning lock

Lock the steering wheel

1. The ignition switch turns to 'LOCK' position.
2. If key in the ignition switch, pull it out.
- (3) From the vertical position on the steering wheel clockwise (1/6 circle)

Unlock the steering wheel

1. Insert the key into ignition switch.
2. When turn the steering wheel, gently twist the key.

The key position

The Lock

You can only pull out the key in this position.

The steering wheel can only be locked in this position.



Warning

Release key when engine start

Start engine

Gaosline engine

1. Use the parking brake.
2. Press the brake pedal.

3. When starting the engine, move the lever to the neutral position (N), and step the clutch pedal on to the end.

4. Turn the ignition switch to the START position. Start the engine, step on the brake pedal.

5. After the engine starting, loosening the ignition switch. If the engine can start, but useless, repeat the above procedure.

If the engine is hard to start in cold or hot weather, put foot on the accelerator to help start the engine.



Warning

- A single operation shall not exceed 15 seconds starting the engine. If you don't start the engine, turn the ignition switch to the 'OFF' position and wait for 10 s clock before start again, otherwise the starter could be damaged.

- If you need to use the auxiliary battery and jumper starting the engine, you must carefully observe '6. Emergency disposal' chapters 'jumper start' instructions and matters needing attention.

6. After starting the engine, to keeps the engine no-load running for at least 30 s preheating. Please use moderate driving a small section of the road, especially in the case of the winter.

Warning

When the engine preheating, do not let the vehicle unattended
Diesel engine

1. Use the parking brake.
2. Step on the brake pedal.
3. When starting the engine, move the lever to the neutral position (N), and the clutch pedal stepping on to the end.

4. Turn the ignition switch to 'ON' position to wait until the preheat light is put out.

5. Turn the ignition switch to the START position, starting the engine, the foot on the brake pedal; do not step on the accelerator pedal.

6. When the engine start, after loosening the ignition switch. If the engine can start, but useless, repeat the above procedure.

Warning

- A single operation to start shall not exceed 15s.If the engine did not move, turn the ignition switch to the "OFF" position and wait 20 s before

starting again, otherwise the starter could be damaged.

- If you need to use the auxiliary battery and jumper starting the engine, you must carefully observe '6. Emergency disposal' chapters 'jumper start' instructions and matters needing attention.

7. After starting the engine, to keep the engine no-load running for at least 30 s to warm-up. Please use moderate driving a small distance, especially in winter.

Warning

When the engine preheating, do not let the vehicle unattended

Vehicle driving

Driving manual transmission

⚠ Warning

Don't suddenly decrease gears on slippery roads, which can cause the vehicle out of control.

When decrease gears don't make the engine speed rise too much, it will lead to vehicle out of control or damage the engine.

⚠ Warning

● When the car is driven, do not put the foot on the clutch pedal. Otherwise it will damage the clutch system.

● When switching gears, confirmation the clutch on the end to prevent damage of the transmission.

● Don't put gears into the "neutral" (N), otherwise you will lose the engine brake function and cause an accident.

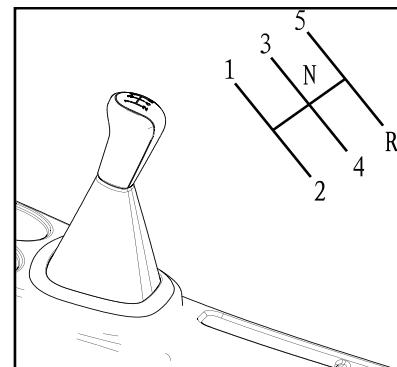
● Before you put the gear into (R) position, vehicle must be completely stopped.

● When the car stop for a period of time such as traffic, range can be placed into the position of the "N" on the brake pedal and the clutch pedal.

Vehicle start

Step on the clutch pedal trample to the end and move the joystick to 1 block (gear 1) or R (reverse) position.

1. Step on the accelerating pedal slowly, at the same time release the clutch pedal and the parking brake lever.



Shift

When you change gear, completely step the clutch pedal, and then put into the appropriate place, then smoothly and slowly release the clutch.

Start from 'P' (1st) gear, and change the speed according to the order shift '2' (2nd), '3' (3rd), '4' (4th) and '5' (5th).

If it is difficult to put into gear R (reverse) or gear 1, change the lever into the neutral (N) position, and then release the clutch pedal, completely step on clutch pedal trample again,

change into gear R (neutral) or gear 1.

You can not directly from the '5' (5th) block to the 'R' (reverse) block, first should change to the neutral position, and then change the 'R' (reverse).

Parking

⚠ Warning

- Do not park on inflammable goods, such as dry grass, waste paper or cloth. They are likely to fire caused by the fire.
(LHD left steering wheel)
(RHD right steering wheel)

- Safe parking program needs to pull up the parking brake lever

and hangs lever into the appropriate range, otherwise it may cause traffic accident to move or sliding, lead to accidents.

- When the car is unattended, prohibit keeping the engine running.
- Children or no independent ability cannot be alone in the car. Pets can't stay in the car alone. They might inadvertently touch switch or controller and cause serious accidents. In high temperature, sunshine, closed driving indoor temperature rise quickly, high temperature can cause severe injury to people or animals, or even death.
- 1. Make sure you use the parking brake.
- 2. On the clutch pedal and the joystick in R (reverse) position. When the car in the uphill road block (block) at low speed transmission in one.

3. When the car on the road slope, adjust the direction of the wheel to prevent vehicle delimit lane.

① Facing downhill: moving the vehicle forward until wheel neared curb gently touched curb, and then pull up the parking brake lever.

② Facing uphill: turn the wheel to face curb, moving the vehicle back until wheel neared curb gently touched curb, and then pull up the parking brake lever.

③ No curb - uphill or downhill, turn the wheel to the side of the road, make the vehicle moving center will deviate from the path, and then pull up the parking brake lever.

4. Turn the ignition switch to the LOCK position and pull out the key.

Trailer traction



Warning

Damage of the vehicle caused by tractor trailer is not included in the scope of the warranty.

Your car is designed to carry passengers and transport goods. Trailer traction is the extra load for your car's engine, power transmission system, steering, brake and other systems. Tractor trailer will lead to other conditions: swing (due to lateral wind, the rough road, of trucks, etc.). At this time you must adjust the driving mode and speed to adapt to this situation. Before the tractor trailer, please ask the dealer about how to correctly use the trailer device.

Operation caution

Please do not use trailer operations in the vehicle running-in period

- before trailer operation, please ensure that the lighting system of the vehicle towed is good.
- when the vehicle is in the

trailer operation, please comply with the legal maximum speed limitation.

- Please do not exceed 100 km/h (100 MPH)
- Avoid sudden starting, speed up or stop.
- Avoid sharp turning or sudden lane change.
- Driving the vehicle under moderate speed.
- To observe the trailer manual instructions.
- Choosing the appropriate coupling device (trailer hook, safety chain, etc.), these devices can be purchased from DFSK dealerships and you can consult more considerations on the trailer.
- Trailer load (trailer plus cargo) please do not exceed the seating value of vehicle and coupling device, for more information, please refer to DFSK dealers.
- Added load of trailer should

make a heavy load on the top of the vehicle, and the load should not exceed the maximum vertical load of the trailer hook.

- Please repair and maintain your vehicle as often as possible, The interval time should be shorter than the specified time on the maintenance manual.
- Due to the traction and resistance increases, the trailer homework need more fuel than normal driving.

Please note the engine coolant temperature indicator to avoid overheating vehicle.

Tire pressure

During the trailer traction, make the tire pressure to reach the maximum recommended value of winter pressure marked on the wheels (or full load).

Do not use temporary tire for trailer traction.

Safety chain

Use qualified safety chain to connect vehicle and the trailer. Safety chain must be cross used and fixed on the towing coupler, it is forbidden to fix safety chain on the bumper or axle. Ensure adequate allowance for turning vehicles

Trailer brake

Ensure the trailer brake installation is in accordance with the local laws and regulations. At the same time, check and ensure other trailer devices also are in accordance with local laws and regulations. When parking the car, please brake on the vehicle and trailer wheels at the same time. If the trailer is equipped with a handbrake, tighten hand brake at the same time. Do not park the vehicles on a slope.

When you inevitably park the vehicle on a slope, make the shift into a right place, and make the front tire toward the curb of the road.

Electric power steering system (optional)

⚠ Warning

If in the driving process, the engine does not work or shut down, the power steering system would not work, the steering will become more difficult.

When the engine is running, the electric power steering system warning light is shining; the power steering will stop working. You can still control the vehicle, but steering will become more difficult. When the vehicle steering, electric power steering system provides additional steering power to relieve the burden for driver turning the steering wheel.

When the vehicle is parking or at a low speed, continue to manipulate the steering wheel, power provided by the electric power steering system will be reduced. This prevents overheating so that damages the electric power

steering system. When steering power reduced, the steering wheel control will be difficult. When the temperature of the electric power steering system is reduced, the power will be back to normal. Please do not continue to turn the steering wheel to avoid the electric power steering system overheating.

When turn the steering wheel too fast, you will hear a clear friction sound, this is normal phenomenon rather than a failure.

When the engine running EPS warning light is shining, which means the system operation of electric power steering system is not normal, at this time vehicle should be timely sent to DFSK dealer station to inspect and maintain. (Refer to '2. The instrumentation and controls' section of 'electric power steering system warning lamp')

When the engine is running, the electric power steering system

warning lamp is shining; the power steering will stop working. You can still control the vehicle, but it will become very difficult, especially in the emergency turning and at the low speed.

Braking system

The brake system has two separate hydraulic circuits, when one occurs failure; the other could still play its role in generating a braking force for two wheels.

Braking preventive measures

The rational use of the braking friction pair

The brake friction pair is the device which directly provides automotive with brake friction, if the braking friction pair is used over limitation, braking failure will be caused, even brake disc will be worn, so please timely replace the brake friction pair (Thickness of brake block in front disc brake limits to 7.5 mm, thickness of the rear drum brake

friction brake shoe lining limits to 1 mm).

Vacuum assisted braking

Brake booster uses the engine's vacuum to assist brakes. If the engine flameout occurs or drive belt breaks, you can still stamp the brake pedal to stop the vehicle, but you need to increase the power to step on the brake pedal to stop the vehicle, braking distance will increase at the same time.

When the vehicle is moving, the engine is not running or shut down, auxiliary brake does not work and braking will be more difficult.

Warning

Please do not slide on under the condition of engine is switched off.

Use the brake

Your foot can't rest on the brake pedal during the driving process. This will overheat the brake, accelerated wear friction slices, and at the same time reduce fuel economy.

To prevent excessive wear of the friction plate and brake overheating, before driving long ramp or slope, reduce speed and shift to low gear. Over heating brake will reduce braking performance and cause vehicle out of control.

Wet braking

After washing the car or driving through the water surface, brake will be wet, lead to the braking distance is lengthened, vehicles may be drifting when braking.

To make the brake dry, lightly stamp the brake pedal to heat the brake in the condition of driving with safe speed, until it is back to normal, please avoid high speed before braking function back to normal.

Uphill driving

When start uphill, sometimes it is

difficult to simultaneously operating the brake and clutch. It must use the parking brake to stabilize the vehicle. Do not let the clutch slippage. When it is ready to start, slowly release the parking brake, simultaneously stamp the acceleration pedal and release the clutch.

Downhill driving

When driving downhill, the engine can effectively control vehicle speed. The lever must be set in low speed range. These gears can give full play to the braking efficiency of engine.

(ABS)

Warning

- Anti-lock braking system (ABS) is a complex device, but it is unable to prevent accidents caused by careless or dangerous driving. When braking on smooth road, which can help you control the vehicle. But please remember, even with the ABS system, the

braking distance on the smooth surface would be longer than that in the normal road. In the rough, gravel, snow on the road, or withchain, the braking distance would also be longer, so please be sure to keep a safe distance with the vehicle ahead. In short, driver is the responsible people for safety.

- Tire type and status may also affect the braking effect.
- When you replace tires, all the four tires must be install tires with the specified size.

When installtires please confirm the size and model of the spare tires, which must be consistent with the specification on the label pressure tire. Please refer to tire label of 'section 9. Technical information'

Detailed information, refer to the wheels and tires of 'section 8. Maintenance and do-it-yourself'. Anti-lock braking system (ABS) control brake, make the wheel in a vehicle emergency brake or won't

lock when they go on smooth surfaces. System detects the rotational speed of each wheel, and by varying the pressure of the brake fluid to prevent the wheels from locking and sliding. By preventing the wheels from locking, the system assists the driver to control direction and minimize the slip, avoid skidding on slippery roads.

Use ABS

Stamp on the brake pedal. Depress the brake pedal with steady pressure; make the pedal unable to lose nap. ABS will work to prevent the wheels from locking, assisting the driver normally control the vehicle to avoid obstacles and hazards.

⚠ Warning

Do not let the pedal loosen up. Otherwise it may cause the braking distance increases.

Self-checking function

ABS contains electronic sensors, electric pump, hydraulic solenoid

valve and processor. Processor has self-checking function, every time when starting the engine, vehicle moving forward or backward with low-speed will do the test to the system. When performing the self-checking, you might hear a boring "metal" noise and/or feel the brake pedal pulsation. This is a normal phenomenon, does not mean any fault. If there are any failure processor detected it will close the ABS system, and makes the ABS braking warning lamp on combination instrument light. At this point, the braking system can work normally, but no anti-lock function. If the ABS warning light glows in the self-inspection or driving process, please drive the vehicle as soon as to DFSK authorized service stations for inspection.

Normal operation

When the speed of the car exceeds $5 \sim 10$ km/h ($3 \sim 6$ MPH) ABS begins to work, the speed will

change according to different road conditions. When ABS detects one or more wheels to lock, the actuator will work fast, release pressure. This action is similar to quickly release the brake. When ABS brakes, you can feel the pulsation of the brake pedal, and from the nacelle to hear the sound, or feel the vibration of the actuator. This is a normal phenomenon; it shows that the ABS work properly. However vibration may also means the condition of the road is very dangerous, shall be very careful when driving.

(EBD)

Electronic brake-force distribution system is a complement to the ABS system. Popular speaking, function of EBD is similar to the load sensingproportioning valve of vehicle without ABS (more sensitive than sensing proportional valve).

Self-checking function

Every time when starting the

engine, vehicle moving forward or backward with low-speed, as ABS, EBD also starts the self-inspection. If there are any failure processor detected it will close the EBD system, and makes the EBD braking warning lamp on combination instrument light. If in self-inspection or driving process EBD warning lamp lights, please drive your vehicle to DFSK authorized service station for inspection as soon as possible.

Warning

If during the ABS/EBD in self-inspection or driving process, the warning lamp lights simultaneously, please be sure to lightly stamp on the pedal to slow down until the vehicle parks. And immediately contact with the DFSK authorized service station for inspection. (Please contact after-sales person or slowly (below 30 km/h) drive to 4S station, during driving on the way you can't urgently brake, otherwise easily

lead to accidents such as spin.

Vehicle Safety

When you leave the car, and no one in the vehicle:

- You must pull out the car keys and carry with you, even in your own garage.
- Fully close all the windows and lock all the doors.
- Vehicle must be parked in the place where can be noticed. Parking in the bright place at night.
- If the vehicle is equipped with security systems, even a short period of time, please use it.
- Do not leave the children and pets stay in the car if there is no one to take care of.
- Carry the valuables with you; do not to stay in the car.
- Do not place items on the rack, please take it down to a safe place or lock in the car.
- Do not keep the spare key in the car; it must be kept in a

safe place of your home.

Driving in cold weather

Warning

- Regardless of the road condition, all the driving needs to be careful. Both Acceleration and deceleration must be careful. If the accelerate or decelerate quickly, driving wheel will be easier to lose driving force.
- Driving in the cold weather please reserve a long braking distance. Braking time shall be earlier than driving on the dry pavement.
- It is difficult to smoothly driving on the slippery ice surface (0°C, 32°F and freezing rain), frozen snow or ice. Driving force or griping force in this situation would be greatly reduced. Unless there is sprinkle salt or sand on the road, otherwise please do not driving on the wet ice surface.

wet ice surface.

- Please note the wet place (ice). They may appear in the shadows road which is seen as clean. When you the crushed ice, please brake before you arrive in. Do not step on the brake when you arrive in the ice point, and avoid suddenly turn the steering wheel.
- Snow would make the dangerous waste product backlog below your vehicle. Please remove the snow on the exhaust pipe and around the vehicle.

Storage battery

If the battery not entirely charged in the extremely cold weather, battery electrolyte may freeze, cause damage to the battery. Battery should be checked regularly to maintain maximum effectiveness, more details, please refer to the '8. Maintenance and do-it-yourself" chapters battery'

Engine coolant

If the vehicle must stay outside and without antifreeze, coolant must be empty, and add it again before using the vehicle. Please refer to the '8. Maintenance and do-it-yourself' chapters 'replace the engine coolant'.

Tire equipment

1. When install snow tires of front/rear wheel for your vehicle, the size of the snow tires, load range, structure and type (type or the radial type) should be the same as back/front wheel.
2. Driving vehicle in winter should put on snow tires for four wheels.
3. Using the cleats tires can increase the driving force on the icy roads. But in some areas it is prohibited to use. So before installing the cleats tires, you should inquire the local laws and regulations. Cleats tires' antiskid ability in wet or dry road may be worse

than the ordinary tires.

4. If necessary nonskid chain also can be used, when installing the nonskid chain, confirm its size to fit your vehicle tires, and install it on the basis of chain manufacturer recommended. When nonskid chain factory has suggestion, nonskid chain tensioner also can be used to maintain installation tightness. Connecting piece of chain's relaxation point must be fixed or shake when removed to prevent damage to the fender or chassis. In addition, please low your speed; otherwise it may damage your vehicle, and/or affect your vehicle's handling and performance.

Special equipment in winter

In winter, it is suggested carry the following items with your car:

- ◆ Snow scraper and hard brush, used to clear the snow and ice on the windows and windshield wipers.

- ◆ Solid plate, can be used to place under the jack, as a strong support.
- ◆ to shovel the car from snow.

Rust-proof protection

Corrosive chemicals used for deicing ice on the road surface will accelerate corrosion and accelerated age the components (such as chassis, exhaust system, fuel and brake pipe, parking, floor and lasso fender, etc.).

In winter, chassis must be regularly cleaned. For additional information, refer to '7.appearance and maintenance' section of the 'rust protection'.

For other rust and corrosion protection measures, which may be used in some places, please consult the local DFSK dealers.

VI、Emergency measures

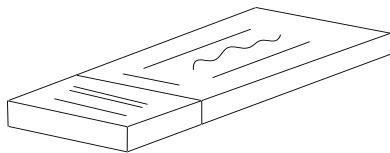
Vehicle tools

Warning triangle and vehicle tool bag are placed under the copilot seat

⚠ Warning

Make sure that vehicle tools are firmly fixed to avoid harming the crew in the event of accidents and sudden braking.

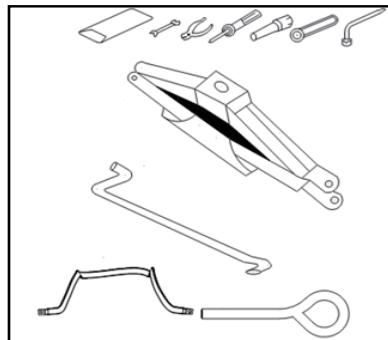
Warning triangle



⚠ Warning

The usage of warning triangle must comply with the law.

Vehicle tool bag



Vehicles Pets Tools:

1. Steel wire hoop or plastic hooks to remove tire cover and tire bolts.
2. Wheel nut wrench
3. Combination screwdriver
4. Spark plug socket
5. Spanner
6. Pliers
7. Jack

⚠ Warning

- Rotate the jack screw before put inside the tool bag. The handle must be against the side of jack tightly.
- The jack is specially designed

for corresponding vehicle models. Using for heavier vehicle is not allowed.

- Don't start the vehicle when it is lifted.
- A support block to support the vehicle is a must when working under the vehicle.

Flat tire

If your car tire is flat, follow these instructions:

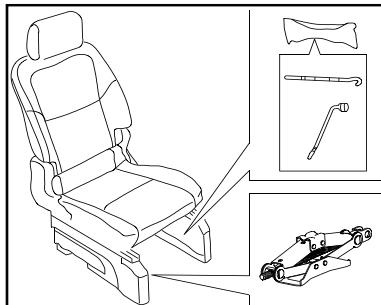
Park the vehicle

Warning

- Make sure the parking brake lever is pulled.
- Make sure the joystick linked into R (Reverse) gear position.
- When the vehicle is parked on the ramp, icy or slippery surfaces, do not replace the tires. Otherwise, it is very dangerous.
- If traffic is relatively close to your vehicle, do not replace the tires. Ask for professional assistance.

1. Drive the vehicle off the road safely.
2. Turn on hazard warning flashers.
3. Park the vehicle on the flat ground.
4. Pull the parking brake lever.
5. Assigned to the reverse gear lever position.

6. Engine off.
7. Open engine hood.
- Warn other vehicle.
- Ask for professional assistance.
8. All passengers leave the vehicle and stand in a safe place, away from the moving traffic.



Prepare tools and tire

Remove the jack, the necessary tools and spare tire from the storage area.

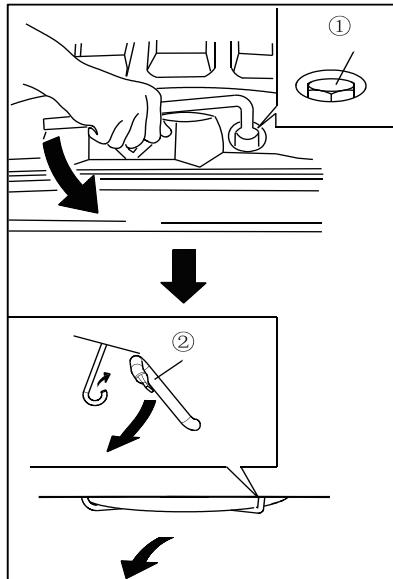
The jack and tools are under the seat of front row.

The spare tire is under the back of

vehicle.

When the trailer coupling device is mounted on a vehicle, remove the spare wheel. (Refer to 'Trailer towing' in chapter '5. Starting and driving' for more information about trailer devices)

Remove the spare tire as per the following procedure.



Spare tire

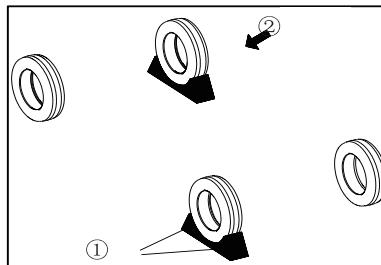
Open the back door.

Loosen the bolts ① rotate about 40 laps with a wheel nut wrench counterclockwise to reduce the spare tire. When the spare tire is reduced to low enough to remove the spare tire carrier hook, stop

twisting bolts. ② Remove the hook. Push up the spare tire rack; remove the hook from the bottom of spare tire rack slowly. Lower spare tire rack to the floor slowly, and then remove the spare tire.

Spare tire rack bolt tightening torque:

24.5~29.4N·m



Block the wheels

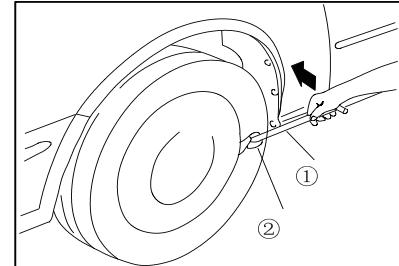


Warning

Make sure block the proper wheels to prevent the vehicle from moving, causing injury.

Put the block ① in front and rear of the wheel which is on the

diagonal of the flat wheel ② in order to fix the car when lifted.



Disassemble wheel

Disassemble rim cover (if equipped)



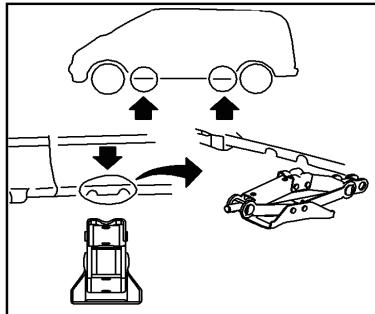
Warning

Don't disassemble rim cover with your hand, it may cause personal injury.

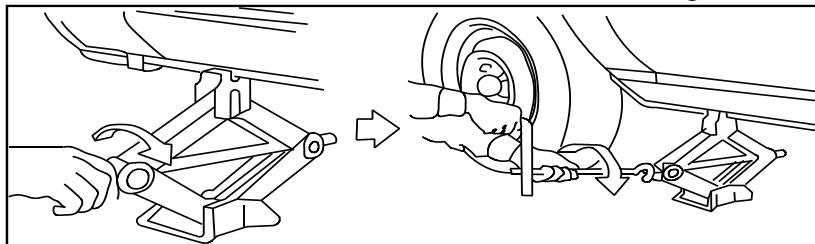
Jack the wheel, disassemble the wheel, then move the rim cover. After that, use jack ①. See picture.

To prevent from damaging the wheel and rim cover, put the soft

cloth ② between rim cover and jack rod.



Jack support point



Lifting the car

⚠ Warning

- Make sure read and operate as per the instruction.
- Don't stay under the car lifted only by jack: use vehicle safety support.
- Don't use non-original jack.
- The jack is only designed to lift your vehicle when changing the wheel.
- Don't lift the vehicle beyond the stipulated support point.
- Don't lift the vehicle if unnecessary.
- Don't use pad on the top or at the bottom of jack.
- Don't start the engine when the

vehicle is lifted. Otherwise it may cause accident.

- The passengers should leave the vehicle when lifted.
- Ensure read the above instructions before use the jack.

1. Put the jack under the illustrated support point so that the top of jack can contact directly with the vehicle.
2. **Put the jack on flat ground.**
3. The top part of the jack is aligned between two incisions of support point.
4. Put the notch of the jack between illustrated incisions.
5. Release every wheel nut by screwing the nut counter-clockwise one or two laps with wheel nut wrench. Don't remove the wheel unless it is off the ground.
6. Lift the vehicle until it is completely off the ground.
7. When lifting the vehicle, hold the handle and connecting rod tightly with two hands, and

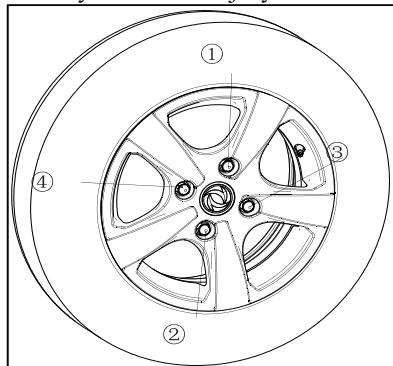
then rotate the handle.

Remove the wheel

1. Remove the wheel nuts.
2. Remove the damaged wheel.

⚠ Warning

Watch out your feet, the wheel is very heavy, wear gloves if necessary in case of injury.



Install spare tire

⚠ Warning

- Don't use non-original wheel nut, it may cause the wheel loose or out of the vehicle, accident may happen.

- Don't paint oil or grease on the wheel nut, which will cause the wheel nut loose.

1. Clean the wheel and rim cover.
2. Fix the spare tire carefully with hand screwing the nut tightly. Make sure all the nuts are parallel to the tire surface.
3. Screw the wheel nuts (①—④) alternately and uniformly with wheel nut wrench, at least two times, until screwed tightly.
4. Lay down the vehicle slowly until it touches the ground.
5. Screw the wheel nuts as per the sequence illustrated.
6. Lay down the vehicle completely.

Tighten the wheel nuts to the specified torque quickly with a torque wrench.

Wheel nut tightening torque:

108N · m

Wheel nuts must keep the specified tightening torque at all times. We suggest every time when you maintain your vehicle, tighten the wheel nuts to specified torque.

⚠ Warning

Tighten the wheel nuts every 1000KM (600miles) mileage or when the tire leaks.

Store the damaged tire and tools

⚠ Warning

Make sure store the tire,jack and tools in right place otherwise they may be thrown out when accident happens or sudden stop, which is very dangerous.

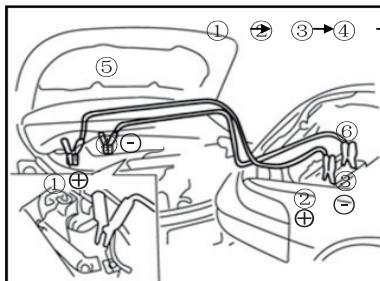
1. Store the tire jack and tools in stipulated area.(refer to the chapter "Prepare tools and spare tire")
2. Close the backdoor.

Jumper start**⚠ Warning**

- Wrong jumper start may cause battery explosion, which may cause serious injury or death. It may also cause the vehicle damage. So that operate as per the regulation is a must.
- The explosive hydrogen is always around the battery. Make sure all sparks and flames away from the battery.
- When work nearby the battery, you must wear appropriate protective goggles and take off rings, bracelets and any jewelry.
- Don't rely on the battery when jumper starts the vehicle.
- Do not let battery liquid contact with eyes, skin, clothing or body paint. Battery fluid is corrosive constituents of sulfuric acid, can cause severe burns. If the battery fluid contact with anything, immediately flush the affected

area with plenty of water.

- Keep battery out of children's reach.
- Auxiliary battery must be 12 volts. Using incorrect voltage battery may damage your vehicle.
- Frozen battery should not attempt to jump start. It could explode and cause serious injury.



Jumper start schematic

If the jumper start battery is from other vehicle, close two vehicles ⑤ and ⑥ to connect two batteries.

1. Pull the parking brake lever.

2. Engage into neutral position.
3. Turn off all unnecessary circuit systems (e.g. ceiling light, hazard warning lights, etc.).
4. Make sure the engine ignition switch is in the off position.
5. Remove the battery cover (if equipped).
6. Remove the battery vent cap (if equipped). Cover the battery with wet cloth in case of explosion caused by flame.
7. Connect the electrode as per the illustrated sequence(①→②→③→④).

⚠ Warning

- Connect the \oplus electrode to \oplus electrode. Connect \ominus electrode to ground (such as left engine bracket), not to another \ominus electrode.
- Confirm the jumper cables do not touch moving parts of the engine.
- Confirm jumper cable card do not touch other metal parts.
- Start the engine of aid vehicle

- ⑥, keep running for several minutes.
- 9. Depress the accelerator pedal of aid car to about 2,000 rpm.
- 10. Start your vehicle ⑤ in normal way.

Warning

Time for each start with starter shall be less than 10seconds. If the engine will not start right away, turn the key to "OFF" position, wait 10 seconds and try again.

- 11. When the engine is started, disconnect the cable as per opposite sequence as illustrated ④, ③, ②, ①.
- 12. Take away and treat the cloth that covers the vent. The cloth may be polluted by corrosive acid.
- 13. Fix the vent cap(if equipped).

Push start

Don't try to start the engine by pushing the vehicle.

Warning

- Don't push start of the vehicle that equipped with catalytic converter, otherwise it may damage the catalytic converter.
- Don't start the vehicle in traction way. When the engine is started, the inertia of vehicle may cause crash with tow car in front.

Overheating of engine

Warning

- If the engine of your vehicle is overheated, stop driving otherwise may cause vehicle fired.
- Don't open the engine hood if the steam overflow.
- Don't open water tank cap when engine overheat. Otherwise high pressure hot water will be ejected, and may cause burns or serious injuries.
- If there is steam or coolant overflow from 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 allow hands, hair, jewelry or clothing contact the cooling fan or drive belt.

If your vehicle is overheated (engine coolant temperature gauge shows the message) or when you feel the engine underpowered, and abnormal noise, take the following procedures:

1. Drive the vehicle away from the main road and park in safe place.
2. Turn on Hazard warning flash.
3. Pull the parking lever.
4. Engage into neutral position, keep engine running
5. Open all the windows.
6. Set the heater or A/C temperature control button into the hottest position, fan control button into highest speed.
7. Leave the driving cab

8. Check with your eyes and ears if there is steam or coolant overflowed from water tank. Make sure you don't see any steam or coolant before you take next step.
9. Open the engine hood.
10. Inspect visually the cooling fan running condition.
11. Inspect visually if there is leakage of radiator and its hose. Stop the engine if the cooling fan doesn't work or coolant is leaking.
12. After the engine cools down, check the coolant volume while the engine is running. Don't open the water tank cap (if equipped).
13. Add coolant into the tank if necessary.



Warning

To avoid being burned, cover the coolant tank cap with cloth before screw it off. Screw the cap to first level slowly, let the steam out.

Please inspect/repair your vehicle

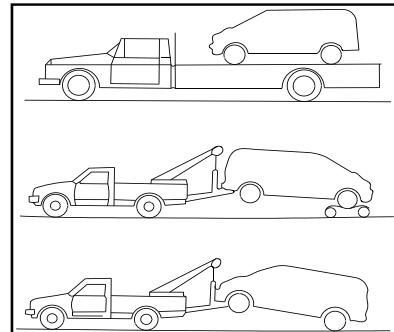
inDFSK franchise stores.

Trail vehicle

If you trail your vehicle, you must comply with local regulations. Wrong towing equipment could damage your vehicle. To ensure right operation and avoid accidental damage, DFSK suggest the service people trail your vehicle. Before operation, the service people should read the following attention items.

Trailing precautions:

- When trail the vehicle, make sure the gearbox, steering system and power system in normal condition. If any parts damaged, the vehicle must be trailed by small platform trailer or flatbed trailer.
- We suggest that the driving wheel should be off the ground when trail the vehicle.
- Make sure fasten safety rope before trailing.



DFSK trailing suggestion

Trail 2WD vehicle models

The front wheels on the ground:

DFSK suggest: the front wheels must be fixed on the small platform trailer or flatbed trailer as illustrated.

Manual gearbox mode:

If you have to trail and hang the front wheel of manual gearbox vehicle, please operate as following procedures:

Turn the ignition switch to the "OFF" position.

Hold the steering wheel with a rope or something similar to the front

direction.

Engage into neutral position.

Release the handbrake.

Fasten safety rope whenever trail vehicle.

The rear wheels on the ground:

Turn the ignition switch to the "OFF" position.

Engage into neutral position.

Release the handbrake.

Fasten safety rope whenever trail vehicle.

Four wheels on the ground:

DFSK suggest: place the vehicle on a small platform trailer or flatbed trailer before trail the vehicle, as illustrated.

Manual gearbox mode:

If you have to trail manual gearbox vehicle with four wheels on the ground, please operate as following procedures:

⚠ Warning

Don't trail vehicle backwards while four wheels on the ground.

Turn the ignition switch to the

"OFF" position.

Engage into neutral position.

Release the handbrake.

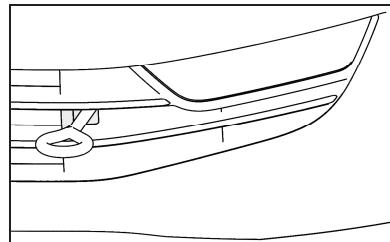
Get rid of dilemma

⚠ Warning

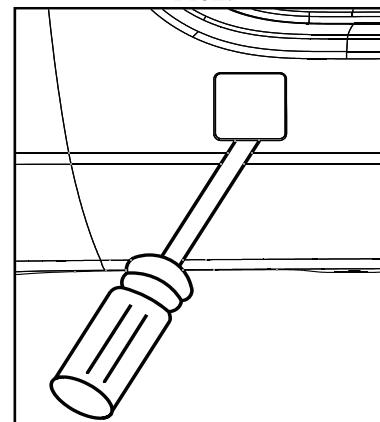
- Keep anyone away from the trail rope when in transit.
- High-speed tire skid is not allowed. Otherwise may cause puncture and personal injury. The vehicle parts may be overheated and damaged.

When the tire into the sand, snow or mud, unable to self-rescue, trailer tow hooks must be used.

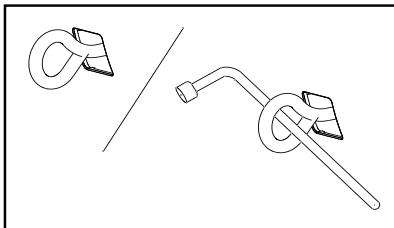
- Hang the rope only on the trailer hook, not other part of vehicle, otherwise may damage the vehicle.
- The trailer hook can only rescue one vehicle.
- When use trailer hook to help the vehicle get rid of dilemma, the hook will withstand very big force. Cable must be pulled out from the vehicle in front, not from a side angle.



Front



Rear



trailer hook.

- ① Remove the hook cover from the bumper.
- ② Fix the trailer hook tightly as illustrated. (Store the hook together with the jack)

Fix the trailer hook properly in storage area when everything is done.

Don't trail the vehicle with rear

VII、The appearance and maintenance

Vehicle cleaning

As for keeping cleaning outlook, it is important to take correct maintaining way.

Intend to parking your vehicle in garage or somewhere with shield which prevent your vehicle painting be damaged.

When park vehicle outside in shield and take some covers to protect your vehicle painting not be damaged.

Washing vehicle

If happen following situation and wash vehicle in short time to protect vehicle painting :

- After raining, prevent acid rain cause some damage.
- After driving on beach, wind causes some corrosion.
- After drive on beach, when soot, bird droppings, leaves, metal particles or insects pollute paint, the wind may cause corrosion.

When dust or mud adhesive in the paint

1. Wash car surface with a damp sponge and plenty of water.
2. Use a mild soap powder, special vehicle clean soap powder or universal detergent solution mixed with

clean warm water (not hot water) wash car surface.

⚠ Warning

Do not use strong household cleaners, powerful chemicals, gasoline, or solvent to clean vehicle body.

- In direct sunlight or high temperature body not wash vehicle, which may be water damage painting.

1. Avoid using close flannelette or coarse cloth, such as car washing gloves. When removing the caked dirt or other foreign material have to be careful, not to scratch or damage to the paint.
2. With plenty of clean water wash vehicles
3. Use wet deerskin dry paint and avoid traces of water

When wash vehicles, pay attention to the following matters :

- The door flange, joint and inside of the folds and openings are particularly damaged by salt of road. Therefore, these areas must be cleaned regularly
Confirm the door trim drain hole cannot be blocked
- Use water washing chassis and wheel cover, which make dirt material and road salt cleaning.

Remove spots

Cleared asphalt, oil, industrial fallout, resin, leaves from the body paint surface in short time, and prevent permanent damage or spots. The DFSK authorized service station or any other car shop is selling those cleaning products.

Waxing

Waxing could protect paint, and keep new appearance. Suggest polishing after waxing, remove the residual wax avoid weathering.

The DFSK authorized service station could help you select the appropriate waxing products.

Warning

Before waxing, please clean vehicles

Please use wax according to wax manufacturer's instructions.

Do not use vehicle wax products containing abrasives, cutting lubricant or detergent formula, which damages the appearance of the vehicle.

Using mechanical polishing on bottom will make paint excessive wear, traces of swirling.

Glass

Use glass cleaner to clear the smoke and dust on the glass film when the vehicle under the strong sunlight glass will form the surface dust film. Take glass cleaner and soft cloth could be easily to remove the film.

Chassis

In winter some road would sprinkle salt, vehicle chassis must be clean regularly which avoid dirt and salt accumulation, prevent rust chassis and suspension system.

In winter and spring, must check the sealing of the bottom of the car. If necessary, have to seal again.

Wheel

When maintain vehicles, need to wash wheel.

When change wheels or wash vehicle chassis, need to clean the inside wheel.

When wheel washing, do not use abrasive cleaner.

DFSK suggest using wax protecting in winter wheel which have saltroad.

Alloy wheels

Especially in the winter where have salt road, need dip with mild soap powder and wet sponge wash wheel. If there is no regular cleaning, wheel may fade by road salt.

Warning

Please follow instructions operation to avoid the pollution and fade :

Do not use with strong acid or alkali cleaner to clean the wheel.

- At high temperature not wash wheels. The temperature of wheel keeps same as in air.

Within 15 minutes after using cleaner to wash detergent on wheels.

Chrome plated parts

Please use the corrosion of chrome plated polishes to wipe all the chrome plated parts, to keep polishing.

Vehicle inside cleaning

Please regularly use vacuum cleaner or soft brush to clean the car interior trim panels, plastic parts, and the dust on the seats. With mild soap water and soft cloth to wipe plastic and leather surface, then use dry soft cloth to wipe.

Regular cleaning could keep good appearance of the leather.

Before using any of the fiber cloth protectant, please read the manufacturer's instructions. Some fiber cloth protectant containing certain chemicals may be contaminated or bleached fabric seats. Only could use wet soft cloth clean combination instrument cover.

Warning

Do not use volatile oil, thinner, or any similar solution. Small dust particles will wear and damage to the leather surface should clear regularly. Don't use soap leather, wax, polishing agent, oil, cleaning fluid, solvents, detergents or detergents containing ammonia, because these could damage natural leather surface.

Not use fiber cloth, unless is manufacturers recommend protective agent.

Combination instrument not use a glass or plastic lens cleaner. Otherwise it may damage the lens surface

Glass

Use glass cleaner to remove smoke and dust film on the glass. When the vehicle is parked in strong sunlight, the glass surface will form a thin film of dust. With glass cleaner and a soft cloth could easily remove this film.

Warning

When cleaning the inside of the windows not use sharp tools, abrasive cleaners, chlorine disinfectant cleaner. This will damage the electrical conductivity, for example, live rear window defroster.

Safety Belt

Warning

- Do not let moist belt to roll back the retractor.
- Do not use bleach, dye or chemical solvents to clean seat belts, these substances may cause serious weakening the strength of the seat belt.

Belts could dip mild soapy water with a sponge to clean

Before use seat belt, you must let it completely dry in the shade (refer to first chapter, 'belts' instruction).

Rust-proof Protection

The main reasons causing the vehicle corrosion

- Water containing dirt and debris is accumulated in the body sections, or other parts of the cavity.
- Sand, paint or small gravel head caused by traffic accidents damage painting and other protective layer.

Environmental factors affecting the corrosion rate

Moisture

Internal floor piled sand, dust and water would accelerate the corrosion of the body. Wet carpet / floor mats in vehicle are not completely dry, and should get them outside waiting for completely dry which avoid corrosion of the floor.

Relative Humidity

In areas with high relative humidity, corrosion would be more serious.

Temperature

Temperature increase will accelerate poor ventilation corrosion rate.

Some area with temperature 0 °C above, rust will accelerate .

Air Pollution

Industrial pollution, coastal salt air, road salt sprinkled will accelerate corrosion. Salt on the road will accelerate the aging of paint.

Protect the vehicle from corrosion

- Frequent washing and waxing to keep the vehicle clean.
- You should always check if there is slight damage to the paint, and if there is damage, repair in time.
- Maintaining drainage holes beneath the door to smooth and avoid leaving water.
- Check if vehicle have accumulated sand, dust or salt. If there is sand, dust, or salt water clean them in time by water.



Warning

Not be hosed down dirty way to remove the cab sand or

other contaminants. Use a vacuum cleaner to clear.

Do not allow water or other liquid contacting with vehicle electronic components, otherwise electronic components may be damaged

Chemicals for removing snow and ice road surface has a strong corrosive. They will accelerate vehicle components (such as exhaust system, fuel and brake tubes, brake cable, floor and fender) corrosion and aging.

In winter, the vehicle must be cleaned periodically

For additional corrosion protection measures required in some areas, please consult DFSK authorized service outlet.

VIII、Maintenance and own operation

Maintenance requirements

Your vehicle designed for minimal maintenance requirements under longer time, to save you time and money. However, some routine and periodic maintenance is necessary to keep your vehicle has good mechanical condition, exhaust emissions and engine performance. Do required maintenance and general maintenance is the responsibility of the owner.

As the owner, you are the only person to ensure your vehicle receiving good care; also you are most important part of the maintenance.

Regular maintenance

For your convenience, the required regular maintenance items are described in the warranty manual, please refer to this manual to ensure your vehicle be performed regularly necessary maintenance.

General maintenance

General Maintenance is vehicle

inspection items of daily operations. For the correct operation of your vehicle is absolutely necessary for these items. Regularly perform these procedures is your responsibility.

Perform general maintenance checks just have general mechanical knowledge, and use few common tools.

These checks can be done by yourself, a qualified technician or DFSK authorized service station.

Any available service

If you need warranty service, or when your vehicle fails, DFSK authorized service station checks and adjustments.

DFSK shops technician are well-trained professionals, who have technical presentations, repair instructions and sellers internal training courses to get the latest repair information. They are fully qualified to repair DFSK vehicle in the maintenance of your vehicle before. You can trust DFSK service station, they can provide the best

service to meet your requirements for vehicle maintenance, reliable and economical.

General Maintenance

During daily use of vehicles could be performed regularly according maintenance requirements prescribed in this chapter. If you notice any unusual sounds, vibrations or smell, be sure to find out why, and be quickly to DFSK authorized service outlets do check. If you think you need service, please notify DFSK authorized service station.

When performing any inspection or maintenance work, need to read the "Maintenance Considerations" in the instructions carefully.

General Maintenance Description

Following with "*" marked items can be found more information in this chapter.

Vehicle Outside

Maintenance items be listed here must be on time, unless specified.

Doors and hood

Check all doors and hood could operate properly. Meanwhile make sure all locking safe and reliable. If necessary, lubricating hinges and locks. Ensure when the main plug hood release, deputy does not open the hood latch enable.

When driving on road sprinkling salt or other corrosive substances, regularly check lubrication.

Lighting *

Regularly clean headlights. Ensure headlights, brake lights, position lights, tail lights, turn signals and other lights could operate correctly and firmly fixed. Moreover, need to check lighting of headlamp.

Tire *

Before making a long trip, check the tire pressure with using a pressure gauge (including the spare tire), ifnecessary adjust the pressure in all tires to the pressure specified. Carefully check for damage, scratches or excessive wear.

Tire changing*:

Tires must be reversed once every

10,000 km (6,000 miles). However, the tire changing time may be relying on your driving habits and road conditions due to rounding.

Windshield

Periodically clean the windshield. At least every six months to check the windshield for cracks or other damage and be replaced by a qualified repair facility damaged windshield.

Wiper blades *:

If the wiper wipers not working, check for cracks or wear.

Vehicle Interior

Maintenance items listed in this section must be checked regularly, for example: perform regular maintenance or cleaning vehicles, etc.

Accelerating pedal

Check to make sure the smooth operation of accelerating pedal, ensure accelerating pedal no resistance force involved and uneven feeling, also ensure there is sufficient distance between carpet and pedal.

Brake pedal * :

Check to make sure smooth operation of the brake pedal, the pedal is pressed to ensure that when below in its proper clearance. Check the brake booster function. Ensure sufficient distance between carpet and pedal.

Parking brake *:

Check parking brake lever stroke appropriate.

Safe belt

Check all parts inspection belt system (e.g., tongue, positioning buckle, regulators and retractors) is working properly, smoothly and securely. Check if the seat belt cuts, abrasion, wear or damage.

Steering wheel

Checking whether the steering has unusual circumstances, such as free travel too large, heavy or abnormal sound turned.

Warning lights and sirens

Verify that all warning lights and sirens can work properly.

Windshield defroster

When operate heater or air

conditioner, check whether it is appropriate or sufficient quantity of air from the defroster outlet blow.

Windshield wiper and washer *

Check the wiper and washer can work, and confirmed the wiper under scratches.

Under the hood and body

Maintenance items listed here should be checked regularly (for example, check whether you need to add engine oil and fuel)

Battery *

Check the amount of electrolyte in each battery; it should be between in UPPER and LOWER. In the higher temperature region or in severe conditions driving your vehicle need check battery fluid level.

Brake fluid volume * : Confirm the brake and clutch fluid reservoir volume is between MAX and MIN line.

Engine coolant volume

Ensure the coolant level between the Max level and Min level.

Driving Belt of engine

Ensure the driving belt no wear, fatigue, crack and immersion oil.

Engine oil

Park the vehicle on flat ground; check the oil level after stop the engine.

Liquid leak

Check if there is any leak of the fuel, oil, water and other liquid under the vehicle after stop the engine for a while. And if the water drop is normal after using the A/C, please check and maintain for any abnormal leak and fuel gas.

Cleaning solvent for glass

Check if the cleaning solvent is enough in the reservoir.

Maintenance Considerations

Note

To be careful when checking and maintaining the vehicle in case

hurted or redamage the vehicle. Have your attention pls of the followls:

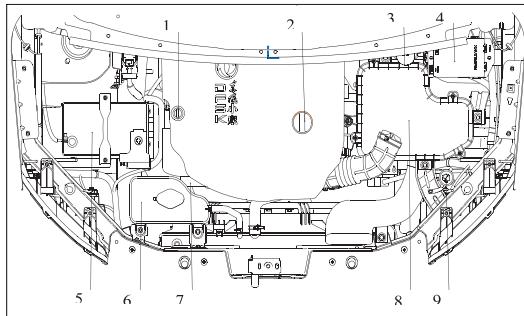
⚠ Warning

- Please park the vehicle on flat ground, ensure parking brake on. And gear select lever in “N”position.
- Ensure igniting switch OFF or LOCK when replacing or maintaining any part.
- When the engine temperature is high, please do not work under the hood. Please wait until the engine cool down.
- If some maintenance must be done when engine is running, please let hand, cloth, hair and tools far away from the fan, belt and any working part.
- Before any check or maintenance, please put off or tie your big cloth, and take off ring, watch etc.
- If run the engine in the close space like garage, please turn on the ventilator to take exhaust out.

- To work under the vehicle is not allowed if vehicle only supported by jack, except use tripod.
- Keep smoking, flame and spark far away from fuel tank and battery.
- Don't connect or remove the battery or transistor component when ignition switch is ON.
- (Multi-points Fuel Injection) engine, the maintenance for fuel filter or fuel pipe should be done by service station which authorized by DFSK. Because fuel pipe is with high pressure even when the engine doesn't work.
- Your vehicle equipped with automatic cooling fan, it will work anytime without any warning or even when the engine stopped, In case any hurt yourself, please disconnect the negative pole of the battery if you want to work beside the fan.
- Please don't disconnect any wire of the engine and gearbox when ignition switch is ON.
- Please wear glass to protect your eyes when checking or maintaining.
- Don't directly touch used engine oil and coolant. Engine oil or other kind of oil will harm the environment if dispose incorrectly. Please follow the local regulation to dispose the vehicle oil.

8. “Maintenance and any operations can be done by users”— Instruction for easy operations by users.

You must know, any improper maintenance or unfinished operation may cause the driving hard or emission unqualified, and may influence your right of the quality guarantee. If you are not familiar with any maintenance, please let the service station which authorized by DFSK to do.



Checking position in the engine cabin

1. Gauge of the engine oil level
2. Cover of oil filling
3. Reservoir for brake liquid and clutch liquid — Left hand drive
4. Fuse box
5. Battery
6. Water reservoir
7. Area of the driving belt
8. Air cleaner
9. Washer reservoir

Engine cooling system

⚠ Warning

- Please don't open the coolant reservoir when engine

temperature is high, the coolant overflow from the reservoir may cause your serious scald. Wait till the engine and radiator cooled.

- Engine coolant is toxic, must be stored with label and the children cannot reach.

Engine cooling system with original, high-quality, full-year used long-acting coolant. The coolant contain anti-corrosion and anti-freeze additive, so it is not need for any other additives.



Be careful

Try to use specialized coolant or similar mixing rate coolant of DFSK engine. Mixing rate as following:

Use other kind of coolant will

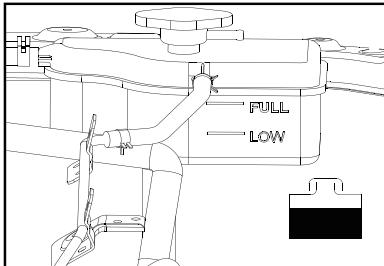
Outside temperature	coolant	Mineral water or distilled water
°C	°C	
-15	5	30% 70%
-35	-30	50% 50%

destroy engine cooling system.

For F505 model, engine cooling system is equipped with a pressure cover. Please use DFSK specialized reservoir cover or use similar quality cover replace when necessary in order to protect the engine.

Check coolant level

When the engine in cold condition, checking the coolant level. If the coolant level is below the minimum mark LOW, please add coolant till the level FULL. If the coolant reservoir is empty, please add coolant when engine in cool condition till the level FULL



If it need supplement coolant

frequently, please check at the service station which appointed by DFSK.

Change the coolant

Maintenance of cooling system must be conducted by service station which appointed by DFSK, the process for maintenance can refer to maintenance manual.

Incorrect maintenance or replacement of the coolant will cause the cooling effect reduced or engine overheated.

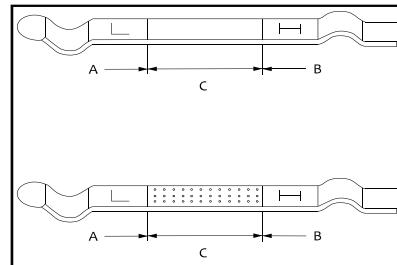
⚠ Warning

- To avoid scald, it is not allowed to change the coolant when engine temperature is high.
- To avoid serious scald caused by the coolant overflow, it is not allowed to open the coolant reservoir when engine temperature is high.
- Please wash your hand cleanly if the coolant drops on.
- Please put the coolant properly in case children

reach.

The coolant must be disposed properly, please refer to local regulation.

Engine oil



Check the oil level

1. Parking the vehicle on flat ground, pull the parking brake ON.
2. Start the engine till reach to working temperature(Around 5min).
3. Stop the engine.
4. Waiting at least 10min, let engine oil back to oil pan.
5. Take the oil gauge out and clean with cloth.

6. Put the oil gauge in.
7. Take the oil gauge out again, check the oil level which should be in the range of normal level C.
8. If oil level in the range of A, Please open the oil fill cover, add recommended oil, but not exceed the level of B, and please don't take the oil gauge out when filling the oil.
9. Recheck the oil level with gauge.

It is normal to add the oil during the period when the oil should be changed or vehicle is running in according to the specific situation of the engine.

Be careful

Check the oil level periodically. It would damage the engine when oil is not enough, and this kind of damage not included in quality guarantee.

Warning

- The used oil should be disposed properly. Don't put it

on ground, in drain and river. Disposed at dump by special facilities. Please refer to local regulation.

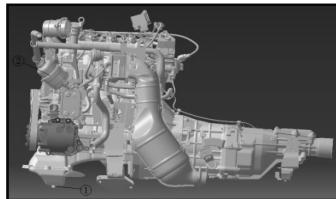
Change the oil by service Station suggested by DFSK

- Be careful when engine temperature is high.
- It may cause skin cancer if touch the oil long time and frequently.
- Don't touch the used oil directly. If drop on the skin, please wash with soap or cleaning detergent.
- Store the used oil in reservoir with mark, and children cannot reach.

1. Park the vehicle on flat ground, pull the parking brake ON.
2. Start the engine till reach to working temperature(Around 5min)
3. Stop the engine.
4. Waiting at least 10min let the oil back to oil pan.
5. Use jack or jack shelf to lift the

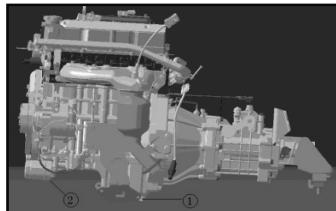
vehicle.

- Put the jack on the supporting point of the vehicle.
- Use the jack to lift the vehicle
- 6. Take off lower cover of the engine, and bolt, clip if needed.



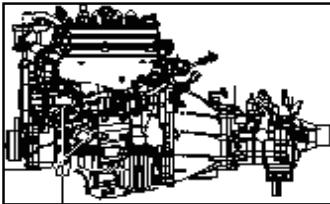
SFD12B engine

- ① Oil plug
- ② Oil filter



DK13-08 engine

- ① Oil plug
- ② Oil filter



DK15 Engine

- ① Oil plug
- ② Oil filter

Change Engine Oil and the filter

Put a big plate under the oil plug.
Remove the oil plug by spanner.
Take away the oil fill cover.
Drain all the oil and if need change the oil filter, please disassemble it this time.



Warning

The used oil must be disposed properly, please refer to local regulation.

Loosen the oil filter by spanner.
Take away the oil filter by hand.
Clean the mounting face of oil filter by cotton cloth.

Check the washer of oil filter is

aging.

Replace by new washer on oil filter.

Fasten the oil filter till a little hard, and then further fasten 2-3 circles by spanner.

Fastening torque for oil filter:

DK13-08 Engine

$15\pm3\text{N}\cdot\text{m}$

SFD12B Engine

$8.2\text{---}11.9\text{N}\cdot\text{m}$

DK15 Engine

$13\text{---}17\text{N}\cdot\text{m}$

Clean and reinstall oil plug and new washer. Fasten the oil plug by spanner, please don't overexert.

Fastening torque for oil plug:

DK13-08 Engine

$27.5\pm2.5\text{ N}\cdot\text{m}$

SFD12B Engine

$18\text{---}27\text{ N}\cdot\text{m}$

DK15 Engine

$25\text{---}30\text{N}\cdot\text{m}$

Fill the oil to recommended level.

(Please refer to 'Recommended fuel and lubricant and their volume'

in chapter 9).

Please don't take the oil gauge out when filling the oil.

Please install the oil fill cover carefully.

Start the engine.

Check if there is any leak of oil plug and oil filter.

Please dispose the used oil properly.

Please refer to local regulation.

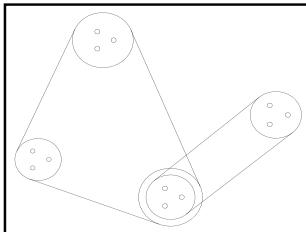
Check the oil level according to related process(please refer to the chapter 'Check engine oil level')

Environment protection

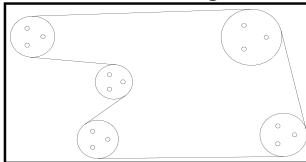
It's illegal to pollute the drain, river and land. Pls collect the used oil through qualified facilities, including the garage and the place which can dispose the used oil and filter. If any question, please inquire the authority.

Driving belt

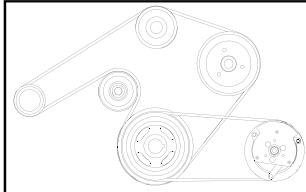
DK13 gasoline engine



SFD12B Diesel engine



DK15 Gasoline engine



Ensure the ignition switch is OFF, check if there is any abnormal wear, laceration and loosing for each belt. Check its status and tension periodically. Please change or adjust the belt at DFSK service station.

station if bad status or loosing.

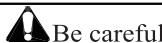
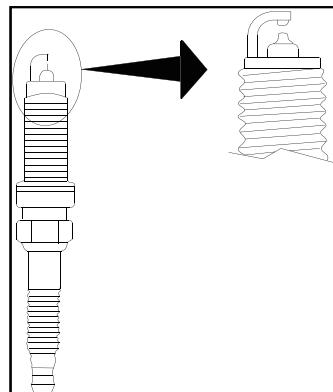
Sparkplug (Gasoline engine)



Warning

Ensure engine already stopped and Ignition switch is OFF, and parking Brake already pulled.

Refer to separate 『Maintenance manual』 to change the sparkplug. If need change, please contact with DFSK service station.



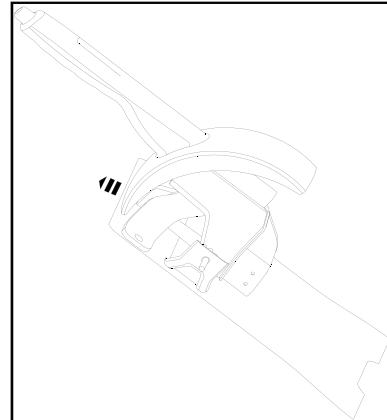
Be careful

- Please don't repeatedly use

the sparkplug by clean and adjust the clearance of used sparkplug.

- Please insist to use recommended sparkplug.

Brake

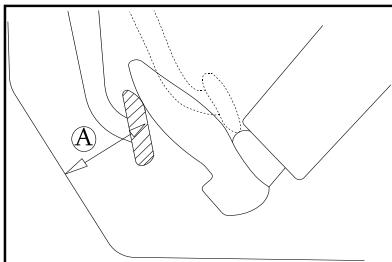


Check the parking brake

Type of the control lever.

From the position of release, pull the control lever. If the clicking sound is more than listed times, please contact with DFSK service station.

Clicking sound is 5 to 10
Tractive force 323N (33 kg,727b)



Check the brake pedal **Warning**

If the pedal is too high, can not return to normal position, pls contact with DFSK service station to check the brake system.

Please check the distance A between the upper surface of the pedal and vehicle floor. If the distance not included in the following list, please contact with DFSK service station.

Travel parameter of brake pedal			
status	Free trave	Workin g travel	Max trave

	1 (mm)	(mm)	1 (mm)
Normal	3~5	64	119
Abnormal	20~ 23	89~ 112	119

Self-adjustment brake

Your vehicle is already equipped with self-adjustment brake. Rear drum brake will adjust by itself when stepping on pedal each time.

A: 119mm (4.69 in) or the pressure less than 490N (50 kg, 1101b)

Vacuum booster

Please check the vacuum booster according to the following steps:

1. Stop the engine, step on the pedal several times, ensure the same travel of the pedal.
2. Step on the pedal and start the engine, the height of pedal should be a little reduced.
3. Step on the pedal, stop the

engine. Keep stepping on the pedal 30s; the height of pedal should be not changed.

4. Keep the engine running 1min, and don't step the pedal, and then stop the engine. Step the pedal several times. The travel should be reduced gradually along with the vacuum space reducing of vacuumbooster. If the brake system cannot work normally, please contact with DFSK service station.

Brake liquid

Warning

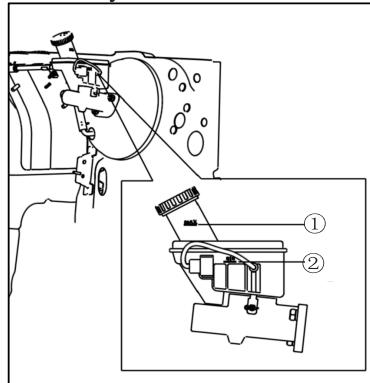
- Can only use new brake liquid form sealed bottle. Used, bad, or polluted brake liquid may damage the brake system and clutch system. Use incorrect brake liquid may damage the brake system and affect the braking function of the vehicle.
- Brake liquid is toxic, must be

stored in the bottle which cannot be reached by children.



Be careful

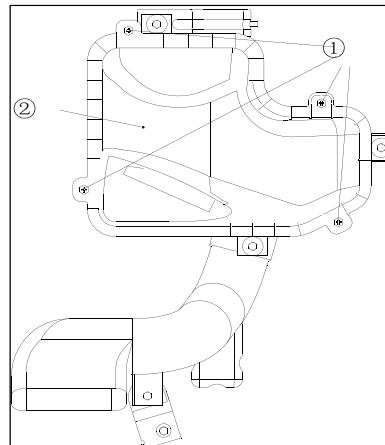
Brake liquid can damage the painting; don't spray the liquid on the painting. If any liquid on the painting, please wash it by water immediately.



Please check the brake liquid level. If less than MIN position ②, the warning light will be on, please add the liquid to the level of MAX position ① (Please refer to 'Recommended fuel and lubricant

and their volume' in chapter 9). If the liquid need be added frequently, please check the brake system at DSFK service station.

Air filter



Warning

You or other people may be burn when operating the engine which without the air filter. The air filter not only can clean the air, but also can keep the flame out when engine is exhausting. If without the

air filter on engine, you may be burn when engine is exhausting. So it is not allowed to drive and be careful working beside the engine if without air filter.

Change the air filter, loosen ① bolt, pull ②.

Air filter of nonwoven cloth type can be cleaned and reused. Please change the air filter according to the guaranty manual. Please use wet cloth clean the case and cover of the air filter.

Wiper blade

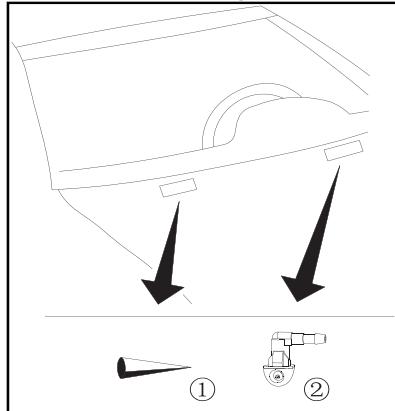
Clean the wiper blade

If windshield glass is not clean or wiper make the noise, that maybe caused by wax or other stuff on the windshield glass or wiper blade.

Use wiper fine or neutral detergent washes the outside of windshield glass. It means clean when there is no droplet during wash by water. Please use cloth with wiper fine or neutral detergent to clean the wiper

blade, and then wash by water. If the windshield is still not clear wiped by cleaned wiper blade, the blade should be changed.

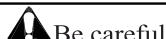
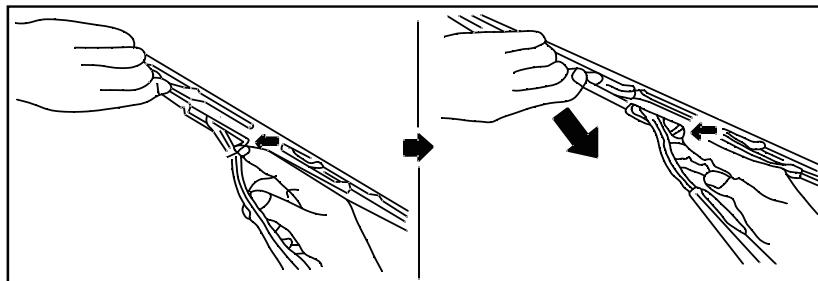
- the wiper blade.
- 3. Take out of the blade.
- 4. Put new blade on wiper arm.



Please be noted that don't block the ① nozzle of the sprayer, it may affect the sprayer. If the nozzle blocked, please get through by needle and don't damage the nozzle.

Change

- 1. Hold up the wiper arm.
- 2. Press the pin and disassemble

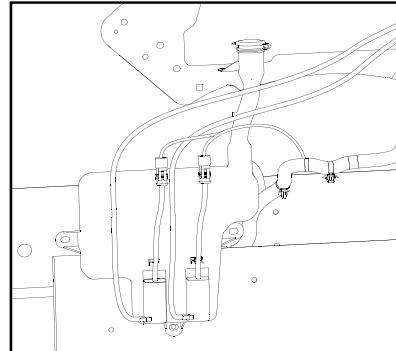


Be careful
Restore the wiper on original position, otherwise the wiper arm or the hood might be damaged.
The worn blade can damage the windshield glass and influence the sight line of the driver.

The way to check the rear wiper blade: similar with front wiper

children cannot reach.
Check the cleaning liquid level
Periodically, add it if necessary.

Add additive is useful. Please add anti-freeze liquid in winter according to the manufacturer's instruction of anti-freeze mixing requirement.



The motor of the wiper can be damaged if without the cleaning detergent, and cannot use anti-freeze liquid replace the cleaning detergent, otherwise the painting would be damaged.

Cleaning detergent of the window

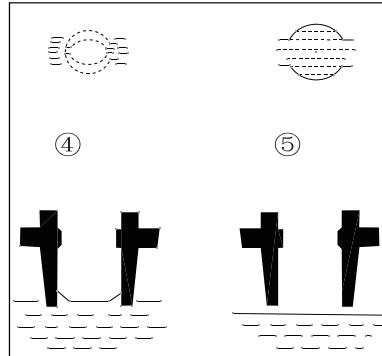
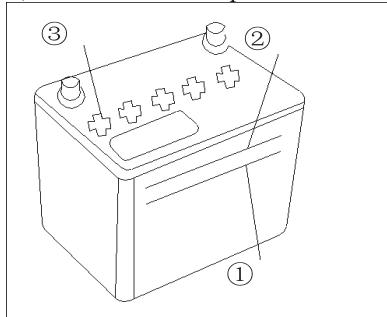


The cleaning anti-freeze liquid is toxic, stored in the reservoir that

Mark		⚠ Warning	
①		No smoking No fire No spark	Cannot smoke around the battery, and don't expose the battery with fire and spark.
②		Protect your eyes	Be careful when handling the battery, wear eye protection glass in case hurt your eyes.
③		Far away from children	Ensure the battery far away from children.
④		electrolyte	Please don't let the electrolyte touch your skin, eyes, cloth or the painting. Please wash your hand after touch the battery or its cover, If the electrolyte enter your eye or touch your skin or cloth, please wash by water at least 15min, and go to the hospital immediately. Electrolyte is acid; it would hurt your eye sight or skin.
⑤		Read the instruction	Please read the instruction carefully before handle the battery to ensure correctly and safely to handle.
⑥		Explosion gas	The battery can make explosive hydrogen.

Battery**Car battery**

When the battery level is too low, it is forbidden to operate vehicles. Low battery level can cause the battery high load, reduce battery life, and sometimes explode.

**Check the battery electrolyte level**

Check the battery electrolyte volume in each group. Battery fluid level should between lines of **UPPER LEVEL** ① and **LOWER LEVEL** ②.

If you must add electrolyte, only distilled water was added, the liquid is added to each filler specified location. Do not add too full.

1. Remove the battery plug ③ using a suitable tool. (optional feature)

2. Add distilled water to make the liquid level reaches the line of **UPPER LEVEL** ①.

If the battery at the side is not clear, please check above distilled water from a single cell: Condition ④ means **OK**, condition ⑤ means need to be added.

3. Tighten the battery plug.

- At high temperatures or harsh environments should often check the electrolyte volume of battery.
- Keep the battery surface clean and dry, and if any corrosion should use so solution to clean.
- Confirm the terminals clean and keep them clean.
- If the vehicle is not used for 30 days or longer, the negative battery terminal "-" must be Remove to prevent battery depletion.

JUMPSTART

If you need to jumpstart, refer to '6. Emergency measures' section of the 'jumpstart'.

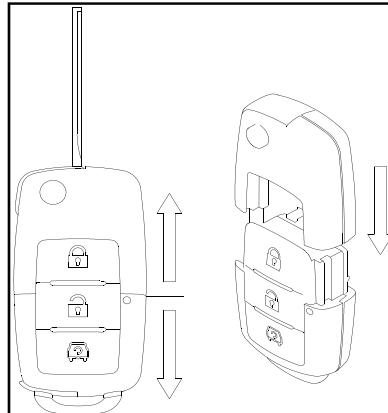
If you are still unable to start through a jumper to start the engine, the battery may need replacing, contact an authorized service station of DFSK.

Remote Control Battery

Battery replacement

⚠ Warning

- Please don't let the children swallowing batteries and removed part.
- Improper handling of waste battery will damage the environment, please abide by local regulations relevant cell processing.
- When replacing the batteries, pay attention not to let the dust or oil viscosity on the battery.
- The lithium battery replacement of misconduct is dangerous, only with the same or similar type of battery replacement.
- The smart key battery.



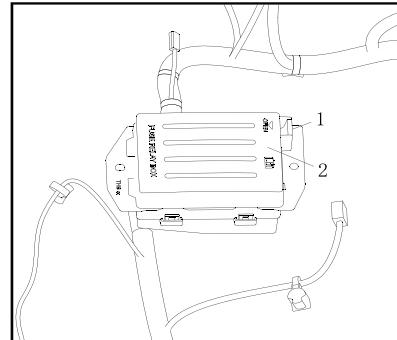
Remote Control Battery replacement

1. Pry along with the icon position carefully by flat tool;
2. Replace with the recommended new battery;
3. Thrusting, until the fastening.
- Do not touch the inside circuit and electronic connectors, otherwise it will cause trouble;
- Ensure that the (+) pole side against the box bottom.

If you need any help, please

contact DFSK after sale service.

Fuse



The engine compartment

⚠ Be cautious

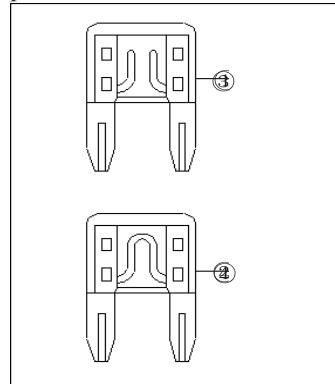
Do not use fuse with higher or lower amperage than the requirement on the fuse box cover. Otherwise it may damage the electrical system or cause a fire.

If any electrical appliance does not work, please check whether the fuse has blown it.

If all the electrical equipments cannot work normally, please check whether the fuse is a

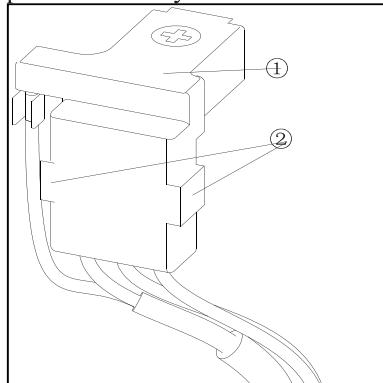
circuit.

1. Make sure the ignition switch in the 'OFF' position.
2. Confirm the headlamp switch in the 'OFF' position.
3. Open the engine hood.
4. Press the convex①, and raise the fuse box cover②.
5. Find the fuse that need to be replaced.
6. Extract fuse with plugging device in fuse box.
7. If the fuse has blown it ③, replace with a new fuse ④.



If after the new installation of fuse

again, please check by DFSK authorized service outlets and repair electrical system.



Battery fuse box

If the fuse is good but electrical equipment cannot work normally, please check the fuse box①. Use tools to pry open the locking plate, so that you can check the fuse inside the box. If the fuse is burned out, please replace the same type of fuse.

To check and replace the fuse box, please go to the authorized DFSK station.

Cockpit

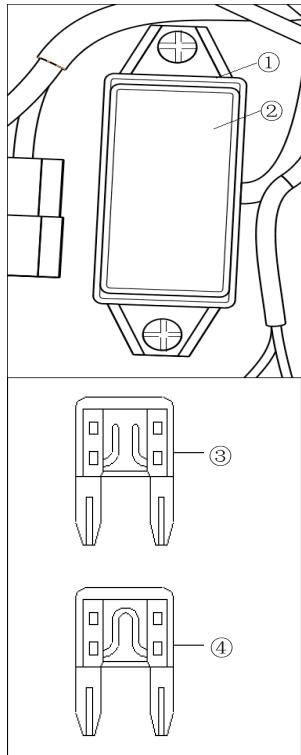


Be cautious

Do not use fuse with higher or lower amperage than the requirement on the fuse box cover. Otherwise it may damage the electrical system or cause a fire. If any electrical appliance does not work, please check whether the fuse has blown it.

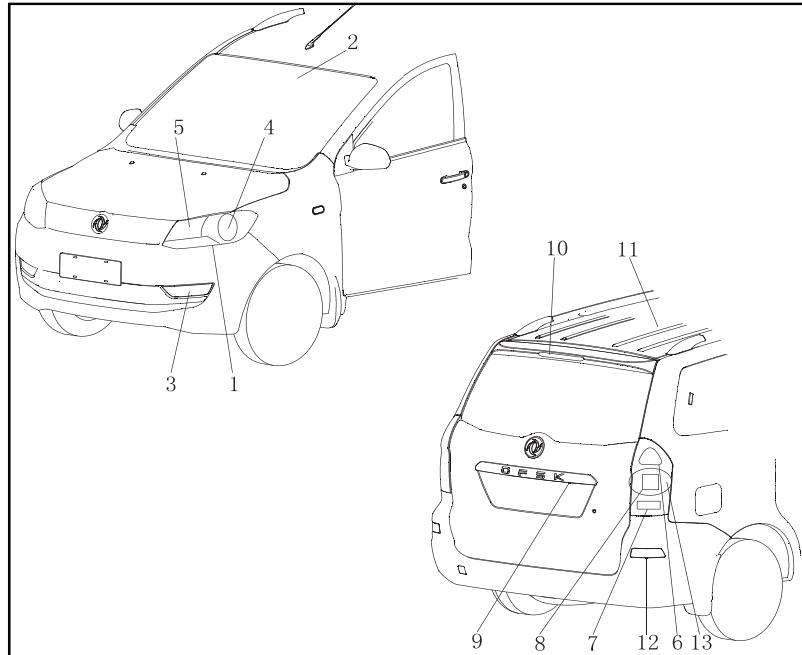
If all the electrical equipments cannot work normally, please check whether the fuse is a circuit.

1. Make sure the ignition switch in the 'OFF' position.
2. Confirm the headlamp switch in the 'OFF' position.
3. Open the fuse box cover②.
4. Find the fuse that need to be replaced.
5. Extract fuse with plugging device to check whether the fuse has blown it.
6. If the fuse has blown it ③, replace with a new fuse ④.
7. If after the new installation of fuse at once, please contact DFSK authorized service station to check.



Lamp

1. Direction indicator lamp



2. Front reading light
3. Front fog lamp
4. Dipped headlamp
5. High beam
6. Stop lamp
7. Left fog lamp /Right reversing lamp (LHD) Left reversing lamp /Right fog lamp (RHD)
8. Direction indicator lamp

9. Number plate light
10. High mount stop lamp
11. Rear indoor light
12. Reflector
13. Position lamp

Headlamp

In the rain or a car wash, fog will be formed temporarily in the lamp. This is due to the temperature difference between internal and external of lamp, and is not a fault. If there are a large number of water droplets in the lamp, please contact the designated franchise of DFSK. The replacement of halogen lamp is a half-closed light type with replaceable (halogen) headlamp bulb which can be replaced through the engine compartment without removing the headlamp group.

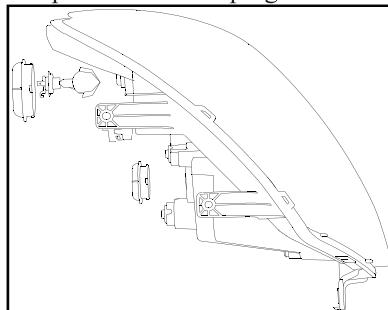
⚠ Be cautious

Halogen bulb is sealed with high pressured halogen gas. If the bulb glass is scratched or fell on the ground, the bulb may rupture, and may cause an explosion, should be particularly careful. Bulb is very

hot when just off, can cause injury or burns to the skin, should be taken with a clean soft cloth while it is cool. If the bulb burned out frequently, it shows that the circuit has a problem, should contact DFSK maintainers to check.

Check

1. The ignition switch is in the 'OFF' position, remove the battery negative (-) line.
2. From the headlamp bulb rear pull line bundle plug-ins.



3. Remove rubber cover.
4. Springto pushforwardthe cardto makedecoupling,openedto remove and replace

the headlight bulb retainer.

5. In accordance with the reverse order of disassembly, install new lighting.

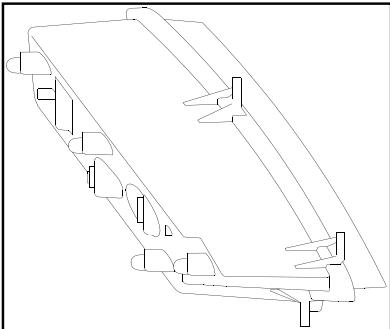
⚠ Be cautious

- When taken, put the bulb; do not touch the glass part of the bulb.
- Use the same size and with the original bulb wattage bulbs.
Halogen head lights models
High beam bulb: 55W (H1)
Dipped headlamp bulb: 55W (H7)
- The front head light bulb on a detached residence time not too long, otherwise the dust moisture or smoke may enter the headlight body and affect the performance of the headlamp.

After replacing the bulb, usually do not require calibration. Calibration adjustments when needed, please contact the designated DFSK service stations.

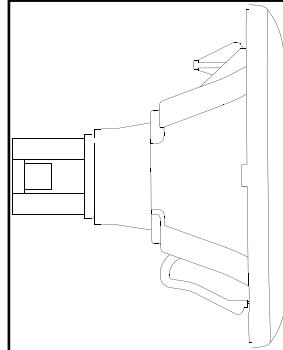
Front fog lamp

Front fog lamp



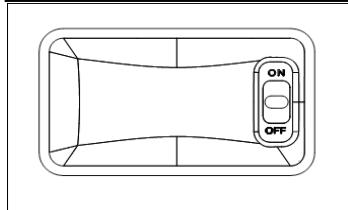
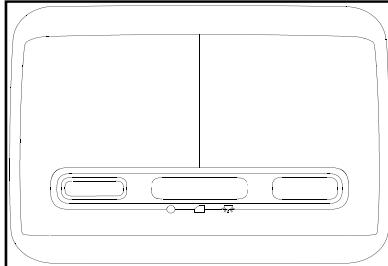
- 1 Remove the front grille;
- 2 Remove the front bumper;
- 3 Unplug the connector;
- 4 Remove the rubber seal;
- 5 spring pushed forward the card to make decoupling, opened retainer, remove and replace the front fog lamp.

Direction indicator lamp

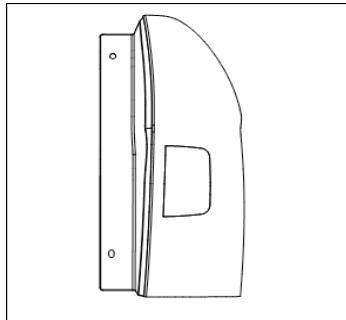


Push forward the fixed foot, makes decoupling, remove the lid backwards; you can remove and replace the bulb.

Front reading light and Rear indoor light



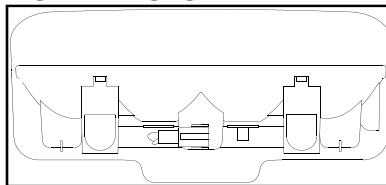
- 1 Remove the shade;
- 2 Remove the two screws;
- 3 Unplug the connector.

Rear combinationlamp

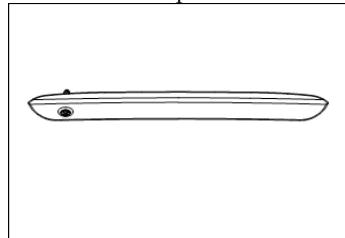
- 1 Remove the two screws;
- 2 Unplug the connector;
- 3 Remove the rubber seal;
- 4 Rotating cap, move the cap from the shell and replace the bulb.

When replacing, contact an authorized service station of DFSK for repairs.

Attachment: power of lightbulb inside and outside the car

High braking light**Standard**

- 1 Remove the shade;
- 2 Remove the two screws;
- 3 Unplug the connector;
- 4 Remove and replace the bulb.

**Luxury features**

- 1 Remove the tail;
- 2 Unplug the connector;
- 3 Cancel two bolts;
- 4 Replace the brake lights.

Lights outside the car

Item	Wattage (W)
Front reading light	15
Rear indoor light	5
Front direction indicator lamp	21
Front position lamp	5
Front fog lamp (Optional)	55
Side direction indicator lamp	5
Rear combination lamp	
Direction indicator lamp	21
Braking lamp/Rear position lamp	21/5
Rear fog lamp	21
Reversing lamp	21
High braking light	20/3.6
License plate light	5

Front direction indicator lamp	21
Front position lamp	5
Front fog lamp (Optional)	55
Side direction indicator lamp	5
Rear combination lamp	
Direction indicator lamp	21
Braking lamp/Rear position lamp	21/5
Rear fog lamp	21
Reversing lamp	21
High braking light	20/3.6
License plate light	5

Lights inside the car

Item	Wattage (W)
Front reading light	15
Rear indoor light	5

Tires and wheels

If air less tire, see '6.Emergency measures' section of the 'flat tire'.

Tire inflation pressure

Regularly check tire pressure, including the spare one. Incorrect tire pressure could affect tire life and vehicle operations. Tire pressure must be checked when the tire is cold. When the vehicle has been suspended three hours or more, or less than 1.6 km driving distance (1 mile) shall be considered as cold tires, cold tire pressure is shown on the tire pressure label.

In adequate tire pressure could cause tire overheating and internal damage. At high speeds, may lead to tread separation and even a puncture.

Tire type



Be cautious

When replacing or updating tires, make sure all tires have the same type (i.e.: summer tires, all-weather tires or snow tires) and structure. DFSK authorized service station can provide you with information about tire type size, speed rating and supply.

Replacement tires rated speed may be lower than the original tires, not necessarily equal to the car's speed limit, not to exceed the maximum amount of tire speed driving.

All season general tire

All season general tires fitted on individual models can be used throughout the year, including the snow season. All season general on the sidewall of the tire

indicates ALL SEASON tires or M & S. All season general tires in snow and icy road shave good performance. Snow traction snow tires would be better than all-weather tires, but it is special in some areas.

Summer tires

DFSK designated summer tires provide superior driving performance under normal weather conditions. Summer tires in the snow or on ice, its performance will be significantly reduced. Tire walls are not marked with tire load level M & S. If you plan to travel in snow or icy conditions, DFSK recommend that you use all four tires are snow tires or all-weather tires.

Snow tires

If necessary when using snow tires, you must select the size of the load with the original series

quite spare tires. Otherwise it will affect the safety and operating performance of your vehicle.

Generally, snow tires are tires progress ion rate lower than the original, and may not match the potential maximum speed of the vehicle. Not exceed the maximum speed grade of the tires. If you increase the traction icy roads, studded tires may be used. However, in some countries or regions prohibited. Before installing studded tires make sure local regulations. Studded tire use on wet or dry pavement, it may slip and tracking capabilities than non-studded tires badly.

Tire chain

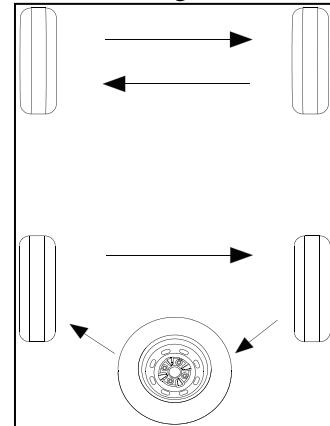
Some areas may prohibit the use of tire chains. So before installing snow chains please check local

regulations. When installing chains, confirmed dimensions fit your vehicle tires and snow chains installed according to the manufacturer's recommendations. When the chains manufacturer has suggested, you can use a chain tension to maintain the installation tightness. Chains slack side of the connection piece must be fixed or removed to prevent damage to the fender or chassis whiles winging. Also, low speed, otherwise it may damage your vehicle, and /or affect handling and performance of your vehicle.

Snow chains must only be installed on the rear wheels, cannot be installed on the front wheels.

When there is no snow on the road snow chains cannot be installed. Because some of the stress causes damage to the

vehicle mounting snow chains agencies traveling in the road.



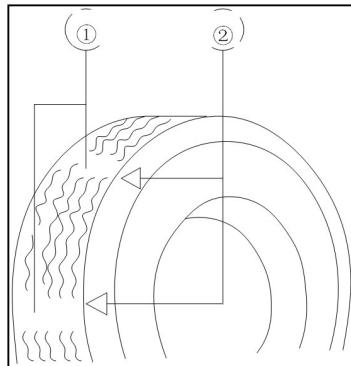
Tire swap

DFSK suggest that tires reversed once every 10,000 km(6,000 miles). Refer to '6.Emergency measures' section of the 'flat

tire' tire replacement program.

⚠ Warning

- after tire rotation, adjust the tire pressure.
- After the tire swap, and after vehicle driving 1,000 kilometers(600 miles) you should adjust for the tire pressure and re-lock the wheel nuts(also do this when tire is flat).
- Improper selection, installation, maintenance, or maintenance for vehicle tires will affect the risk of accidents and injuries security. If in doubt, consult an authorized service station of DFSK or tire manufacturer.



① wear indicator
② wear indicator position mark

Tire wear and damage

Tires must be checked

periodically for wear, cracks, swelling or objects caught in the tread. If there is excessive wear, cracks, swelling and deep cuts, tires must be replaced.

Original tires have tread wear indicator①. When you see the wear indicator, the tire must be replaced. Wear indicator of the position indicator by the position instruction②.

Incorrect use of the spare tire will cause serious injury, if necessary spare tire repair, consult DFSK franchise stores.

Tire life

Tires that are more than 6 years, regardless of the old one and the new one, are not available.

Tires would be aging with time and usage. Please periodically check the tires and do balancing

test in authorized service station of DFSK. Inform service station conditions occurred.

Replacing tires and wheels



Warning

Do not install any deformed wheel and tire, even though they have had maintenance. Such wheels or tires could have structural damage and may occur failure or malfunction without any warning.

When replacing tires, use the original tires of the same size and speed rating and load capacity of the tire. (See Chapter 9, "tires and wheels" in the technical information). Use tires beyond recommendation or mixed use other tires of different brand,

structure(diagonal tires, bias-belted tires, radial tires, etc.), or tread pattern will affect driving, braking, handling, ground clear an gap, body and tires, chains clear an cerate meter calibration, headlight and bumper beam angle height. These effects may result in an accident and could result in serious personal injury. Whether the replacement wheel for any reason, you must replace the same offset wheels. Different wheel offset will cause premature tire wear. Reduce vehicle handling characteristics, and /or interfere with the brake. Interference with the brake will cause reduced brake efficiency and /or early wear of the friction plate.

Wheel balancing

Unbalanced wheel can affect vehicle handling and tire life. Even normal use, the tire will be unbalanced, so the wheel balancing test must be carried out periodically as needed. When making balancing test, the wheels must be removed from the vehicle. Front wheel is installed in the car idling for balancing may cause transmission damage.

Spare tire

Conventional spare tire

With a standard tire on your car (it has the same wheel size).

Regular maintenance

The following table is the routine maintenance program. Depending on the weather and air conditions, different road conditions, driving habits and vehicle personal use, you may need additional maintenance or shorten the service interval. After completing the table last regular maintenance, periodic maintenance should be similar.

Gasoline maintenance cycles and maintenance of content('A' -checked or adjusted, 'L' - lubrication, 'R' - the replacement, 'I' - view, if necessary, should be adjusted or replaced, 'T' – by special torque wrench check)

Usage cycle should be judged according to the odometer or month, following whichever comes first	Km×1000	2.5	10	20	30	40	50	60	70	80
	Months	2	12	24	36	48	60	72	84	96
1*	Water pump belt and alternator belt(check elasticity and abrasion)	A/ R	A/ R	A/ R	A/ R	A/ R	A/R	A/R	A/ R	A/ R
2*	Intake and exhaust valve clearance	A	A	A	A	A	A	A	A	A
3*	Tightening torque intake, exhaust manifold fixing nuts and bolts	T	—	T	—	T	—	T	—	T
4*	Oil Filter	To replace every 5000km (kilometers) driving								
5	Gasoline engine oil									
6	Fuel hose and fittings(hose aging, cracking)	I	I	I	I	I	I	I	I	I

	or damaged joints)									
7	Cooling system hoses and fittings (leaks, etc.)	I	I	I	I	I	I	I	I	
8*	High-tension cord(deterioration and damage)	I	I	I	I	I	I	I	I	
9*	Spark Plug	To replace every 5000km (kilometers) driving								
10	Gasoline pipeline(oil leaks)	I	I	I	I	I	I	I	I	
11	Air Filters	Asphalt road	To clean every 5000km (kilometers) driving, To replace every 40000km (kilometers) driving							
		Dirt road	To clean every 2500km (kilometers) driving, To replace every 20000km (kilometers) driving							
12	Throttle control cable	—	IL	IL	IL	IL	IL	IL	IL	
13	Fuel Filter	To replace every 5000km (kilometers) driving								
14	PCV valve	A/ R	A/ R	A/ R	A/ R	A/ R	A/R	A/R	A/ R	
15*	Clutch release bearing air travel	I	I	I	I	I	I	I	I	
16	Transmission gear oil(check oil spill case horizontal)	I	I	I	I	I	I	I	I	

Diesel Maintenance Items Table (○—Check or adjust, repair or replace if necessary; ♦—Replace)

Maintenance cycle	Following whichever comes first											
	Months	-	6	12	18	24	30	36	42	48	54	60
Maintenance items	Odometer reading (×1000km)	1	10	20	30	40	50	60	70	80	90	100
Check the front wheel belt if there is abnormal working conditions		○	○	○	○	○	○	○	○	○	○	○
Check the intake and exhaust system tightness		○	○	○	○	○	○	○	○	○	○	○
Replace the air filter		○	♦	○	♦	○	♦	○	♦	○	♦	♦
Replace the engine coolant		○	♦	○	♦	○	♦	○	♦	○	♦	♦
Drain the water in the fuel filter		Every 10000 km or follow the indicator										
Replace gear oil of manual transmission		○	♦	○	♦	○	♦	○	♦	○	♦	♦
Replace the oil filter		♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

Check the oil level height	○	○	○	○	○	○	○	○	○	○
Replacement of oil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Replace the fuel filter	Every 20000 km									

Special Note: The above maintenance plan is formulated for use as conventional car condition, if under the conditions of use of unconventional vehicles; each maintenance period should be shortened. Especially at close range or cars often use low-temperature region, the number should be increased to replace oil; dust in the air with a high amount of cars in areas used by the appropriate increase in the number of clean air filter or direct replacement.

Chassis and body maintenance

<Regular maintenance>Abbr.: I=Check and adjust or replace as needed, R=Replace, L=Lubricating.

Maintenance operations		Maintenance intervals												Reference page or title
By mileage or months for maintenance(not on a first quasi-)	km×1000	5	10	15	20	25	30	35	40	45	50	55	60	
	Months	3	6	9	12	15	18	21	24	27	30	33	36	
Bottom of the vehicle and under the hood														
Brake and clutch fluid(check the fluid level and leaks)		I	I	I	I	I	I	I	I	I	I	I	I	
Brake fluid★					R				R				R	
Vacuum brake booster tube, connector and a one-way valve					I				I				I	
Brake system		I	I	I	I	I	I	I	I	I	I	I	I	
Clutch system		I	I	I	I	I	I	I	I	I	I	I	I	
Exhaust System		I	I	I	I	I	I		I	I	I	I	I	
Shaft gear oil(check the fluid level and leaks)		I	I	I	I	I	I	I	I	I	I	I	I	
Rear axle reduction gear oil		I	I	I	I	I	I	I	I	I	I	I	I	

Steering gear and linkage, axle and suspension parts and drive shaft★		I	I	I	I	I	I	I	I	I	I	I	I	
External and internal														
Wheel alignment(if necessary, bet rams posed and wheel balancing)			I		I		I		I		I		I	
Brake linings, brake drums and other brake parts★			I		I		I		I		I		I	
Brake pads, brake discs and other brake parts★		I	I	I	I	I	I	I	I	I	I	I	I	
Door locks, hinges and hood lock pins★		I	I	I	I	I	I	I	I	I	I	I	I	
Belts, buckles, crimpers, anchor bolts and regulator			I		I		I		I		I		I	
Foot brake, parking brake and clutch(check the free play, stroke and handling)		I	I	I	I	I	I	I	I	I	I	I	I	
Air Conditioner Filter★			R		R		R		R		R		R	

Note:

Maintenance items marked with an asterisk should be based on 'Maintenance under severe driving conditions' more frequently.

Maintenance under severe driving conditions (gasoline engine)

Mileage warranty mentioned last page applies to normal driving conditions. If the vehicle is mainly under

harsh conditions with the following, you must follow the following items in the table below more frequent maintenance.

Harsh driving conditions:

- A Driving in dusty environments
- B Repeated driving in the short distance
- C Towing a trailer or caravan
- D Prolonged idling
- E Driving in extreme weather condition sort raveling in low or high ambient temperature region
- F With high humidity areas or mountain
- G Traveling in the use of road salt or other corrosive substances regions
- H Rough muddy roads or driving in the desert species
- I Frequently using the braking or driving in the mountains
- J Frequently driving in areas with water

Maintenance operations: check=check and adjust, replace when necessary

Driving conditions										Maintenance items	Maintenance operations	Maintenance problems	Ref. Page
A										Air Filters	Replace	More frequent	
A	B	C	D							Engine oil and oil filter	Replace	More frequent	
				F						Brake fluid	Replace	More frequent	

						G	H			Steering gear and linkage, axle and suspension parts and drive shaft	Check	More frequent	
A		C				G	H	I		Brake pads, brake discs and other brake parts	Check	More frequent	
A		C				G	H	I		Brake linings, brake drums and other brake parts	Check	More frequent	
						G				Door locks, hinges and hood lock pin lubrication	Lubricating	More frequent	
A										Air Conditioner Filter	Replace	More frequent	

Fuel/lubricants and capacity recommendation

The following table is about the capacity, the actual amount may vary slightly raised. When filling, refer to "8. Maintenance and operation of its own to do" for filling standard.

Items	Specification			Filling volume					
	DK13-08	DK15	SFD12B	DK13-08	DK15	SFD12B			
Fuel	93#above, premium gasoline to meet emission requirements for vehicle usage	#93above, premium gasoline to meet emission requirements for vehicle usage	0#above, premium Diesel to meet emission requirements for vehicle usage	50L	50L	50L			
Oil	Above 15 °C withSF15W-40 15 °C ~ -15 °C withSF10W-30 -15 °C or less(winter alpine region) withSF5W-30	Above 15 °C withSF15W-40 15 °C ~ -15 °C withSF10W-30 -15 °C or less(winter alpine region) withSF5W-30	Above 15 °C with CI-4 15W-40 -15 °C or less(winter alpine region) with CI-4 5W-40 (with engine)	3.5±0.1L	3±0.1L	3.5±0.1L			
Transmission gear oil	85W-90 GL-5 (General)			1.5±0.1 L	1.5±0.1 L	2±0.1L			
	80W-90 GL-5 (winter alpine region)								
	75W GL-5 (Winter Arctic region(with engine))								
Rear axle	85W-90 GL-5 (General)			1.3±0.1L					

differential gear oil	75W GL-5 (Winter Arctic region(with axle))			
Coolant	“-20 #”Glycol-based engine coolant(general)	5.5L	7.5L	
	“-40 #”Glycol-based engine coolant(winter cold areas)			
window washing liquid	-20 # (General)	2.5±0.1L		
	-35 #(winter cold areas)			
The brake fluid	HZY3 GB12981-2003	0.6±0.03L		
Air conditioning refrigerant	R415b	For vehicle with double air conditioner, fill volume is 400±20g		

1 See chapter described the ‘Recommended SAE Viscosity chart’.

★ 2 Use DFSK engine coolant FD-40 products, in order to avoid the use of non-original aluminum engine coolant causing the engine cooling system corrosion.

Note: Because the use of non-original engine coolant caused damage not warranty the engine cooling system, even if a failure occurs during the warranty period.

★ 3 If there is no pure DFSK gear oil GL-5 75W/90, API GL-4, Viscosity SAE 75W-80 can be temporarily used instead, but try to use pure DFSK gear oil.

4 Do not mix different types of brake fluid (HZY3 and HZY4).

IX、Technical information

Fuel / lubricants and capacity recommended

Fuel recommended

Gasoline engine (with catalytic converters)



Warning

Do not use leaded gasoline, which will damage the catalytic converter. Please use the 93# and above unleaded premium gasoline.

Original national standard IV stage gasoline in Beijing were adjusted, from 90 to 89, 93 to 92, 97 to 95. According to authoritative testing organizations test study, gasoline after adjustment label applies to the original label; vehicles in Beijing area could use the adjusted gasoline, and in other places please continue to use the original grade motor gasoline.

The car is in line with the GB18352.3-2005 limit values and measurement methods for emissions (national IV stage) of the vehicle,

which has reached normal level of emissions of the national IV standard. Please use the gasoline of 93# or above and which meets the national IV emission standard. If use other types of fuel, which will allow exhaust performance deterioration, and may make an engine ault indicator (MIL) light.

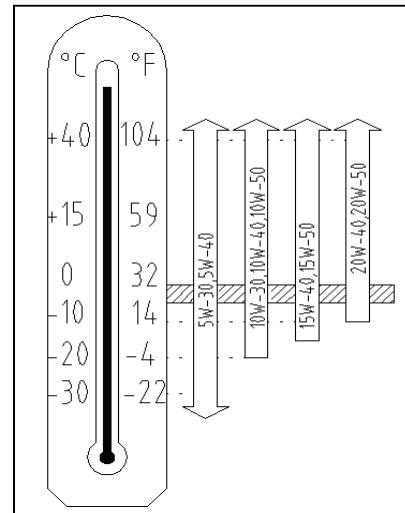
Diesel engines

Use the national standard IV diesel which is in accordance with the GB 19147 standard provisions (based on regional differences, the use of fuel grades hall be not lower than specified in GB 19147 State IV vehicle standards).

Warning

- Do not use home heating fuel, heating gasoline or other fuels in the engine, which will cause engine damage.
- Do not use the summer diesel when the temperature is lower than -7 °C (20 °F). Low temperature will cause the formation of a wax

fuel. It may interfere with the normal operation of the engine.



Recommended SAE viscosity chart

Engine Oil:

5W-30 Diesel engine oil is the best.

If you do not have 5W-30, you can choose from a range of outside temperature viscosity chart. The oil should comply with GB

11122C1 level in more varieties of oil and diesel.

Air conditioning system refrigerant and lubricant recommendations

DFSK air conditioning system of the vehicle must be filled with

DFSK air conditioning system lubricant and refrigerant R415B-type, or with entirely equivalent. The use of any other type refrigerants or lubricants cause serious damage or even

need to replace the entire air conditioning system on the car. In many countries and regions prohibit the discharge of refrigerant to the atmosphere, refrigerant R415B by your vehicle using ozone destruction potential (ODP) is very small, only about 1% of R12's. The greenhouse effect potential (GWP) value is about 7% of R12, about 40% of R134a. DFSK recommended refrigerant recycling. When the need to repair air-conditioning system, please contact authorized DFSK service network.

Specification and form of the elastic member of the suspension

Form	Specification
Longitudinal leaf springs	Five leaf spring
Trailing arm coil springs	φ14.5x250

Tires and wheels

Tire Size	Standard	175/70R14 185/65R14
	Spare tire	Normal
Tire pressure(kPa)	185/65R14 (Front /rear tire)	210/240(Unloaded), 220/280 (Full load)
	175/70R14 (Front /rear tire)	220/240(Unloaded), 240/280 (Full load)

Wheel	Type	Size	Offset
	Steel wheel	14×5.5J	41.5 (1.63)
	Aluminum wheel	14×5.5J	41.5 (1.63)

Wheel alignment

Front Toe	$0=0.21^\circ$
Front-wheel camber	$0.5^\circ\pm0.5^\circ$
Kingpin inclination	$10.21^\circ\pm1^\circ$
Caster angle	$3.29^\circ\pm0.75^\circ$

The main technical parameters of the vehicle

Items		Parameters		
Quality parameters(kg)	Engine Model	SFD12B	SFD12B	SFD12B
	Displacement / Power	1248/55	1248/55	1248/55
	The maximum allowable total mass	1890	1865	1945
	Number of passengers	5-8	5	2,2+3
	The maximum allowable axle load distribution under the total mass(front axle /rear axle)	820/1070	800/1065	845/1100
	Rated contained mass	/	/	520,325
	Curb weight	1315	1300	1295
	Curb weight axle load distribution(front axle /rear axle)	705/610	700/600	700/595
	Outside dimensions length × width × height	4365×1720×1770,1790(With luggage rack)		4365×1720×1770
Size parameters	Track(front / rear)	1425/1445		1425/1445

(mm)	Front/ rear overhang	740/900		740/900
	Wheelbase	2725		2725
	Approach /departure angle(full load)	21.6/20		21.6/20
Vehicleheight of centroid (mm)		640/700		640/700
Minimum ground clearance (mm)		166(Unloaded)/161 (Full load)		166(Unloaded)/161 (Full load)
Minimum turning diameter (m)		11		11
Dynamic	The maximum speed (km/h)	145	145	145
	Start time shift accelerated to 400m (s)	22.6	20.1	22.9
	Steep climb performance	Gradeability (%)	30	30
Economy	Combined consumption (L/100km)	5.2	5.2	5.2

Items		Parameters		
Quality parameters(kg)	Engine Model	DK13-08	DK13-08	DK13-08
	Displacement / Power	1299/70.5	1299/70.5	1299/70.5
	The maximum allowable total mass	1835	1800	1855
	Number of passengers	5-8	5	2,2+3
	The maximum allowable axle load distribution under the total mass(front axle / rear axle)	750/1085	735/1065	760/1095
	Rated contained mass	/	/	520,325
	Curb weight	1235	1210	1205
	Curb weight axle load distribution(front axle / rear axle)	610/625	600/610	600/605
	Outside dimensions length × width × height	4365×1720×1770,1790(With luggage rack)		4365×1720×1770
Size parameters(mm)	Track(front / rear)	1425/1445		1425/1445

	Front/ rear overhang		740/900		740/900		
	Wheelbase		2725		2725		
	Approach /departure angle(full load)		21.6/20		21.6/20		
Vehicleheightcentroid (mm)			640/700		640/700		
Minimum ground clearance (mm)			166(Unloaded)/161 (Full load)		166(Unloaded)/161 (Full load)		
Minimum turning diameter (m)			11		11		
Dynamic	The maximum speed (km/h)		150		150		
	Starttimeshiftaccelerated to400m (s)		20.7	20.1	22.9		
	Steepclimbpeformance	Gradeability (%)	30		30		
Economy	Combined consumption (L/100km)		7.4	7.4 (MT), 7.2 (AMT)	7.4		

Items		Parameters		
Quality parameter(kg)	Engine model	DK15	DK15	DK15
	Displacement/power	1499/85	1499/85	1499/85
	Max weight allowed	1835	1800	1855
	Seats capacity	5-8	5	2,2+3
	Max weight allowed on Fr axle/Rr axle	750/1085	735/1065	760/1095
	Loading weight	/	/	520,325
	Curb weight	1235	1210	1205
	Curb weight on Fr axle/Rr axle	610/625	600/610	600/605
Size parameters(mm)	Dimension L×W×H	4365×1720×1770,1790(with luggage rack)		4365×1720×1770
	Tread (Fr/Rr)	1425/1445		1425/1445
	Fr suspension/Rr suspension	740/900		740/900
	Wheelbase	2725		2725
	Approach angle/Departure angle	21.6/20		21.6/20

	(full loading)		
Height of centroid (mm)		640/700	640/700
Min ground clearance (mm)		166(no loading)/161 (full loading)	166(no loading)/161 (full loading)
Mini turning radius (m)		11	11
Power	Max speed(km/h)	165	165
	Time from 0m to 400m (s)	20.3	18.9
	Climbing ability	30	30
Economy	Comprehensive fuel consumption(L/100km)	7.1	7.1 (MT) , 7.0(AMT)

Engine			
Engine Model	SFD12B	DK13-08	DK15
Max torque N·m	190	122	145
Rated power kW	55	70.5	85
Max net power kW	53.5±2.5	68±3.5	82
Type	Four cylinders in line, four stroke, water cooling, 4valves each cylinder	Four cylinders in line, water cooling, 4valves each cylinder, single top cam, electronic control fuel multi-points injection.	Four cylinders in line, water cooling, 4valves each cylinder, single top cam, electronic control fuel multi-points injection.
Cylinder position	In line	In line	In line
Cylinder size x stroke mm (in)	69.6×82	71×82	75×84.5
Displacement cm ³ (cu in)	1248	1299	1499
Idle rpm	750±20	750±50	750±50
Sparkplug	/	DK7RTC	LDK7RTC

Gearbox							
Model	035Y,SMR520A	MR513J, SMR513 C	MR513J, SMR513C ,	MR513J, SMR513C	MR51 5, SMR5 15	MR515, SMR515, SAR515A	MR515, SMR515
Rate for each gear	3.764,2.076,1.291,1.000, 0.862, 3.601 (R) 3.992,2.162,1.378,1.000, 0.862,3.601 (R)		4.425,2.722,1.792, 1.226, 1.000,4.722 (R)		3.992,2.172,1.434,1.000, 0.856,4.452 (R)		
Rate for main retarder	3.36		3.909		3.909		
Tire							
Tire	185/65R14 90S 175/70R14 88S		185/65R14 90S 175/70R14 88S		185/65R14 90S 175/70R14 88S		
Pressure for tire	185/65R14 90S: 0.21/0.24 (no loading), 0.22/0.28 (full loading) 175/70R14 88S: 0.22/0.24 (no loading), 0.24/0.28 (full loading)		185/65R14 90S: 0.21/0.24 (no loading), 0.22/0.28 (full loading) 175/70R14 88S: 0.22/0.24 (no loading), 0.24/0.28 (full loading)		185/65R14 90S:0.21/0.24 (no loading), 0.22/0.28 (full loading) 175/70R14 88S:0.22/0.24 (no loading), 0.24/0.28 (full loading)		
Rim	14×5.5J ET41.5		14×5.5J ET41.5		14×5.5J ET41.5		

Travel in other countries or register in other countries

Pls confirm if you can purchase suitable fuel for your vehicle when you are planning to travel in other countries or regions. It may cause the engine damage if use low octane number. So please ensure you can get suitable fuel whereever you want to go. And regarding the infomation of recommended fuel, please refer to the front content of this chapter.

Please confirm if the vehicle is in accordance with the local rules and regulations when you want to register in other countries, states, provinces or regions. Sometimes the vehicle can not conform to the local rules and regulations, but sometimes can through necessary modification of the vehicle to conform to the local rules and regulations. The users will responsible the necessary modification of the vehicle, transportation and registration when achieving the emission standard and safety standard or registration in each country, state, province and region.

VIN



DFSK MOTOR CO.,LTD.

Brand and model

VIN

Engine model

Engine displacement

Engine's maximum net powerkw

Maximum allowed weight kg

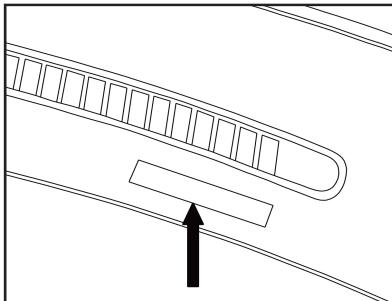
Passengers personmade in YY MM

VIN PLATE

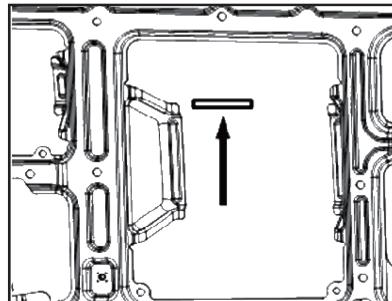
(VIN)

MARKPLATE

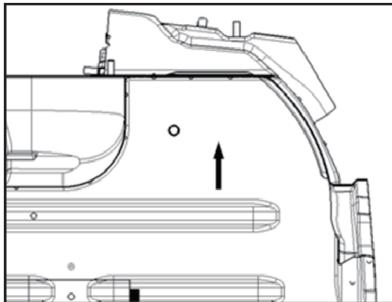
There is 8 places showing the VIN mark:



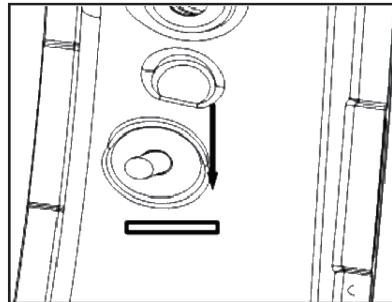
① In the front of dashboard (R)



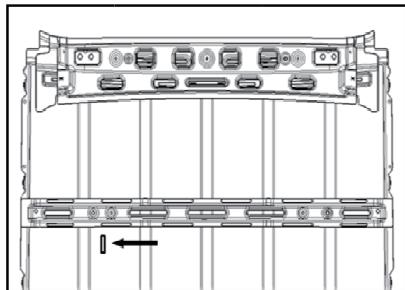
③ On the outside panel of Rear and Left side



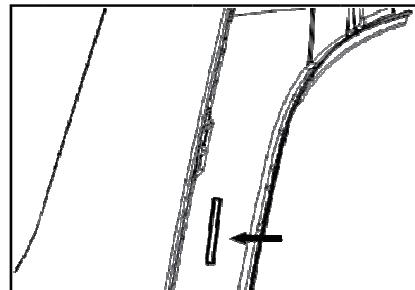
② On the rear floor



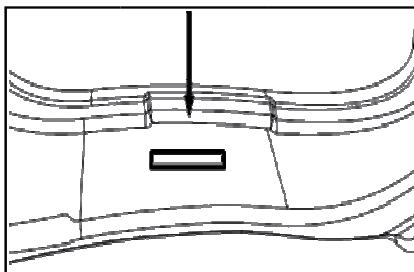
④ On the C pillar (L)



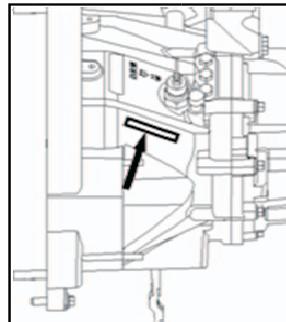
⑤ On the roof



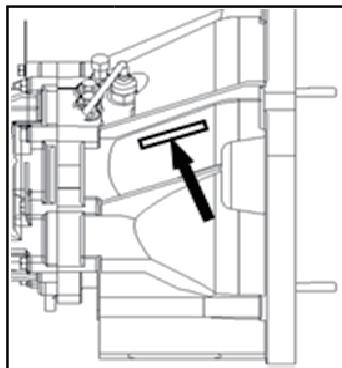
⑦ On the frame of back door



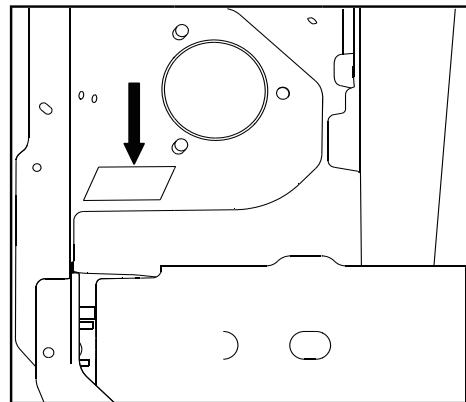
⑥ On the back door



⑧ On the gearbox (DK13)

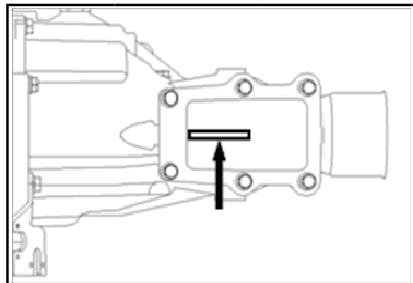


On the gearbox (DK15)



(VIN)

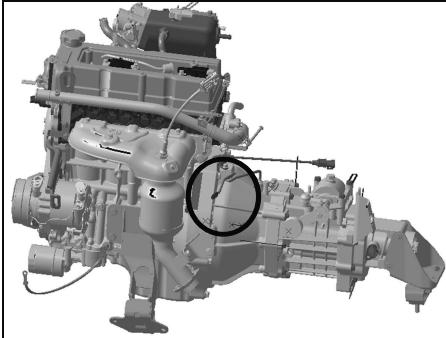
On the wheel cover of Front and Right side



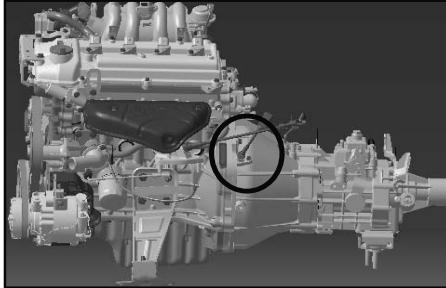
On the extension box of gearbox (SFD12B)

Engine number

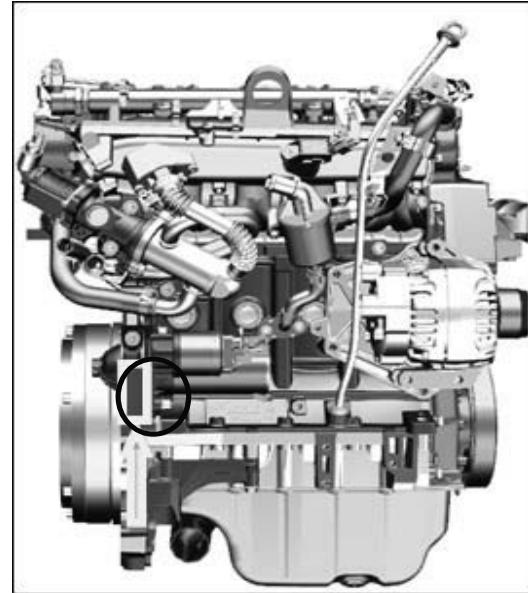
Printed on the engine:



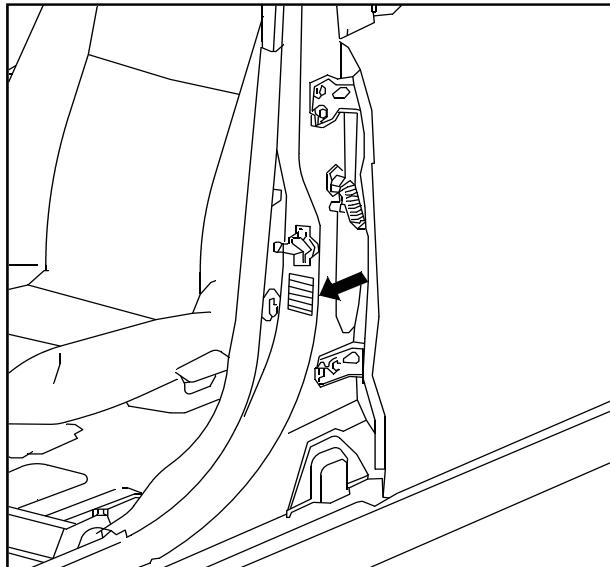
DK13-08 engine



DK15 engine

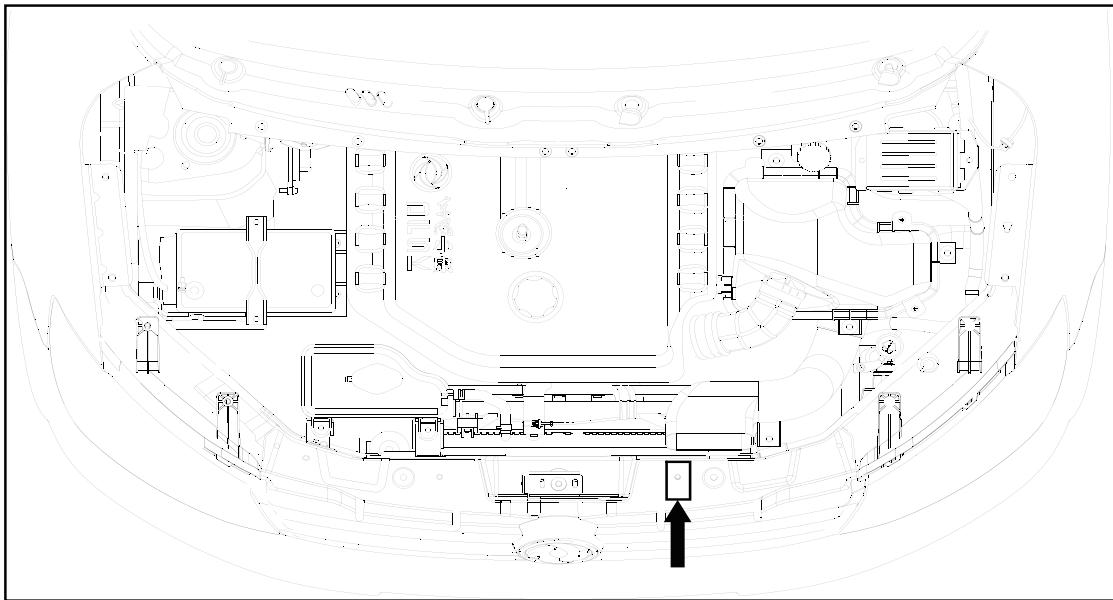


SFD12B engine



Tire pressure label

On the pressure label located at the middle pillar of driver side



A/C specification label (Option)

Under the hood