No.: SF001-DA-044

## iX5 Operation Manual

Version: A

Prepared by:
Checked by:
Standard:
Countersigned by:
Determined by:
Approved by:

Automotive Technology Center of DFSK Motor Co., Ltd.

Jan. 2019

#### **Preface**

Dear users, thank you for choosing DFSK automobiles manufactured by DFSK Motor Co., Ltd.!

The Manual provides the key information for you to know about the operation and maintenance of DFSK series. So, please read through it and use your car as required. If not to do so, your car or its parts may be damaged and accordingly your car's performance and durability will be affected.

The Manual is prepared for DFSK series, so some configurations are not found in your cars. Please be subject to your own car's configuration. Thanks for your understanding.

In consideration of the continuous development and improvement of products, in case of any modifications, we will publish on the website of DFSK Motor Co., Ltd. Within 6 months.

The "Maintenance Manual" will include the detailed introduction to vehicle repairing and maintenance.

If you has to repair or maintain your car, please timely get in contact with DFSK Special Service Center. All staff of DFSK Special After-sales Service Center will provide considerate and satisfactory service for you. We are pleased to accept your valuable views and suggestions.

DFSK Motor Co., Ltd. January 2019

#### **Key Safety Tips**

The following key tips are helpful for you and your passengers to enjoy a perfect journey.

- Don't drive after drinking or taking drugs.
- Please abide by traffic rules and regulations, drive under the limited speed, without speeding or overload.
- Fasten the seat belt at any time and use the proper child safety seat at the 2nd row seat.
- Please timely tell other passengers to correctly use the safety devices.
- Regularly read the Manual to master the key safety information.

#### Car Modification

Don't modify any auto parts, vehicle information and signs. The modification will impact the vehicle performance, safety or durability, and even violate the national laws and regulations. In addition, with regard to any damages or performance failure caused by modification, DFSK will not provide warranty.

#### **Reading Instructions**

The Manual is applicable to all types of this vehicle, including some optional configurations. Therefore, maybe you will find some information not applicable to your car.

All information, specification parameters and illustrations herein are in the specification when the Manual is printed, and DFSK reserves the right to modify the vehicle specifications or design at any time without any notice.

#### **Key Safety Tips**

#### **Reading for Safe Driving**

Please read through the Manual before driving which ensures that you can know about the requirements of control and maintenance and is helpful for your driving.

The Manual uses the sign of " warning", indicating that it may result in personal injury or other serious damages. In order to avoid or reduce dangers, please abide by it.

The Manual also uses the sign of " being careful", indicating it may result in light damage to person or vehicle. To avoid or reduce dangers, please abide by it carefully.

The sign of "A attention" means some information about help.

The symbol means "don't do it" or "prevent it





The arrow in the illustration means front of the vehicle.









The arrow in the illustration means movement or function.









The arrow in the illustration means attention to the item pointed by the arrow.

#### **Key Tips**

- Please go to DFSK Special After-sales Service Center for maintenance with your "Client Information Card" within 90±5 days or 2000±500km mileage (whichever is earlier) from the date upon purchasing the car. If not to do so, you will not be provided with three-guarantee warranty in case of any failure for the reason of no maintenance or improper maintenance.
- After performing the said maintenance, you are recommended to have regular maintenance at DFSK Special After-sales Service Center per 10000km or 5000±500km for the abnormal maintenance (such as desert or dusty areas), which is the key link of correct and reasonable use of car. The comprehensive maintenance can ensure a good technical status and prolong the car life. You are recommended to have maintenance at DFSK Special After-sales Service Center. If not to do so, you will not be provided with three-guarantee warranty in case of any failure for the reason of no maintenance or improper maintenance.
- Please don't modify any structure or function of DFSK series without permission. In case of any direct or indirect losses due to modification, addition or model modification, DFSK will not assume any liability.
- In order to ensure vehicle performance, please adopt the true DFSK parts. In case of any direct or indirect losses due to using of not true DFSK parts, DFSK will not assume any liability.
- In case of any quality problems during using the car, please send it to be overhauled by DFSK Special After-sales Service Center. If not to do so, in case of any losses due to any problems caused by repairing by others, DFSK will not assume any liability.
- DFSK Special After-sales Service Centers across China can ensure the technology supports and parts supply.

Your car can be provided with good maintenance and reliable quality guarantee, and you have the supervision right over the run-in maintenance, regular maintenance and repairing done by DFSK Special After-sales Service Centers. We are pleased to receive your comments or advices by phone or e-mail.

#### Key Tips

- Please carry with your "Client Information Card" when driving, so that we can provide services and helps for you at any time. If you lend your car to others, please handle such material to the new user.
- In case of any questions about the Manual during using your car, DFSK Special After-sales Service Center will make a detailed explanation for you.

DFSK Motor Co., Ltd.

E-mail:<u>dfskservice@sokon.com</u>

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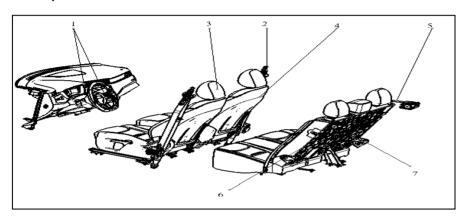
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Note: As per GB1589, the parts indicated by item 2 and 5 (soft parts), 8, 10 and 12 are not

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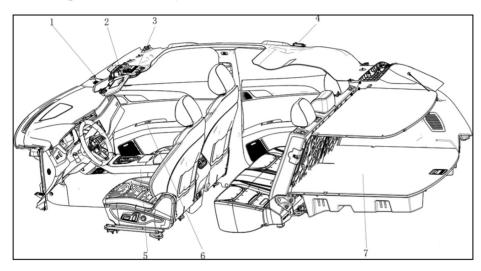
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Note: As per GB1589, the parts indicated by item 1 and 11 are not

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- 5. Brake light
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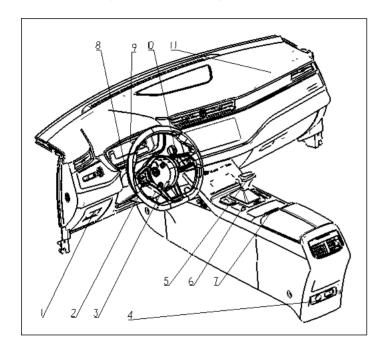
- 6. Position light (P.- 163 -)
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#### **Passenger Cabin**



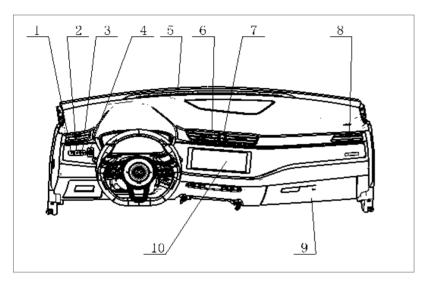
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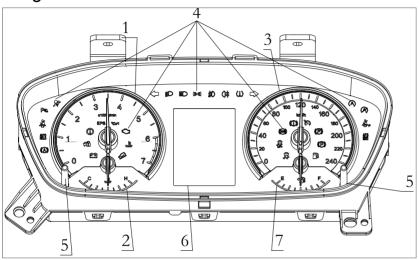
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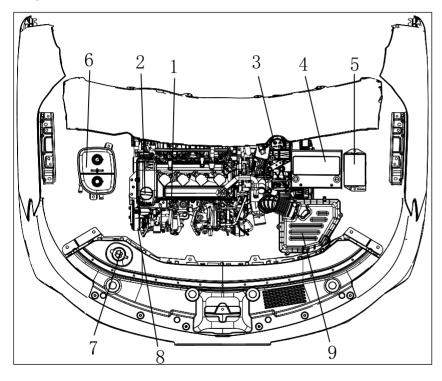
#### Illustration & Index

#### Integrated Instrument



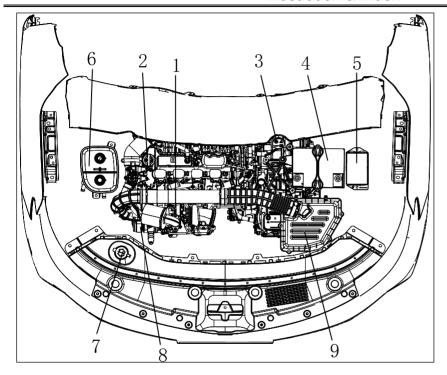
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- 7. Windscreen washer liquid pot (P.- 158 -)
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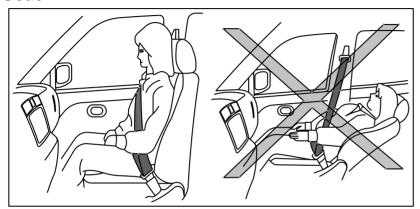
#### SFG18 Engine

- 2. Oil filler cap
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1. Engine oil dipstick (P.- 151 -)

## II. Safety Devices - Seat, Seat Belt and Supplemental Restraint System (SRS)

#### Seat



Warning

Don't upend the backrest when driving and taking the bus. It's dangerous. The seat belt cannot be used properly, so you and your passengers may be injured in the neck or other parts due to collision by seat belt in case of accident. You and your passengers also may get out of the seat belt and accordingly get serious hurt.

 The most efficient protection during vehicle driving is to keep the backrest upright.
 Keep your back on the backrest and adjust the seat belt to the property position. (See details in Chapter "Seat Belt")

Warning

When adjusting the seat position, don't touch any parts to avoid any potential injury or damage.

#### **Front Seat**

Marning

Don't adjust the seats on the driver's side during driving process, which will divert driver's attention from driving.

#### **Seat Adjustment**

Marning

After adjusting seat, slightly shake it to confirm if it is locked. If the seat is not locked, it will suddenly move and accordingly driver will lose control of the vehicle.

#### Front manually-adjusted seat



## Adjustment of Backrest Height

Pull up the adjusting handle outside the seat and release it when adjusting the seat to the proper height.

## Adjustment of Seat Longitudinal Position

Pull up the front and rear operating levers and release it when moving the seat to the proper longitudinal position.

### **Adjustment of Seat Height**Pull up the handle and adjust to

the proper height.

## Adjustment of Headrest Height

Adjust the headrest to the proper position while pressing the locking-release button and release the button to lock it.

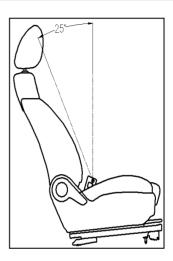
When adjusting the headrest, keep the center of headrest and the upper part of ear in a line as far as possible.

#### **Removal of Headrest**

Press the locking-release button and take out the headrest upwardly.

Front and rear position of seats and backrest angle status (while measuring seat cushion depth) Adjust the front seat to the last position, and keep the backrest being 25° against the vertical.

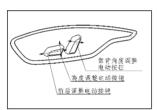
# Normal Use Status of Backrest Adjust the backrest to be 25° against the vertical after unlocking the adjustment angle, which is the normal use status of backrest.



#### Safety Devices - Seat, Seat Belt and Supplemental Restraint System (SRS)

## Front electrically-controlled seat





Adjustment of Backrest Angle Forwardly and backwardly use the electrical adjusting button outside the seat and release it when adjusting the seat to the proper angle.

## Adjustment of Seat Longitudinal Position

Forwardly and backwardly use the electrical adjusting button outside the seat and release it when the seat moves to the proper position.

#### **Adjustment of Seat Height**

Upwardly and downwardly use the electrical adjusting button outside the seat when adjusting the seat to the proper height.

## Adjustment of Headrest Height

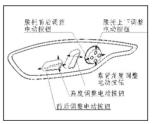
Use the method the same as that of front seat - driver seat (manually).

#### Removal of Headrest

Use the method the same as that of front seat - driver seat (manually).

## Front electrically-controlled seat (10-direction electric operation)





#### Adjustment of Backrest Angle

Forwardly and backwardly use the electrical adjusting button outside the seat and release it when adjusting the seat to the proper angle.

## Adjustment of Seat Longitudinal Position

Forwardly and backwardly use the electrical adjusting button outside the seat and release it when the seat moves to the proper position.

### **Adjustment of Seat Height**

Upwardly and downwardly use the electrical adjusting button outside the seat when adjusting the seat to the proper height.

Adjustment of Seat Waist Support Longitudinal Position Forwardly and backwardly use the electrical adjusting button outside the seat and release it when the seat waist support moves to the proper position.

## Adjustment of Seat Waist Support Height

Upwardly and downwardly use the electrical adjusting button outside the seat when adjusting the seat

waist support to the proper height.

## Adjustment of Headrest Height

Use the method the same as that of front seat - driver seat (manually).

#### **Removal of Headrest**

Use the method the same as that of front seat - driver seat (manually).

#### Rear seat

## Marning

- Don't apply the load over 20kg on the folding backrest.
- Don't damage the seat belt when folding the rear seats.
- When the seat is folding, prevent anyone from sitting in the baggage area or on the rear seats. Where passengers use the said areas without proper protection, they may

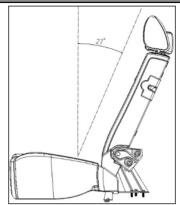
get serious hurt in case of accident or brake.

- Don't fold the rear seats during driving, because the person folding the seat may get hurt when the driver suddenly speeds down or up.
- The rear seats cannot be folded when there is anyone in the area of rear seats or there is baggage on the rear seats.
- The baggage shall be fixed properly to prevent from sliding or moving. Don't place the baggage at the place higher than the backrest.
- When returning to the original seat position, please confirm that the seat is secured at the locking position. If the seat is not fully locked, the user may get hurt in case of accident or sudden brake.

- The headrest shall be placed safely to prevent from tossing out in case of sudden brake or accident.
- The headrest shall be adjusted to the specified position to avoid the neck from injury. If the headrest is moved due to some reasons, timely adjust it and place to the original effective position.

Front and rear position of seats and backrest angle status (while measuring seat cushion depth) Keep the rear seats being 27° against the vertical.

Normal Use Status of Backrest Lock the backrest, and keep it to be 27° against the vertical, which is the normal use status of backrest.



Left split seat (rear seat)



The left split seat can be folded or flat.

#### **Folding Seat**

Its backrest cannot be adjusted, and it can only be folded and laid flat. Lock the headrest at the low limit position, pull the release handle of backrest to unlock it, and lay the backrest forwardly and keep it flat.

#### **Adjustment of Headrest Height**

Use the method the same as that of front seat.

#### **Removal of Headrest**

Use the method the same as that of front seat.

### Right split seat (rear seat)



The right split seat can be folded or flat.

### **Folding Seat**

Its backrest cannot be adjusted,

and it can only be folded and laid flat. Lock the headrest at the low limit position, pull the release handle of backrest to unlock it, and lay the backrest forwardly and keep it flat.

## Adjustment of Headrest Height

Use the method the same as that of front seat.

#### **Removal of Headrest**

Use the method the same as that of front seat.

#### Headrest

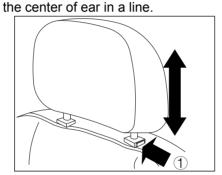


**Warning** 

Don't use the car when the headrest is dismantled, because it is dangerous. The correct use of

headrest can effectively reduce injury in case of accidents. Others shall timely check the headrest height after using it.

The correct method to adjust headrest is as shown in figure: When adjusting the headrest, keep the center of headrest and



- 1. Pull the headrest up to the proper position;
- 2. Push to deadbolt ① and press down the headrest to the proper position.

The use position of adjustable

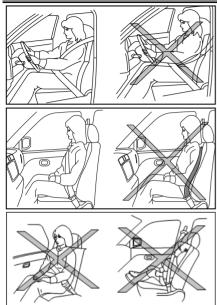
headrest can only be the position where the mounting stem groove is installed under the headrest. The lowest position of headrest is the place for mounting.

If it is necessary to take down the headrest when folding the seat, push the deadbolt and pull out the headrest. The headrest taken down shall be kept safely.

### **Seat Belt**

Notes for Seat Belt:

If you correctly tie and adjust the seat belt, sit straightly and lean back on the backrest, it is less possible for you to get hurt in case of accident, and the degree of injury will be greatly reduced.



DFSK recommends you and all passengers to fasten the seat belt at any time during driving process. You have SRS at your seat. However, if you fail to fasten the seat belt, you will get greater hurt

in case of accident.

### **A** Warning

- The seat belt is designed according to the load bearing of human skeleton, so the seat belt shall be across over the anterior inferior pelvis or pelvis, chest and shoulders rather than the abdomen. If the seat belt it not used correctly, you may get serious hurt.
- Fasten the seat belt around your hip comfortably rather than waist as low as possible.
   You may get internal injury if fastening the seat belt too high in case of accident.
- The same seat belt can only be used by one person. A seat belt assy. can be used by only one passenger. It is dangerous for a passenger to

- hold a child on knees and use the same seat belt with a child.
- The number of passengers cannot be more than the quantity of seat belts.
- Don't use the seat belt reversely. Don't twist the woven tape of seat belt, because it may reduce its capacity.
- Fasten the seat belt as far as possible when adjusting it, and consider comfort to meet the designed protection purpose. The loose seat belt will greatly reduce the protection for users.
- All passengers in car shall bear the seat belt all the time. The child shall be properly protected on the rear seat, and shall be provided with child safety seat if possible.

- Don't place the seat belt on the back or under arm. The shoulder tape of seat belt must go across the shoulders and chest. The seat belt shall keep away from face and neck, and it cannot fall down from shoulder. If the seat belt is not correctly fastened, you may get serious hurt.
- Any user cannot modify the seat belt or add any accessories, because it may hinder the seat belt adjusting device or affect the function of seat belt assy.
- Please get the seat belt free from wax, oil and chemicals, especially the electrolyte of battery. Use the soft soap and fresh water to clean it. If the seat belt is with burr, polluted or damaged, replace it without delay.
- In case of any collision, please go to service stations

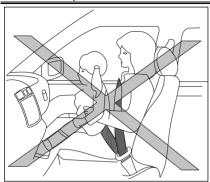
- authorized by DFSK for inspection of seat belt assy. including retractor and all accessories. DFSK recommends to replace the seat belt assy. used in collision, except that the collision is not serious, and the seat belt is not damaged and works normally. If finding that the seat belt not used in collision is damaged or out of normal operation, inspect or replace it.
- After serious collision, the assembly of seat belt used in collision must be replaced regardless of damage degree.
- After the pre-crash seat belt is used, it cannot be reused. The seat belt and its retractor must be replace together. Please get in contact with the service stations authorized by DFSK.

 Only the service stations authorized by DFSK can dismantle and install the assy. of pre-crash seat belt.

### **Child Safety Seat**

### **♠**Warning

- Infant and child shall be provided with the special protection. The seat belt in the car is improper for them. The shoulder tape will get close to their face and neck, because the lap belt is improper for their pelvis. In accident, the improper seat belt may result in serious or fatal injury.
- Use the proper child safety seat, because the child needs help and protection from adult. They need proper devices. Whether the protection is proper or not is based on their body size.



#### Infant

DFSK recommends that the infant should sit in the child safety seat. You should choose the proper car and child safety seat, and strictly install and use the child safety seat as per the specification.

Older Child Warning

- Prohibit the child from standing or kneeing down on any seats.
- During driving, don't let your child stay at cargo area. In case of accident or sudden brake, your child may get serious hurt.

The child is improper to use the child safety seat due to age shall use the seat belt. If the seat belt gets close to child's face or neck, use the auxiliary cushion (available in market). The auxiliary cushion shall jack up the child, to correctly position the shoulder tape, go across the upper and middle shoulder, and lower hip. The auxiliary cushion must be suitable for the seat. When the seat belt does not get close to the face and neck of the child, and the child can normally use the seat

belt, the child can use the seat belt without the auxiliary cushion. In addition, there are many child safety seat suitable for the older children, and such seats can protect them to the maximum extent.

### **Pregnant Woman**

DFSK recommends pregnant woman to use seat belt. The seat belt should be suitable for her, and the belt shall go across the hip rather than waist as far as possible. The lap belt shall go across the shoulder and chest. The shoulder tape or lap belt shall not go across the abdomen. Please consult your doctor for details.

#### The Wounded

DFSK recommends the wounded to use seat belt. Please consult your doctor for details.

### **Warning**

The driver or passenger shall use the seat belt all the time.

### **Three-point Seat Belt**



## Fastening of Seat Belt Warning

The backrest shall not be excessively slant for own comfort. The seat belt can only play the best role when the passenger sit closely against the backrest. Adjustment of Seat. (See details in Chapter "Seat") Pull out the seat belt from the retractor, insert the

spring bolt into the lock catch and confirm that the seat belt is locked.

The retractor of seat belt is designed for locking the seat belt in case of sudden brake and collision. Slowly pull the seat belt to remove it, and ensure that you can freely move when sitting on seat.



- 1. As shown in figure, make the belt across the hip
- 2. Pull the shoulder tape toward the retractor to ensure that it is properly loose. Ensure that

the shoulder tape goes across shoulder and properly across chest.

### **Unlocking of Seat Belt**



Press down the button of seat belt lock catch to enable the seat belt to goes back automatically.

## Inspection of Seat Belt Operation

The retractor of seat belt will lock the seat belt and limit its movement when:

 You pull the seat belt out from the retractor quickly; and

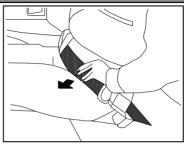
 You reduce the vehicle speed suddenly.

To securely use the seat belt, please make inspection as per the following: grasp the shoulder tape and pull it forward quickly, and then the retractor will lock the seat belt and limit its movement. If the retractor cannot works when you use the aforesaid inspection methods, please consult service stations authorized by DFSK.

### **Fastening of Seat Belt**

### **Warning**

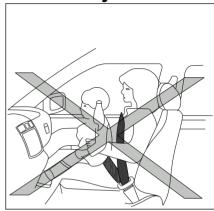
The backrest shall not be slant downwardly but stay at the pleasant position. The seat belt can only play the best role when the passenger sit closely against the backrest.



#### **Release of Seat Belt**

If you are to release the seat belt, press down the button on the lock catch. Lock the seat belt when the seat belt is not used to prevent it from getting stuck in door.

### **Child Safety Seat**



Notes for Using Child Safety Seat:

### **M** Warning

 During driving, the infant shall be provided with the proper child safety seat, because the improper child safety seat will cause serious injury or death.

### **Warning**

Remember: the child safety seat

left in the closed driver cabin may get very hot. Before placing child on the child safety seat, please check the temperature of the seat surface and its lock catch.

- DFSK recommends that the infant should sit in the child safety seat. You should choose the proper child safety seat. Don't hold the infant on your legs because the infant will be squeezed by you and the vehicle, and even the strongest adult cannot withstand the impact caused by accident. Don't share the same seat belt with your infant.
- DFSK recommends to install the child safety seat on the rear seat. According to accident statistics, it is safer

- for child to sit on the rear seat than on the front seat.
- If you do not use and install the child safety seat correctly, your child and passenger may get more serious injury and even death in accident.
- Please install and use the child safety seat as instructed by manufacturer. When choosing and purchasing child safety seat, please choose the one suitable for your child and car, because some child safety seat may be improper for your car.
- The direction of child safety seat is not forward or backward, but subject to the model of child safety seat and the size of child. Please refer to the detailed specification of child safety seat.

- You should adjust the backrest of child safety seat, and strictly install and use the child safety seat as per the specification. In addition, there are many child safety seat suitable for the older children, and such seats can protect them to the maximum extent.
- After installing the child safety seat, before the child sits on the child safety seat, shake the seat to check if the seat is secured by the seat belt. The movement of child safety seat shall not be more than 25mm. If the child safety seat is not secured, tighten the seat belt or secure it to other seats and check it again.
- Where the child safety seat is not used, please secure it with the child safety seat

anchorage or seat belt to prevent from tossing out in case of sudden brake or accident.

- If the front passenger seat is equipped with SRS, don't install the rearward-facing child safety seat. The SRS explosion will cause great impact. In case of accident, the child safety seat will get impacted, which will serious hurt the child, and even endanger the child's life.
- If there is a child safety seat locking system at the position of seat belt but it is not used.

the normal parking or braking may topple the child safety seat and accordingly hurt the child

## General Child Restraint System for All Seats

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

- Comply with the latest GB 27887-2011;
- Enable you child to sit in the child safety seat and check all adjustable parts to ensure that it is suitable for your child.

Meanwhile, install and use it as per the procedures recommended by manufacturer.

- Check the child safety seat on your car to ensure that it is compatible with your seat belt system.
- As recommended as follows, install the child safety seat suitable for your car at the specified position.

### **Specified Position of Child Safety Seat**

	Seat position							
Age group	Front passenger seat (with SRS)	Front passenger seat (without SRS)	Right split seat (rear seat)	Rear-row left split middle seat	Rear-row left split outboard seat			
0, 0+ Group <13kg (0∼24 months)	×	L*	L*、I*	×	L*、 *			
Group I 9∼18kg (9∼24 months)	×	L	L*、 *	×	L*、 *			
Group Ⅱ, Ⅲ 15~36kg (4~12 years)	×	L	L	×	L			

U: suitable for "general' type, forward-facing and backward-facing child safety seat is suitable for the age group.

L: suitable for special child safety seat.

I: only suitable for ISOFIX child seat anchorage.

\*: only suitable for backward-facing child safety seat.

### Adaptive Information of Different ISOFIX Positions for ISOFIX Child Restraint System

Mass group	Size category	Fixing module	ISOFIX position in car					
			Front passenger seat	Rear-row outboard seat	Rear-row middle seat	Middle-row outboard seat	Middle- row middle seat	Other positions
Portable bed	F	ISO/L1	NA	NA	NA	IL	NA	NA
	G	ISO/L2	NA	NA	NA	IL	NA	NA
		(1)	NA	NA	NA	IL	NA	NA
Group 0: < 10kg	E	ISO/R1	NA	NA	NA	IL	NA	NA
		(1)	NA	NA	NA	IL	NA	NA
Group 0+: < 13kg	E	ISO/R1	NA	NA	NA	IL	NA	NA
	D	ISO/R2	NA	NA	NA	IL	NA	NA
	С	ISO/R3	NA	NA	NA	IL	NA	NA
		(1)	NA	NA	NA	IL	NA	NA
Group I: 9kg-18kg	D	ISO/R2	NA	NA	NA	IL 、IUF	NA	NA
	С	ISO/R3	NA	NA	NA	IL 、IUF	NA	NA
	В	ISO/F2	NA	NA	NA	IL 、IUF	NA	NA
	B1	ISO/F2X	NA	NA	NA	IL 、IUF	NA	NA
	Α	ISO/F3	NA	NA	NA	IL 、IUF	NA	NA
		(1)	NA	NA	NA	IL 、IUF	NA	NA
Group II: 15kg-25kg		(1)	NA	NA	NA	IL	NA	NA
Group III: 22kg-36kg		(1)	NA	NA	NA	IL	NA	NA

#### Note:

(1): With respect to child restraint system not meeting the size category of ISO/XX (A-G), for the suitable mass group, the vehicle manufacturer shall specify the recommended special ISOFIX child restraint system for each position.

IUF: suitable for forward-facing general ISOFIX child restraint system approved by the mass group.

IL: suitable for special ISOFIX child restraint system including the special vehicle, the limited or semi-general one.

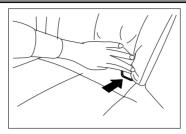
NA: ISOFIX position is not suitable for the mass group or the ISOFIX child restraint system.



ISOFIX Child Seat Anchorage Your car is equipped with special anchor point for the child safety seat with ISOFIX child seat anchorage. (on rear seat)

## Lower Anchor Point of ISOFIX Child Seat Anchorage

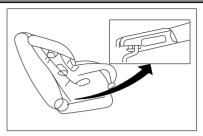
Anchor point of ISOFIX child seat anchorage is only for installing the child safety seat on the rear-row outboard seat rather than on the middle seat.



Anchor point of ISOFIX child seat anchorage is located at the back of the cushion close to the backrest. There is a label on the backrest for you to find the anchor point of ISOFIX child seat anchorage.

## Anchor Accessories of ISOFIX Child Seat Anchorage

The child seat with ISOFIX child seat anchorage has two rigid connectors for two anchor point on the seat. Meanwhile, use the seat



belt on the car to secure the child seat. Check if the label of child safety seat is the child safety seat with ISOFIX child seat anchorage. The specification of child safety seat has relevant description.

## Installation of Child Seat with ISOFIX

### **W**arning

The child safety seat with ISOFIX can only be installed at the special position. With

respect to the installation position of lower part of child safety seat, see "ISOFIX Child Seat Anchorage". If the child safety seat is not suitable for the child, the child may get serious hurt and even died in case of accident.

- Don't install the child safety seat requiring top drawstring on the seat without top drawstring.
- Don't install the child safety seat on the 2nd row seat with the lower anchor point of special anchorage. The child safety seat cannot be secured firmly.

- Check the lower anchor point.
   Insert your finger into the area of lower anchor point to confirm if there is any obstacle including belt or cushion material. If any,
- the child safety seat cannot be secure firmly.
- The anchor point of child safety seat is designed only for bearing the load caused by the correct and proper child safety seat. Don't secure the adult seat belt, drawstring or others or device onto the car.

### Forward-facing

Confirm that you are correctly using the child safety seat as per

the product specification. Following these steps, secure the child safety seat with frontward-facing ISOFIX on the rear-row seat outboard seat.

Lock catch of left split forward-

facing child seat



Lock catch of left split backwardfacing child seat

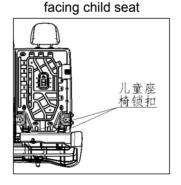


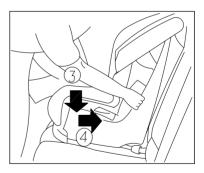
Lock catch of right split forward-

facing child seat



Lock catch of right split backward-





 1. 1Place the child safety seat onto the seat ①;

- Secure to the special lower anchor point ② with the connector of child safety seat;
- Keep the backrest of child safety seat well lean against the seat backrest: if possible. adjust or take down the headrest to leave the correct and proper position for child safety seat (see details in "Headrest"). If the headrest is taken down, place it at the safe position. Install the headrest when taking down the child safety seat. If the headrest of the seat is unadjustable and affects the correct installation of child safety seat, please have a try on other seats or replace it with another different child safety seat.
- Shorten the rigid connector to secure the child safety seat; use your knees to press down
  - 3 and backwardly 4 the middle of child safety seat to keep it closely lean against the backrest and cushion.
- Check the child safety seat before placing child onto it. Shake it to ensure the child safety seat is secured properly.
- 6. Secure the child safety seat with seat belt of the car.
- 7. Check if the child safety seat is secured properly before using. If the child safety seat is flexible, please reinstall it as per the step 3 step 6.

#### **Backward-facing**

Confirm that you are correctly using the child safety seat as per the product specification. Following these steps, secure the

child safety seat with backwardfacing ISOFIX on the rear-row seat outboard seat.

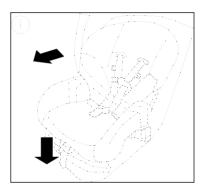


- 1. 1Place the child safety seat onto the seat ①;
- Secure to the special lower anchor point ② with the connector of child safety seat;
- Shorten the rigid connector to secure the child safety seat; use your hands to press down

- ③ and backwardly ④ the middle of child safety seat to keep it closely lean against the backrest and cushion.
- Check the child safety seat before placing child onto it. Shake it to ensure the child safety seat is secured properly.
- Secure the child safety seat with seat belt of the car.
- Check if the child safety seat is secured properly before using. If the child safety seat is flexible, please reinstall it as per the step 3 - step 6.

# Installation of Child Seat with Three-point Seat Belt Installing on Rear Seat

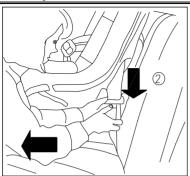
### Forward-facing:



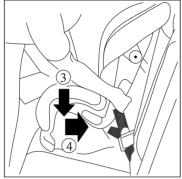
Confirm that you are correctly using the child safety seat as per the product specification. Following these steps, use the three-point seat belt without automatic locking function to

install the forward-facing child safety seat on the rear seat.

- 1. 1Place the child safety seat onto the seat ①:
- Let the seat belt spring bolt go across the child safety seat, and insert to the lock catch
   until feel and hear the locking sound;



- To avoid the loose seat belt, use the locking device of the child safety seat to properly tighten the seat belt;
- 4. Ensure that it is properly loose; use your knees to press down ③ and backwardly ④ the middle of child safety seat to keep it closely lean against the backrest and cushion.



 Check the child safety seat before placing child onto it
 Shake it to ensure the child safety seat is secured properly.

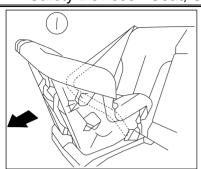


 Check if the child safety seat is secured properly before using. If the child safety seat is flexible, please reinstall it as per the step 3 - step 5.

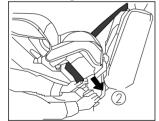
### **Backward-facing:**

Confirm that you are correctly using the child safety seat as per the product specification. Following these steps, use the three-point seat belt without automatic locking function to install the backward-facing child safety seat on the rear seat.

 Place the child safety seat onto the seat ①;

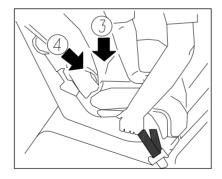


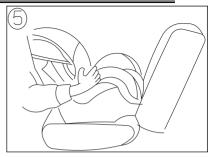
 Let the seat belt spring bolt go across the child safety seat, and insert to the lock catch
 until feel and hear the locking sound;



o avoid the loose seat belt, use the locking device of the

- child safety seat to properly tighten the seat belt;
- 4. Ensure that it is properly loose; use your hands to press down ③ and backwardly ④ the middle of child safety seat to keep it closely lean against the backrest and cushion.





 Check if the child safety seat is secured properly before using. If the child safety seat is flexible, please reinstall it as per the step 3 - step 5.

### **Installing on Front Seat**

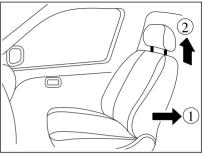


### **Warning**

• If the front passenger seat is equipped with SRS, don't install the rearward-facing child safety seat. The SRS explosion will cause great impact. In case of accident, the child safety seat will get impacted, which will serious hurt the child, and even endanger the child's life.  Don't install the child safety seat with top drawstring onto the front seat.



- DFSK recommends to install the child safety seat on the rear seat. However, if you have to install the child safety seat onto the front passenger seat, please move the seat backwardly to the maximum extent.
- The child safety seat for infant must be backward-facing; and if the front passenger seat is equipped with effective SRS,



don't install the child safety seat.

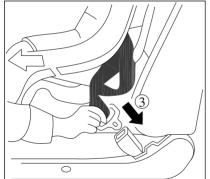
### Forward-facing:

Confirm that you are correctly using the child safety seat as per the product specification. Following these steps, use the three-point seat belt without automatic locking function to install the forward-facing child safety seat onto the front passenger seat.

If your car's front passenger seat has no SRS, please install a

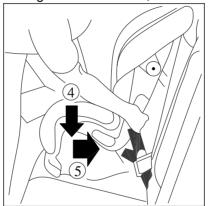
forward-facing child safety seat as per the following steps:

- Move the seat backwardly to the maximum extent ①;
- Adjust the headrest of seat to the highest position ②;
- 3. Install the child safety seat onto the seat;

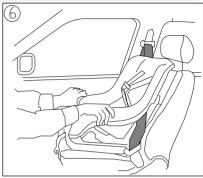


Let the seat belt spring bolt go across the child safety seat, and insert to the lock catch
 until feel and hear the locking sound;

 o avoid the loose seat belt, use the locking device of the child safety seat to properly tighten the seat belt;



6. Ensure that it is properly loose; use your knees to press down 4 and backwardly 5 the middle of child safety seat to keep it closely lean against the backrest and cushion.



- Check the child safety seat before placing child onto it ⑥.
   Shake it to ensure the child safety seat is secured properly.
- 8. Check if the child safety seat is secured properly before using. If the child safety seat is flexible, please reinstall it as per the step 3 step 7.

### Supplemental Restraint System (SRS)

#### **Notes of SRS**

This chapter will provide the information about SRS of driver seat and front passenger seat, and the pre-crash seat belt.

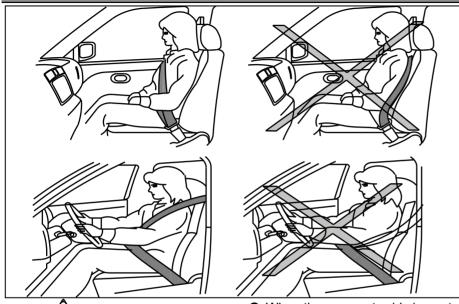
Auxiliary pre-crash SRS system:

In case of head-on crash, the auxiliary pre-crash SRS will be inflated and helpful for buffering the impact on driver and front passenger's (optional) head or

chest. SRS is designed providing auxiliary protection for driver and front passenger in case of crash instead of replacing the seat belt. SRS is helpful for saving lie and reducing hurt. However. SRS may cause bruise or any other injuries. SRS cannot protect the shorter persons, so the shorter should always use the seat belt. Meanwhile, the passenger should keep a certain distance from the steering wheel and instrument panel (see details in Chapter "Seat Belt"). To protect the passenger, SRS will be quickly inflated. If the

passenger gets close to SRS or back to SRS when SRS is inflating, the passenger may be hurt by expansion. SRS will quickly be flat after expansion.

SRS is working Only when the ignition switch is set at "ON" or "START". SRS warning light will be on when the ignition switch is set at "ON" or "START", and it will be off after about 3s. It means that that the system is working (see details in Chapter "SRS Warning Light").

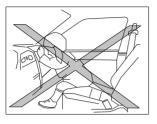


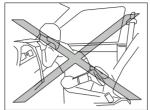
Warning

SRS system will not explode generally. Using the seat belt is helpful for reducing the injury or injury degree in case of any accidents

● When you sit on the seat and the backrest is upright, the seat belt and auxiliary pre-crash SRS system can play the best role. There is a great impact when the SRS is exploded. If you and your passenger sit freely, forwardly, sideways or in the wrong position, you will get greater hurt or there is a risk of death in case of crash. If you and your passenger run into the exploding SRS, you may get serious or fatal hurt. Please lean against the backrest and keep a

● When the car meets side impact, reapertain distance away from the impact or slight head-on impact or isteering wheel or instrument panel, knocked down, the auxiliary pre-craspand use the seat belt.







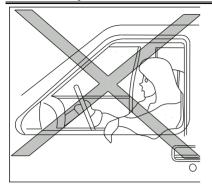


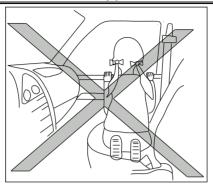


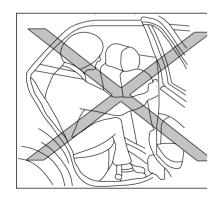


## **A**Warning

 Don't let child to sit freely or stretch head or hands out of window. Don't hug or place the child on your legs. The aforesaid figures show the dangerous gestures in car. • If there is no proper protection for child, when the auxiliary pre-crash SRS system is exploded, the child may get serious hurt and even died. Let the child to sit on the rear seats as far as possible, and take proper protective measures for the child. Don't install the backward-facing child safety seat on the front seat. because the exploded SRS will seriously hurt the child and even endanger life (see details in chapter "Child Safety Seat").









### **Warning**

- Using the seat belt is helpful for reducing the injury or injury degree in case of any accidents. When you sit on the seat the backrest is upright, the seat belt can play the best role. There is a great impact when the SRS is exploded. If you and your passenger freelv. forwardly. sideways or in the wrong position, you will get greater hurt or there is a risk of death in case of crash.
- Don't allow the one sitting on the front seat to stretch hands out of window or lean against the door. The aforesaid figures show the

dangerous gestures in car.
 Pay special attention to child and take proper protective measures.

### SRS

The warning sign (optional) is on the surface of visor on the front passenger seat.

Front SRS for Front Passenger Seat & Side SRS for Front Seats

### **A**Warning

Don't install the backward-facing child safety seat onto front passenger seat. When the backward-facing child safety seat is installed onto front passenger seat, in case of accident, the SRS may cause serious injury to the child.

In the car with head-on impact



SRS, the backward-facing child safety seat can only be installed onto the rear seat. "It is very dangerous to install the backward-facing child safety seat onto the seat with front SRS". Please comply with the product specification when installing the child safety seat on your car.

Don't use seat cover to your front seat, or the side SRS cannot work normally.

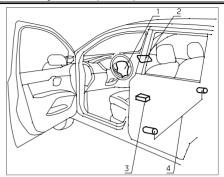
With respect to other information, please refer to Chapter "Child Safety Seat".

### **SRS Warning Light**

SRS warning light in instrument is shown as 2. and it supervises the circuit of **SRS** auxiliarv pre-crash system and pre-crash seat belt system. The circuit supervised by SRS warning light is consisted of fault diagnosis sensor unit, primary / secondary SRS modules, SRS ECU, side SRS of front seat and relevant circuits. SRS warning light will be on when the ignition switch is set at "ON" or "START", and it will be off after about 3s. and it means that the system is working.

SRS system requires repairing in either case as follows:

- SRS warning light is still on after 3s;
- SRS warning light flashes; or
- SRS warning light is fully off. In such cases, the auxiliary precrash SRS system maybe cannot work normally. Please timely contact with service stations authorized by DFSK for inspection and repairing.



- Auxiliary pre-crash SRS module (driver seat).
- Auxiliary pre-crash SRS module (front passenger seat).
- 3. SRS module ECU
- 4. Module of side auxiliary SRS of front seat (both sides of front seat).

### Auxiliary SRS System

### Warning

- Nο obstacle the exploding area of SRS. The seat with side SRS of front seat shall not be equipped with seat cover. Don't 'ace any article on the cering wheel, horn hood, instrument panel or front seat. Don't place any article between the passenger and steering wheel, and between the instrument panel and front seat. The articles will be the dangerous projectiles when the auxiliary SRS is exploded, and accordingly result personal injury.
- Once the SRS is exploded, some sub-assemblies of it

- will be hot, so don't touch them, or you may get hurt.
- Don't modify anv subassemblies or circuits of the SRS system without any authorization, so as to avoid accidental explosion damage to SRS system. Don't modify the electronic system, suspension system, front end with body-side sheet without any authorization. This will have an impact on the normal operation of SRS.
- Unauthorized modification of SRS system may cause personal injury. Such unauthorized modification includes placing articles on steering wheel, horn hood or instrument panel or installing other trims around the SRS system.
- Operation on or around the SRS system must be done by service stations authorized by

- DFSK. Don't change or disconnect the circuit of SRS without permission. Don't use the unauthorized electric testing instrument and detection equipment to test the SRS system.
- The harness connector of SRS shall be in eyecatching yellow or orange.

The SRS explosion will have great sound, and then release smog. Such smog is harmless and will not cause fire. However, don't intake it on purpose, because it may be suffocating. The person affected by such smog shall timely intake fresh air.

## Auxiliary Pre-crash SRS System

The auxiliary pre-crash SRS at driver seat shall be at the center of steering wheel, that at the front passenger set

shall be installed onto the instrument panel over the tool box, and auxiliary side SRS of front seat shall be installed in the seat. In design, when the car meets dramatic head-on impact, the auxiliary pre-crash SRS system will be exploded. However, if the SRS meets other impacts similar to the head-on impact, it may be also exploded. In some special head-on impact, the SRS may be not exploded. Therefore, if the SRS works normally or not is not subject to the vehicle damage.

# Maintenance and Replacement Procedures

The SRS and pre-crash seat belt are designed for disposable use. After the SRS is exploded, it is an alarm that the SRS warning light will be on if it is not damaged. The repairing and maintenance of SRS shall be done by the service stations authorized by DFSK. When your requires repairing and car maintenance, please remind the maintenance personnel of the condition of SRS system, precrash seat belt and relevant When components. making maintenance in engine cabin and car, you must set the ignition switch at "LOCK".

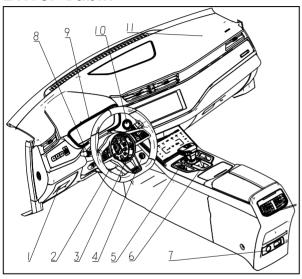
### **Warning**

Once the SRS is exploded, the SRS module cannot work again, so it must be replaced. The SRS module must be replaced by service stations authorized by DFSK, and it cannot be repaired after it is exploded.

- When the car suffers from any type of damage, its SRS must be inspected by service stations authorized by DFSK.
- When your car is to be sold out, you must tell the purchaser the SRS function, and relevant contents in the Manual.
- When you are to give out the SRS, pre-crash seat belt or vehicle, please get in contact with the service stations authorized by DFSK. The correct procedure for you to give out is as shown in DFSK Service Manual, and the wrong procedure may cause personal injury.

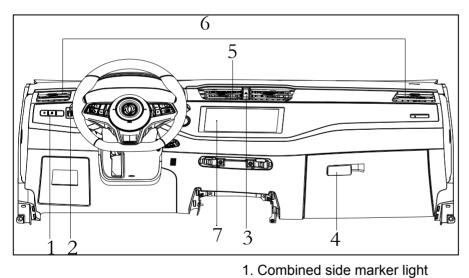
## III. Instrument and Control Switch

### **Driver Cabin**



- 1. Access hole
- 2. Steering wheel
- 3. Klaxon button
- 4. Power inverter
- 5. Gear shift operating rod
- 6. EPB switch
- 7. Cigarette lighter
- 8. Combined switch
- 9. Combined instrument
- 10. Engine start-stop system
- 11. SRS of front passenger seat

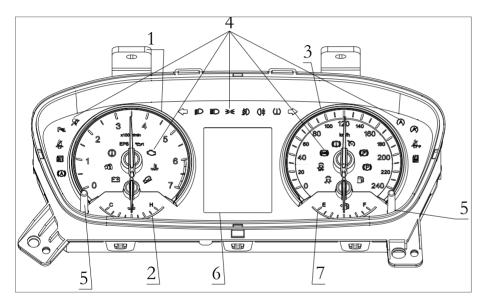
### **Instrument Panel**



2. Adjusting switch of headlight

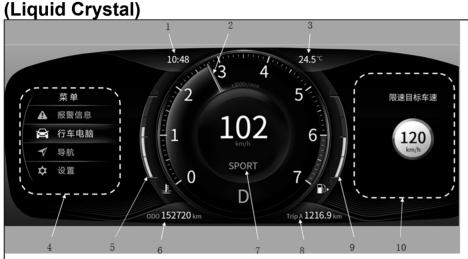
- 3. Alarm switch.
- 4. Tool box
- 5. Central air outlet
- 6. Side air outlet
- 7. MP5

## **Integrated Instrument** (Normal)



- 1. Engine tachometer
- 2. Water thermometer
- 3. Speedometer
- 4. Function indicator
- 5. SET/mode selection button
- 6. Liquid crystal display (LCD)
- 7. Fuel gauge

Integrated Instrument



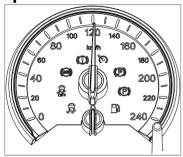
Fuel gauge

0. Status display

- 1. Time
- 2. Engine tachometer and gear display
- 3. Outdoor temperature
- 4. Function menu

- 5. Water thermometer of engine
- 6. Mileage
- 7. Speed and engine mode display
- 8. Sub-total mileage

### **Speedometer**



Normal Instrument Speedometer Speedometer pointer indicates the driving speed (km/h).

## SET/mode selection button

SET/mode selection button operation:

Only mechanical instrument has SET/mode selection button on its left side. Touch mode selection button in Level-1 menu to cycle between interfaces, and touch mode selection button in Level-2

menu to select the corresponding function. SET button is on its right side. Touch SET button in Level-1 menu to access to Level-2 menu, and touch SET button in Level-2 menu to select the corresponding function.

### **Operation**

As for mechanical instrument and liquid crystal instrument, touch the up/down button on the multi-function steering wheel to switch between interfaces. Meanwhile, as for mechanical instrument, touch the selection button on its left side to switch between interfaces.

The full liquid crystal instrument has three topics including classic, technology and passion. In setting menu, touch the up/down button on steering wheel to select topic, and touch OK button to switch between topics.

## Liquid Crystal Display (LCD)

LCD displays driving computer,

navigation, setting, alarm prompt and other information.



LCD displays the pre-warning of deviation from lanes.



Tire pressure on LCD



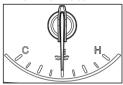
Note of Keys Not in Car on

### Liquid Crystal Display

#### Note:

The instrument displays many interfaces, and not all of them are listed here. The display contents and indicator as well as buzzer shows the details about the current vehicle.

#### **Water Thermometer**



The number of temperature bars shows the cooling temperature of engine. During driving, the water temperature shall be within the normal range.



When the pointer points the red line, it means the engine is too hot, and you should park your car for inspection at once.

## Fuel Gauge



When the number of fuel bars is at "F", it means that the fuel tank is full, and when it is at "E", it means that the fuel tank has a little of fuel.

After parking, driving on flat road or uphill or downhill, the fuel in tank will fluctuate, and the number of fuel bar will be increased or decreased, which is normal.

When the fuel level in fuel tank is lower, the fuel indicator will flash, please refuel in time before it reaches the E level.

#### Note:

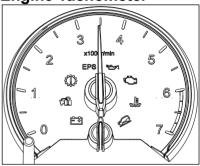
The direction of the arrow beside the fuel tank mark means the direction of fuel tank cover.

#### **Odometer**

ODB (total mileage) shows the

total distance the car has run. TRIP (short mileage) shows the distance of a trip.

## **Engine Tachometer**



Instrument Tachometer

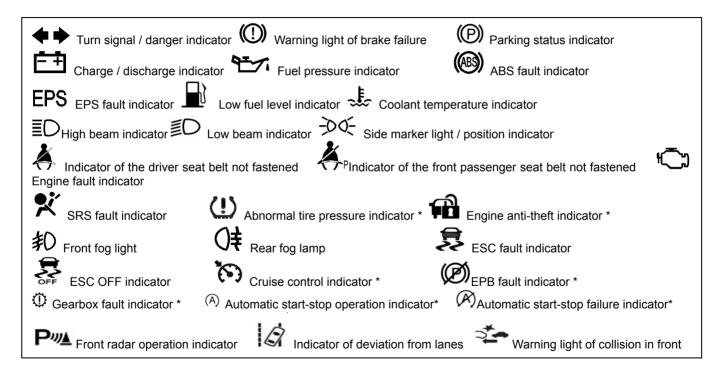
Tachometer pointer (rpm) displays the speed of engine. Don't get to the red range.

## **Liquid Crystal Instrument**

Function menu includes such functions as alarm information, driving computer, navigation, setting, multimedia, radio and telephone.

Status information display screen displays alarm and prompts, driving computer statusand regulation, navigation, setting, multimedia, radio and telephone.

## **Indicator and Voice Prompt**



#### Indicator



#### ABSfault indicator

After setting ignition switch at "ON" gear, ABS fault indicator / operation status indicator is on and will be off about 3s later, indicating that ABS work normally.

During engine running or driving process, ABS fault indicator is on, indicating that ABS works normally.

When ABS system is faulted (ABS fault indicator is on, and EBD fault indicator is off), the anti-lock function will be invalid. The brake system works under EBD brake force distribution mode (similar to the non-ABS vehicle with SABS), but it has no anti-lock function. Please contact the service stations authorized by DFSK for inspection.



#### Warning Warning

During engine running or driving process, ABS indicator or EBD indicator is on or both of them are on, indicating that ABS/EBD system works normally. Then, the brake system is under dangerous condition, please do slow down to park and contact the service stations authorized by DFSK at once for inspection. (Refer to "Brake System" in "6. Starting and Driving")



Warning light of brake failure

During driving process, when brake liquid level indicator / EBD fault indicator are on, park your car at once as far as possible. turn off engine and check brake liquid level. If the brake liquid level lower the minimum level on liquid storage tank, please add brake liquid as required (refer to "Brake Liquid" in "9. Maintenance and You Can Do").



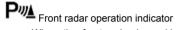
#### Warning

- You will have decided that your car is safe, but you'd better track your car with other cars, because there may be potential danger.
- Braking when the engine is off or the brake liquid level is low will increase brake distance, and requires greater force. Stop driving before being inspected and confirmed by the service stations authorized by DFSK.



Parking Status Indicator (EPB)

Set the ignition switch at "ON" gear. If the parking brake is not released, the indicator is constantly on; if the it is released, the indicator is off.



When the front radar is working, the front radar operation indicator is on.

Charge / discharge indicator

When the ignition switch is set at "ON", the charge indicator is on; after the engine is on, the charge indicator is off. Such means that the charging system works normally.

During the engine operating or driving process, the charge indicator is on, please park your car at once as far as possible, turn off engine and check A/C generator's driving belt. If the driving belt is flexible, broken or fell, repair the charging system.

(Refer to "Driving Belt" in "9. Maintenance and What You Can Do")

If the belt is normal but the charge indicator is still on, seek for inspection on charging system by the service stations authorized by DFSK.



Caution

- If keep the engine working when the lower fuel pressure indicator is on, it will seriously damage engine.
- Low fuel pressure indicator cannot show the fuel level. Please use oil dipstick check fuel level. (Refer to "Engine Oil" in "9. Maintenance and What You Can Do")



When setting the ignition switch at "ON", the water level indicator is on and then off, indicating that the high water temperature indicator works normally.

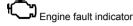


When the engine keeps running, If the high water temperature indicator is constantly on, it means that the temperature of engine may be too high. Please park you car as far as possible.

If you keep driving when the vehicle is too hot, you will damage the engine. (For necessary emergency treatment, refer to "Your Engine Is too Hot" in "7. Emergency Measures")



When setting the ignition switch at "ON", the low fuel level indicator is on and then off, indicating that the indicator works normally. When the fuel level is too low, the low fuel level indicator flashes. If convenient, refuel before the number of fuel bar reaches the Empty (E) level.



When the ignition switch is set at "ON", the fault indicator is on, and the engine is off after starting, indicating that the engine works normally.

During the engine operating, if the fault indicator is on or flashes, it indicates that the engine maybe work abnormally, and it needs repairing. Please seek for inspecting and repairing engine system at once from the service stations authorized by DFSK.



To reduce or avoid damaging engine system when the fault indicator is on or flashes, please:

- Don't drive at the speed over 70km/h.
- Don't suddenly speed up or slow down.
- Don't drive on steep slope.
- Don't carry with or track the unnecessary loads.



Caution

If you keep driving when the engine system is not properly repaired, it will reduce the driving performance and fuel economy of engine, and even damage the engine system and accordingly affect the warranty of vehicle.

Indicator of the driver seat belt not fastened

When the ignition switch is set at "ON" and "START" gear, before the driver seat belt is fastened, the indicator is constantly on; and after the seat belt is fastened, the indicator is off. (Refer to "Seat Belt" in "2. Safety Devices - Seat, Seat Belt & SRS")

PIndicator of the front passenger seat belt not fastened

When the ignition switch is set at "ON" and "START" gears, the front passenger seat belt is not fastened and there is a passenger on the front passenger seat, the indicator is on, and it is off in other cases. (Refer to "Seat Belt" in "2. Safety Devices - Seat, Seat Belt & SRS") Note: when the front passenger seat belt is not fastened, the indicator is constantly on when the speed is < 10km/h, and it is off when the speed is ≥ 10km/h.



SRS fault indicator

When the ignition switch is set at "ON" or "START" gear, the SRS warning light is on for 3s and then be off. It means that SRS works normally. (Refer to "SRS" in "2. Safety Devices -Seat. Seat Belt & SRS")

## EPS FPS fault indicator\*

When the ignition switch is set at "ON", the power steering indicator is on for 2s. and then off, it means that the system works normally.

When the power steering indicator is on during engine running, it means that the system works abnormally, and it needs repairing. Please seek for repairing and treating the power steering system from the service stations authorized by DFSK.

If the power steering system indicator is on during engine running. the power steering system is invalid, but you can still control your car. Now, you have to operate the steering wheel with a greater force, especially in case of a sharp turn and driving at a low speed. (Refer to "Electric Power Steering (EPS) System" in "6 Starting and Driving")

Abnormal tire pressure indicator When the pressure of tire is abnormal or the sensor is invalid, the indicator is on or flashes, and the corresponding letters on LCD flashes.

During driving, when the abnormal tire pressure indicator is on, quickly park your car as far as possible. If finding that the tire leaks air or becomes flat quickly, please refer to "Flat Tire" instructions in Chapter 7 or seek for inspection from the service stations authorized by DFSK.

EPB fault indicator When EPB system is

faulted, the EPB system is under dangerous condition. Please do slow down to park and contact the service stations authorized by DFSK at once for inspection. (Refer to "Parking Brake" in "4. Inspection and Adjustment before Driving")

Gearbox fault indicator

When the gearbox fault indicator is on, it means that the gearbox system is faulted, and the gearbox system is under dangerous condition, Please do slow down to park and contact the service stations authorized by DFSK at once for inspection.

ESC fault indicator

When ESC system is normal and works. the indicator is off; when it works normally, the indicator flashes: and when ESC system is faulted, the indicator is constantly on. (See details in operation instructions, and refer to ESC operation of chassis.)

When ESC system is faulted, the ESC system is under dangerous condition. Please do slow down to park and contact the service stations authorized by DFSK at once for inspection.

When press ECS OFF switch, turn off ESC function, the indicator is constantly on.

Caution

When you touch and hole ESC OFF switch for 10s, the system detects that there is foreign matter on switch, so ESC function is not off / on before the next ignition circulation, and then it will be normal.

When the speed is higher than 80km/h, to ensure driving safety, ESC function will be on automatically, and you cannot turn it off.

FV Front fog light
When the front fog light is on, the
indicator is on. (See "Fog Light Switch"
hereinafter)

High beam indicator When the high beam light is on, the indicator is on. When the low beam

light is on, the indicator is off. (See "Switch of Headlight and Turn Signal Light" hereinafter)

Rear fog lamp 

When the rear fog light is o

When the rear fog light is on, the indicator is on. (See "Fog Light Switch" hereinafter)

Turn signal / danger indicator
When turn the switch of turn signal
light or press alarm switch, the
indicator flashes. (See "Switch of
Headlight and Turn Signal Light" or
"Danger Indicator Switch" hereinafter)
Side marker light / position indicator

When you turn on the side marker light, the indicator is on.

Indicator of deviation from lanes
The indicator of deviation displays
nothing when the function is not
started, it displays white when the
function is started but not activated, it
displays green when the function is
activated and it displays yellow when
the function is faulted.

Voice prompt

Alarm of Side Marker Light on

If you open the door when the ignition switch is set at any position, the buzzer will cause alarm sound reminding you of turning off side marker light. The alarm sound will be off when such lasts for 60s or turning off the side marker light.

Alarm of Seat Belt Not Fastened When the ignition switch is set at "ON" (whether the engine is started or not) and the speed is less than (10±2) km/h, if the seat belt is not fastened, the seat belt alarm indicator is constantly on, and the buzzer will not alarm.

When the speed is more than 10km/h and the seat belt is not fastened, the seat belt alarm indicator keeps flashing, and the buzzer will stop after 60s. When the indicator is flashing and buzzer is working, if the seat belt is fastened, the buzzer stops and the indicator is off.

Alarm of Doors Not Closed (LCD)

When doors are not completely closed or they are half-closed, the LCD doors opening interface reminds driver of doors not closed completely.

Alarm of reverse radar

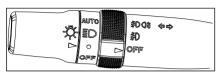
The instrument sends alarm sounds of different frequencies according to the differences from the reverse radar to obstacles.

Steering and Danger Alarm When turn the switch of turn signal light or press alarm switch, the instrument gives buzzing. Alarm of Manual Brake Not Released When there is speed, and the manual brake (MPB / EPB) is not released or not completely released, the instrument gives buzzing before the brake is released.

Alarm of Keys Not in Car When it is set at ON and START gears and the remote key is not in car, the instrument gives buzzing.

Integrated Switch of Light

The integrated switch of light controls the position light, headlight, high beam headlight, low beam headlight, front fog light, rear fog light and turn light; among which, the position light and headlight have three gears: OFF, MT "AUTO", position light "O", and



## Switch of Automatic Transmission (AT), Position Light and Headlight

When it is set at OFF, the position light and headlight are off;

When you turn switch to "AUTO", the position light and headlight will automatically be on or off as per outside light.

When you turn the position light to "", the front and rear position lights and indoor back light of devices are on; when it is set at ON, the back light of integrated instrument and radio CD player will automatically be darker, and other lights are on normally;

when you turn the switch of headlight at "\(\overline{\o

headlight and low beam headlight). MEDIUM (overtake) and LOWER (OFF) in the direction of handle vertical to steering wheel. When you slightly pull the light switch to overtake gear, the high beam headlight and low beam headlight will be on, realizing overtake function; when you pull the light switch to the shift gear of high beam headlight and low beam headlight, the high beam headlight will be on, and when you release it, it resume to normal position; and when you turn to the shift gear of high beam headlight and low beam headlight again, the high beam headlight is off.

## **Switch of Turn Signal Light**

Switch of Lane Change Warning Light When you set the switch at right lane gear, the right turn light and right side marker lights of front and rear lights flash for 5 times, the right turn indicator flashes for 5 times at a certain frequency, and the switch returns automatically; when you set the switch at left lane gear, the left and right turn light and left side marker lights of front and rear lights flash for 5 times, the left turn indicator flashes for 5 times at a

certain frequency, and the switch returns automatically.

Switch of Turn Light

When you set the right turn light to right turn gear, the right turn light and right side marker lights are on, and the right turn indicator is on and flashes at a certain frequency; when you set the switch handle to the middle, the right side marker lights are off; similarly, when you set the switch to left turn gear, the left turn light and left side marker lights are on, and the left turn indicator is on and flashes at a certain frequency.

When you set the handle at the left (right) turn position, if the steering wheel reversely returns and rotates for angles, the steering switch will automatically go back to the middle position, and then all turn lights are off.

#### Follow-me-home Function

When you take out key after parking, if you turn the overtake switch for 2 times within 2s, the high beam headlight delays 30s

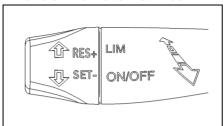
to be off: if you turn the overtake switch for 3 times within 2s. the high beam headlight delays 60s to be off; and if you turn the overtake switch over 4 times within 2s, the high beam headlight delays 90s to be off. After locking doors, touch unlocking and locking button to cancel such function.

## Switch of Front and Rear Fog Lights

When you turn on headlight, high beam headlight and low beam headlight, if your car has a front fog light, and you upwardly turn the foa light switch for one time, the front fog light is on; if you upwardly turn the fog light switch again, the rear fog light is on; if you are to turn off the fog light, when you downwardly turn the fog switch for one time, the rear fog light is off; and when you downwardly turn the fog light for

one time again, the front fog light is off.

## **Cruise Control Switch**



During driving process, set the switch at "ON", turn on cruise control, and set switch at "OFF" to turn it off. When you set the switch at "SET-" after the cruise control is turned on, the vehicle starts cruising at the current speed. You can speed up by switching toward "RES+", and speed down by switching toward "RES-". You can also step brake / accelerator pedal to cancel cruise control. When you set to "RES+" to, you can resume to cruise control "LIM" means active speed limit switch. When you set at the maximum speed,

the vehicle will not exceed the set speed.

## **Headlight Height** Adjustment and Control

When you set the ignition switch at "ON" gear, the headlight is on, you can adjust the height from headlight low beam axle to the ground according to your driving habit. The greater the number on switch is, the lower the height from headlight low beam axle is.



Caution

When the engine is out of service for a long time, don't turn on the lights, to avoid using out of battery.



# Wiper and Washer Switch



## 🦀 Warning

At freezing temperature, the washing liquid may be frozen on windscreen and affect your vision.

Before washing the windscreen, heat the windscreen with defroster.



## Caution

- Don't use the washing liquid over 30s continuously.
- If there is no washing liquid in washer storage, don't use washer

# Windscreen Wiper and Washer

When you set the ignition switch at ON gear, the front windscreen wiper and washer can be used.

## **Operation of Wiper**



If you set at "INT" gear, the wiper will work intermittently.

If you set at "AUTO" gear, the wiper will work automatically when its sensor detects rain, and it will adjust speed as per rainfall amount (optional).

If you set at "1" gear, the wiper will work at a low speed.

If you set at "2" gear, the wiper will work at a high speed.

If you are to stop the wiper, set the lifting lever upwardly to "OFF" gear. If you set the lifting lever at "MIST" gear, the wiper will work for one time. And then, the lifting lever will automatically return to original position.

If the wiper suspends working due to snow or ice, the wiper will not work to protect motor. In case of such circumstance, set the wiper at "OFF", remove the snow or ice on and around the wiper arm, and turn on the wiper again.

## **Operation of Washer**

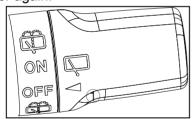
To use washer, upwardly pull the integrated switch of wiper until that the required amount of washing liquid comes from windscreen. Then, the wiper will automatically work for several times.

# Rear Wiper and Washer Switch

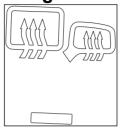
When you set the ignition switch at "ON", the rear wiper arm will

automatically run at a time interval. Set the ignition switch of wiper handle at "OFF" to turn off the handle.

If the wiper suspends working due to snow or ice, the wiper will not work to protect motor. In case of such circumstance, set the rear wiper at "OFF", remove the snow or ice on and around the wiper arm, and turn on the wiper again.



## **Defrosting Switch**



When the ignition switch is set at "ON", you can operate the defrosting switch (the vehicle without rearview mirror heater has no sign as shown in the right figure.).

The defroster is used for reducing the moisture, mist and frost on rear windows and improving rear vision.

When you press the defroster switch, the indicator is on, and the rear defroster works about 14 minutes. After 14 minutes, press the defroster switch again, to turn off defroster.

## **A** Caution

 When washing the inside of windows, don't scrape or damage the wires on windows

## Warning Light Switch



When you stop driving or park your car in emergency, the warning light can remind of other drivers.

When you press the warning light switch, all turn signal lights flash. To turn off all warning light, please press the warning light switch again.

Klaxon Button When you press the klaxon button on steering wheel, the klaxon will work.

When you release the klaxon button, the klaxon will stop working.

## Multi-function Steering Wheel



When multi-functional steering wheel is connected to steering column via spline, turn steering wheel to driver steering column so as to control vehicle moving direction. There are several buttons in steering wheel. The back light of buttons is red. The buttons are connected to multimedia controller to control radio, volume, mode change, phone and others:

: Touch the button to enter the previous music (MP5 status) / search frequency reduction

(radio status); touch and hold the button, to fast backward (radio status);

>: Touch the button to enter the previous music (MP5 status) / search frequency increase (radio status); touch and hold the button, to fast forward (radio status);

: Get the button upwardly to turn up volume;

Get the button downwardly to turn down volume;

Touch to be mute / touch again to cancel being mute;

MODE: touch it to enter mode change. The order is radio, MP3, MP5, navigation, bluetooth (circulating);

Roll up and down to select the contents on the menu of liquid crystal instrument.

: Touch it to select toward the left of the liquid crystal instrument.

: Touch it to select toward the right of the liquid crystal instrument.

Touch the button to enter navigation mode;

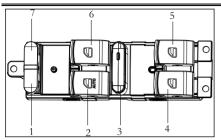
: Under the status connecting to mobile phone Bluetooth, touch the button to answer the call; and

: Under the status connecting to mobile phone Bluetooth, touch the button to hang up the call;

: Return key of the menu of liquid crystal instrument;

○ Confirmation key of the menu of liquid crystal instrument;

: Voice recognition key.



# Windows Power Windows

## **A** Warning

- Some vehicles are not equipped with anti-pinch functions, so please confirm that there is no foreign matter in the window frame before operating the power windows.
- Don't leave children or other incapable adults in car alone.
   Because they may unintentionally touch the switch and controlling devices, and accordingly cause accidents.
- When using the windows electric

power switch, you may hurt others, especially children's hands, head or other parts. Therefore, only when you confirm that there is no obstacle nearby windows, can you close windows.

- Before getting off, do take out ignition key, to prevent children from playing the power switch and accordingly getting hurt.
- Release the switch when you fully open or close power windows, or will damage the power window system.

When the ignition switch is set at "ON", the power windows will work. If you are to open windows, touch power windows switch. If you are to close windows, pull the power windows switch upwardly.

Driver Seat Power Window Switch: Switch 1: switch of central lock; when the doors are closed, touch the button, four doors will be opened. Switch ②: Front passenger door glass lifter switch; the driver door glass windows are equipped with one-button decreasing function. If you press down the manual gear, the glass will lower down, and if you release the manual gear, it will stop working. When you press down the automatic gear, the glass will automatically lower down to the limit; and if you pull the switch during the lowering process, the glass will stop working.

Switch ③: Glass lifter locking switch; when you press down the button, the other three glass lifter switches will not work; when you press down the button again, it will reset, and the three glass lifter switches will separately control such three glass windows.

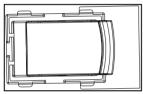
Switch 4: Left rear door glass lifter switch;

Switch ⑤: Right rear door glass lifter switch;

Switch **(6)**: Front passenger door glass lifter switch;

Switch ⑦: switch of central lock; when the doors are opened, touch the button to open four doors.

Passenger Seat Power Window Switch:



The right front door, left middle door and right middle door are equipped with independent glass lifter switch. If you touch the switch when you do not touch the left front door glass lifter locking switch, the glass will be lower, and if you release it, the glass will stop lowering; if you pull the

switch upwardly, the glass will raise, and if you release it, the glass will stop raising. When you press down the front passenger door glass lifter switch, other three glass lifters will not work. Within 60s when you set the

Within 60s when you set the ignition switch at "ON" and key at the gears rather than "ON", you can operate power window switch to raise or lower the power window; after 60s, the power window switch cannot control power window continuously.

## Windows Glass Onebutton Operating

There are four modes for winder class to start anti-pinch function: Manual raising: if you pull the power window switch to manual gear, the corresponding window glass will raise; if you release it, it will stop raising;

Manual lowering: if you touch the

power window switch to manual gear, the corresponding window glass will lower; if you release it, it will stop lowering;

Auto raising: if you pull the power window switch to automatic gear, the corresponding window glass will raise, and the window will raise to the top;

Auto lowering: if you touch the power window switch to automatic gear, the corresponding window glass will lower, and it will lower to the bottom

# Anti-pinch Function of Windows

In case of any resistance in glass window lifting, the anti-pinch function will be activated.

If the anti-pinch function is activated in case of any obstacles during glass window lifting, the windows will work reversely.

Under some circumstances, the antipinch function system will be at noninitialization mode, which causes the windows can be lifted manually only and lose the function of automatic lifting temporarily, and they can be resumed by self-learning function. The cases that the system is at non-initialization mode are as follows:

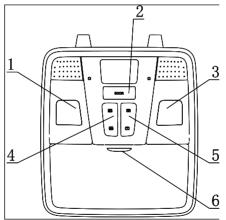
- ① The glass lifter suffers from power failure for 24s during operation;
- ② The diagnostic apparatus turns off the anti-pinch function;
- 3 The windows position exceeds the scope of the initial learning position;
- ④ The system losses power over 15s under the un-sleeping state or over 600s under sleep state:
- ⑤ The system shows the signal error of the power windows position;
- ⑥ The same window starts anti-pinch function for two times.

# Windows Self-learning Function

When the anti-pinch function is invalid, it can be recovered by self-learning; When the key is at "ON", press the

front left (rear front/front right/rear right) window lifting button to lift the window to the top and then release it, press such button again to the top and stall for 2s and then down the window to the bottom, lift the window to the top again to finish the self-learning;

## **Sunroof**

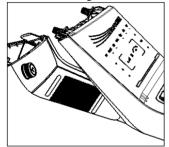


 Button 4 the curtain of panoramic sunroof. If you touch it ≥500ms, it starts manual mode; and if you

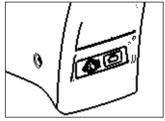
- touch it < 500ms, it starts automatic mode.
- Button 5 the curtain of panoramic sunroof. If you touch it ≥500ms, it starts manual mode; and if you touch it < 500ms, it starts automatic mode.
- Stop: when the sunroof works under automatic mode, if you touch button 4, the sunroof will stop operating at once; and if you touch button 5, the sunroof curtain will stop operating at once.
- 4. Anti-clamping in closing: ①
  anti-clamping in raised
  opening: during the raised
  closing process, if it detects
  the clamping from the full
  opening position to closing
  position, the sunroof will go
  back at once. ② Anticlamping in external closing:
  during the transverse shifting

process, if it detects the clamping at the position 4mm-200mm away from closing position, the sunroof will go back at once.

## 12V Standby Power



Front-row 12V standby power socket ①



Rear-row 12V standby power socket ②

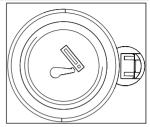


## Warning

The power of electrical devices shall not be more than 120W to avoid damaging fuse.

## **Cigarette Lighter**

Touch cigarette lighter button, the cigarette lighter's resistance wire will be red and hot, and will go back to original position about 18s later. And then, you can use it. The cigarette lighter has a indicator which will be on when you turn on the side marker light.



In addition, when you remove the cigarette lighter, you can use it as vehicle-mounted DC 12V power.



## Warning

After using the cigarette lighter, please place it back in time, to avoid burning other objects in car or causing fire.

## **Storage Device**

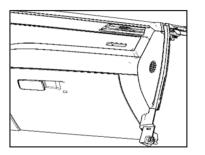


Marning

To focus on driving, don't use storage device.

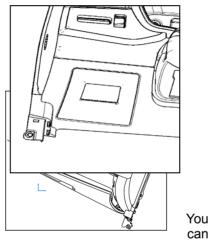
#### Tool Box

To open the tool box, pull the



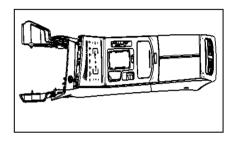
handle ① on the tool box on it, as shown in (2), press it down for closing.

## **Small Storage Box**



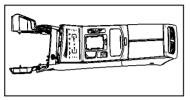
place some small articles on the small storage box on the left of instrument panel.

## Middle Cover Cup Holder and Storage Box



1. If your car has EPB, its control box has one cup holder and one open storage box and one concealed storage box for storing some small articles.

### **Ash Pan**



It is equipped in the middle cover cup holder.



**Warning** 

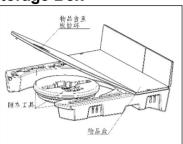
To focus on driving, don't place drink bottle and cup here.



**Caution** 

If you put drink bottle and other cups here, it may affect your gear shifting, and using the button in the front of it.

## **Storage Box**

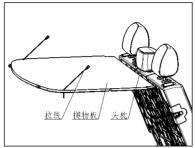


To open storage box, pull the storage box cover pull ring upwardly, take down the backdoor stay wire on shelves and hang it on the storage box cover so as to fix the opened cover. If you are to close the storage box, take down the backdoor stay wire and pull the storage box cover pull ring downwardly to close the cover.

If you are to open the tools box, pull the storage box cover pull ring to a higher level.

A reflective vest is placed in the storage box (for the new vehicle produced since January 1, 2018).

## **Shelves**

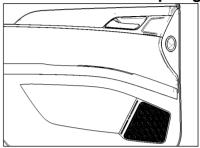


Shelves are placed above the storage box and behind the rear seats.

## Warning

The shelves can be used only for holding light articles when the parking state. The heavy articles may damage the storage box and side panels, while the light articles may fly in the cab and accordingly affect driving safety when the vehicle runs at high speed.

## **Bottle Holder and Map Bag**



The bottle holders are located at the interior fender apron of four doors.

## **A** Caution

Don't put the bottle with cap opening into the bottle holder, because the drink may get out of bottle when you open or close doors or drive.

Marning

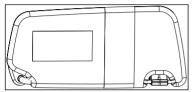
To focus on driving, don't place drink bottle of cup here.

Caution

If you put drink bottle and other

cups here, it may affect your gear shifting, and using the button in the front of it.

## **Visor**

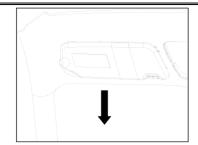


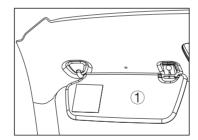
The visor can be folded downwardly for using.

## Make-up Mirror

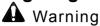
To use make-up mirror, downwardly pull the visor to open the cover of make-up mirror; and you can use the make-up mirror under the lighting of it.

To shelter the light from the front direction, pull the visor to status ①.



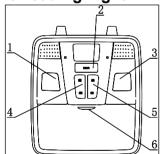


## Interior Lighting



- If the engine does not work for a long time, don't turn on the lighting to avoid use out battery.
- Upon getting off you car, please turn of light.

**Front Reading Light** 

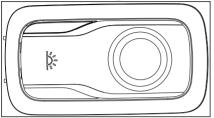


- 1. The bulbs are controlled by switch 1 and 3;
- 2. When you touch switch 2, the status of doors control bulb:
- 1) Delayed off: five doors

- (including backdoor) are closed, and top light is off within 30s (the time stroke is 3s); either one of five doors is not closed, the top light is on, and it will be off after 10 minutes if you have no operation.
- When you take out key, five doors are closed; when you touch locking button, the light will be off at once; when you close five doors and insert key, the light will be off at once;
- 3) When you do not insert key into ignition switch, and you apply remote control to unlock or receive PEPS unlocking signal or central unlocking or front passenger door key unlocking, the interior light is on; when you take out key, the door light is on; when the PEPS is off, the engine is off but and door light is on. (After door light is on, it will be off

- within 30s if you have no operation);
- 3. Switch 4 and 5 respectively control sunroof glass and curtain.
- 4. Switch 6 controls glasses box.

## **Rear Interior Light**

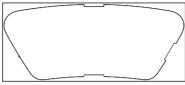


The switch has a gear. When you press the button , the light is on, and when you press it again, the light is off.

## **Courtesy Light**

The courtesy lights are set on the left and right front doors of driver

cabin, and they are controlled by the front door switch.



## **Trunk Light**

The trunk light is set in the backdoor trunk. When the backdoor is opened, the light is on. When the backdoor is closed, the light is off.

## Kev

The car is equipped with two keys. Please keep one key at a safe place as a spare key.

The key can operate:

ignition switch; (2) front door

lock; (3) backdoor lock; (4)

window glass; (5) backdoor

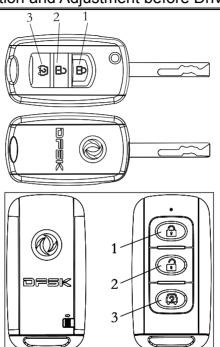
switch

Only when you used the key correctly, can you start the car.



Warning

Don't leave your key in car when getting off your car.

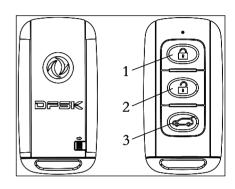


## Remote Key

- 1. Remote locking button
- 2. Remote unlocking button

3. Car locating button

#### Remote Key (Electric backdoor)



- 1. Remote locking button
- 2. Remote unlocking button
- 3. Electric backdoor button



Keep your remote key away from saline water which may damage transmitter chip and

accordingly result in system failure.

- Don't fall down the remote kev.
- Don't beat the remote key.
- Don't place the remote key in the environment with temperature higher than 60°C for a long time.
- Don't place the remote key together with the magnetic key chain.
- Don't place the remote key together with the device that produces a magnetic field. such as TV. audio device and personal computer.
- Where the remote key is insufficient of power, the start-stop function cannot be used for starting the car. Then, please conduct as per instrument instructions, and

keep the remote key closer to the start-stop switch to start the car. Please replace battery to avoid impacting the function

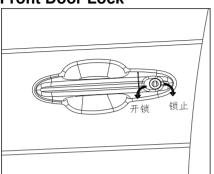
## **Door Lock**



Warning

- Before driving, do observe to avoid accident.
- Don't leave children or the incapable adult in car alone. They may unintentionally touch the switch or control panel, and accordingly result in serious accident.

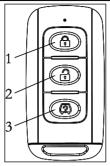
#### Front Door Lock



## Lock / Unlock Door with Key (outside Car)

Upon locking door, close the door, insert the mechanical key into key hole (on driver door or front passenger door), and turn the key clockwise.

Upon opening door, turn the key anticlockwise, and the door will be opened.



## Lock / Unlock Door with **Remote Key**

- 1. Locking button
- 2. Unlocking button
- 3. Car locating button

When locking the door outside the car. close five doors (including backdoor), and press

down the button "[]", to lock such five doors

Before opening door, press button " to use car locating function, and find your car. And

then, press button " to unlock door. When the battery in key runs out or the accumulator runs out, press down the button on the top left corner of key, take out the mechanical key and insert it into the key hole, turn the key toward the direction of car front to open car door.



## Warning

Pull handle with your hand after closing door with remote key to ensure that the door is fully closed to avoid property loss.



## **Operating Range:**

The remote key takes effect only when it is within the specific distance to the car

When the battery in remote key runs out or there is strong radio wave around, the effective distance of remote key will be shorter and even that the remote key is invalid.

### **Remote Locking / Unlocking**

After all doors are closed, press key locking button " less than 2 seconds, all doors and trunk will be locked, and protected, and the steering light will flash for one time. If the doors are not closed well, press key locking button " , all doors will be locked and not protected, and the horn will ring for three times, and the steering light will flash for three times too. Press unlocking button " , four doors will be unlocked and the steering light will flash for two times.

### **Car Locating Function**

Press button " @", it will start car locating function, and the steering light will flash for 15 seconds (touch two times the electric remote key locking button to start locating car).

## **Defense Prompt**

After turning off the engine, taking out key and closing all doors, if doors are not locked within 10 seconds, the steering light will flash for 3 times (the judgment standard is locking or not rather than defense).

#### **Central Control Function**

Insert key and turn the lock cylinder of front passenger door, or operate the central door lock and unlocking button on the switch of front left lifter, the locking device of all doors works normally.

# Window Automatic Rising Function

Close all doors and press the key locking button " over 2 seconds, all doors and backdoor will be locked, steering light

flashes for 1 time, and the controller sends window automatic rising signal to the main switch of lifter. When releasing the locking button, the controller stops sending the window automatic rising signal.

# Window Automatic Lowing Function

Close all doors and press the key locking button "" over 2 seconds, all doors will be unlocked, steering light flashes for 1 time, and the controller sends window automatic rising signal to the main switch of lifter. When releasing the locking button, the controller stops sending the window automatic rising signal

## **Automatic Locking Function**

Turn on ignition switch, close all doors and drive at the speed over 15Km/h, all doors will lock automatically. If stop driving but

not blame out, open the door, get off the car, and then get in the car again and continue driving at the speed over 15Km/h, all doors will be locked automatically. When you stop driving and turn off ignition switch, all doors will be closed automatically.

## Crash-related Unlocking Function

In case of crash, SRS ECU outputs signal to central control lock controller, and then such controller automatically controls all doors backdoor unlocking.

#### **Anti-theft Function**

1. When you lock doors with remote key (after entering defense status) and insert ignition lock, the horn rings within 30s, and the steering light flashes. 2. When you lock doors with remote key (after entering defense status) and open the door manually, the horn rings within 30s, and the steering light

flashes for 30s. 3. When it alarms after manual opening doors, insert the key into ignition lock, it will not alarm again. Similarly, after it alarms after you insert the key into ignition lock, manually open the door, and it will not alarm again. 4. After triggering the alarm, press the remote unlocking button, locking button of trunk button to exit alarm status.

Secondary Locking Function:

Where the doors are not opened after you press down the unlocking button for 30s, the locking device will work automatically, and the horn rings one time.

Learning Function:

The controller can learn two transmitters at most.

The steps are as follows:

- (1) Release controller, close all doors, and open front passenger door for two times within 10s (close open close open).
- (2) Turn off ignition switch for 3

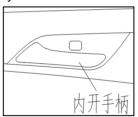
times within 10s (OFF-ON-OFF-ON-OFF).

- If there are satisfactory conditions, the steering light will flash for one time, indicating that it is learning password; and then press any button of transmitter within 30s. if it learns successfully, the steering light will flash for one time; then press any button of transmitter within 30s again, if it learns successfully, the steering light will flash for one time; and finally it will exit learning automatically, and the indicating light will flash for one time.
- (4) Conditions for leaving learning status: set ignition switch at; close front passenger door; no transmitter learning within; learning two transmitters.

(5) If it fails to learn one transmitterat once after entering password learning status, the controller keeps the original transmitter password. If it learns transmitter successfully, only such transmitter takes effective, and the one without such learning is not effective.

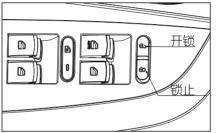


After lock door with remote control, pull each handle to ensure that all doors have been locked to avoid property loss.



# Opening Door via Inward Opening Handle (in Car)

Use the inward opening handles to open front and rear doors. Pull the inward opening handle for one time to unlock the door, and then pull it



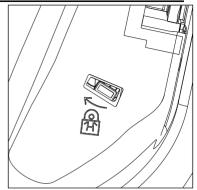
again to open the door.

### **Central Control Door Lock**

Press down the locking button to lock all doors except backdoor. When pressing unlocking button, unlock four doors, and pull handle to open doors.



Central control door lock is installed at the handle of front passenger door.



#### **Rear Door Child Lock**

When using the child lock, use the key to pull its lock knob forwardly to deactivate the inward opening handle of rear doors. Then, rear doors can only be opened outside instead of pulling inward opening handles or pressing down central control unlocking button. Pull the lock knob backwardly to release the child lock.



If there is a child on middle row or

rear row seats, do use the child lock to avoid accident caused by child due to opening door during driving process.

#### **Backdoor Lock**

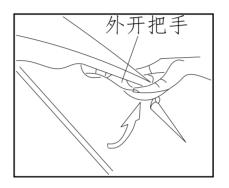


Firstly, press down key unlocking button "", to release defense status.

When you are in car, operate the central control unlocking button on the lifter of front passenger door. And then, press the backdoor micro switch within 30s to unlock it. After 30s or pressing down remote control locking button, press backdoor micro switch, the backdoor will not be locked.

**A** Warning

 Ensure that backdoor is fully closed to avoid it from opening during driving process.



Don't drive when the backdoor is opened or will take dangerous vehicle exhaust into car.

## Backdoor Unlocking

Locking or

 Make a careful inspection before fully opening backdoor to avoid accident due to crash

- between vehicle and pedestrian.
- Park car at a safe and flat place, and ensure that there is no obstacle around backdoor and there is enough space to open backdoor.

Firstly press the backdoor micro switch, and then pull the handle of backdoor opening till that it is fully opened (generally, the backdoor will automatically lift to the top when it is pulled to exceed the balance point, it should be pulled to be fully opened at lower temperature (-30°C), and then the backdoor may stay around the maximum opening position (within 5°)).

When closing the backdoor, press down the backdoor till that it is fully closed.

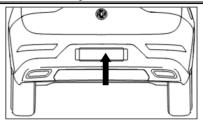
# Backdoor Lock (Electric Backdoor)

Firstly, the key is within the scope that the vehicle can detect and the

power supply is at "OFF"; or the gear shift is at "P" or "N" when the power supply is at "ON". When you are in car, operate the central control backdoor unlocking button on the instrument panel of front passenger door to open or close the backdoor

# Backdoor Locking or Unlocking

When you press the backdoor micro switch, central control switch, remote key switch or use the kick sensor (use you foot to feel the kick sensor to the direction toward the vehicle front at the position indicated in picture (take back your foot at once after feeling)), the backdoor will be opened.



To close the backdoor, press and hold the remote key switch, backdoor inside (outside) switch, central control switch or use kick sensor.

## Warning

Check if the backdoor is locked before driving to ensure driving safety. Check if the backdoor is closed before leaving the car to avoid property theft.

If the backdoor is not locked well during driving, please stop driving when hearing electric backdoor warning (set at "P" or "N" or "OFF"), lock the backdoor and drive.

## **Engine Cover Lock**



 Before driving, please ensure if the engine cover is fully closed.
 If the engine cover is not fully closed, it may open and cause accident during driving process.







In case of any steam or smoke from engine cabin, don't open the engine cover to avoid injury.

## **Engine Cover Opening**

- 1. Pull the unlocking button ① of engine cover lock under the instrument panel, till that the engine cover is opened.
- 2. Pull the engine cover ②。

Air spring lifts the engine cover
 (generally, the engine cover will automatically lift to the top when it is pulled to exceed the balance point, it should be pulled to be fully opened at lower temperature (-30 °C), and then the engine cover may stay around the maximum opening position (within 5°)).

## **Engine Cover Closing**

- 1. Press down the engine cover.
- 2. Slowly move the engine cover to the locking position and press down the engine cover to ensure that it is fully closed.

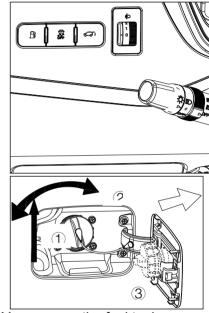
## **Fuel Cap Lock**

**A** Warning

 Fuel is incendive and explosive under certain conditions. The improper operation may cause personal injury. Therefore,

- please blame out when refueling, no smoking and no getting close to any fire.
- Fuel may be under pressure, so, back out the fuel tank cap for half round, and open the fuel cap after hearing fizz to avoid personal injury due to fuel jetting.
- When replacing the fuel tank cap, do use the original spare parts which is tank system safety valve and evaporation control system. The undesirable fuel cap will be a disabler or cause personal injury.

Press down the start button of fuel inlet cap plate on the dashboard (left side of steering wheel) to open the fuel inlet cap plate.



You can see the fuel tank cap after opening the fuel inlet cap plate which is designed as ratchet type, and anticlockwise ① turn to open it.

After refueling, clockwise ② turn

to close fuel cap till that you hear click more than 2 times.

You can hang the fuel cap ③ against the side wall of fuel inlet cap.

## A Note

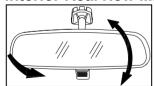
If the fuel is dripping to car body, promptly wash away with water to avoid damaging paint.

## **Rearview Mirror**

Warning

Before driving, check the position and angle of all rearview mirrors, and don't adjust the rearview mirrors in car so as to be focused on driving.

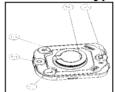
#### Interior Rearview Mirror



#### **Manual Control Type**

 Adjust the angle of interior rearview mirror to the proper position.

## **Remote Control Type**



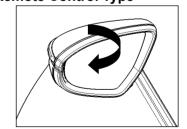
- When the ignition switch is set at "ACC" or "ON", the remote control and adjustment are applicable to the exterior rearview mirror.
- 1. Turn switch to choose the inner rearview mirror ②.
- Press the button "Up", "Down", "Left" and "Right" on adjusting switch @ to adjust the angle of rearview mirror.

## **Exterior Rearview Mirror**



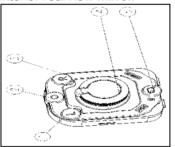
- Don't touch the moving exterior rearview mirror to avoid clamping your fingers or damaging rearview mirror.
- The exterior rearview mirror is folded, don't drive, because it will low your backward visibility and cause accident.
- The distance to the object in exterior rearview mirror is closer than the actual distance.
- The size of and distance to objects outside the exterior rearview mirror are not true.

# Adjustment of Rearview Mirror Remote Control Type



#### Inspection and Adjustment before Driving

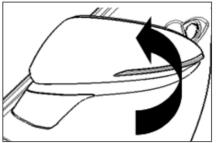
When the ignition switch is set at "ACC" or "ON", the remote control and adjustment are applicable to the exterior rearview mirror.



 Move switch to choose the left rearview mirror ①.

Right rearview mirror ②.

Press the button "Up", "Down", "Left" and "Right" on adjusting switch to adjust the angle of rearview mirror.



Folding and Electric Adjustable Type

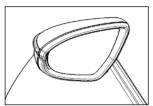
- Press switch 5 to adjust the shell of rearview mirror to fold to the maximum angle.
- Press the rear defroster button on the A/C controller to start the heating function of exterior rearview mirror.

#### **Manual Control Type**

The exterior rearview mirror can be adjustable to any direction to get the ideal horizon.

### Folding and Manual Adjustable Type

Push the



exterior rearview mirror to fold it backward.



### Parking Brake

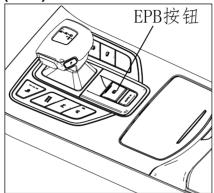
Marnings

- Don't drive when using parking brake, or will make brake hot and invalid, and accident.
- Don't release the parking

brake outside the car, because in such means you cannot step down the brake pedal when the car moves, and accordingly such will cause accident.

- Don't replace parking brake with shifting operating lever.
   When parking, ensure the parking brake can work fully.
- Don't leave child or incapable adult in car alone. They may unintentionally release parking brake, and accordingly result in serious accident.

# Electric Parking Brake (EPB)

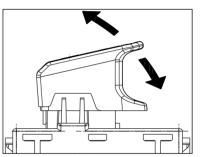


Common function of EPB: static parking / releasing, assistant starting, re-clamping due to high temperature and dynamic parking.

#### Static Parking / Releasing

After parking well, pull EPB switch to start parking brake. The indicator of parking brake will be on (red) and the LED on EPB switch will be on too.

When releasing parking brake, step down the brake pedal and then press EPB switch to release parking brake. The corresponding indicator will be off.



It is a normal phenomenon to hear EPB motor working when the parking brake is started and released.



 If the car is parked for a long time, the battery may be insufficient of electricity or runs out, and the EPB will be invalid. Please promptly replace the battery or apply jump start. The specifications and notes of jump start are referred to the "Jump Start" in "7. Emergency Measures".

 When the car is to be parked for a long time, you are recommended to disconnect the negative wire of battery to prevent the battery from being insufficient of electricity and keep the EPB valid.

#### **A** Warning

- During driving, don't touch EPB switch except any emergency.
- Don't place heavy object on switch.
- Apply proper parking method to ensure safety and

reliability when leaving the car.

- If the EPB is faulted and the indicator is on, please go to the service stations authorized by DFSK for overhauling.
- If you are to replace the brake pad of rear callipers, please get in contact with the service stations authorized by DFSK.

#### **Assistant Starting**

When the car is under parking status, there is no need for driver to press EPB switch. The electric parking can automatically release the parking brake when some conditions are met. Such function can provide the convenience in starting.

With respect to the vehicle with manual transmission, properly

step down the accelerator pedal when releasing the clutch pedal.

#### **A** Warning

- Assistant starting is also applicable to reverse driving, and you have to ensure safety upon using such function.
- To ensure driving safety, you have to fasten seat belt firstly and close the door.
- Don't press EPB switch when stepping down accelerator pedal on slope, or EPB will be released automatically, and the car will move.

#### **Dynamic Parking**

During driving process, pull EPB switch to realize emergency parking.



#### Inspection and Adjustment before Driving

Such function can be used when the driving brake system is out of normal service.

**EPB Automatic Parking** When the ignition switch is set from ON to OFF, EPB will work automatically.

**Warning** 

When the ignition switch is set from ON to OFF, EPB will work automatically.

#### **Safety Precautions**

Marning

- During driving, don't regulate the heating ventilator or air conditioner system or sound system so as to focus on driving.
- Please stop using the system and get in contact with the nearest service stations authorized bν DFSK if finding nay foreign matters in system, liquid onto system, smog from system or other abnormal cases; if you ignore such abnormal cases, it may cause accident, catch fire or get electric shock.
- Don't dismantle or modify the system, or it will cause a fire, get electric shock or others.
- Park the car at a safe place
- Therefore, don't place any

and apply parking brake, and then connect to device via secondary interface to see the image on central display.

A

Caution

When the engine stops working, don't the system for a long time to avoid running out the battery.

# Reverse Camera System

When shifting the operating lever to gear "R", the reverse camera system will show the image after the car. The system is for helping driver to detect the bigger stationary objects to avoid damaging car. Please note that the system may not detect the small objects under or close to the bumper or on the ground.

#### **Warning**

 Rearview camera is objects on the camera, and convenient for parking assistance rather than taking place of reverse method. Before reverse, please check and verify if it is safe to reverse. Please be slow when reversing the car.

- The system uses wide-angle lens, so distance from the car to the objects in the reverse camera system is different from the actual distance.
- It is visually opposite for the objects in the reverse camera system, and it is the same to see the objects from the inside and exterior rearview mirror.
- Confirm that the backdoor is closed safely when reversing the car.
- The camera has limited service area, and it cannot show the area under the bumper and the corner.

the camera shall be installed

on the decorative cover of license plate light.

- When washing the car with water torch, don't wash the area around the camera, or the water may get into the camera, condensate onto the lens, and accordingly result in fault, fire or electric shock.
- Don't hit the camera which is a precise instrument, or it may be faulted or damaged, and accordingly result in fire or electric shock.

Caution

There is a plastic cover over the camera. Don't scratch it when removing dirt or snows from it.

 It will take some time to shift the operating lever to gear "R" from other gears or from gear "R" to other gears.

# How to read the reference line in reverse camera system

#### **Warning**

- Use the line shown in the camera as reference line which is greatly subject to quantity of passengers, fuel level, road conditions and slope. When reversing the car, keep directly observing the situation around the car.
- Only on the horizontally-paved roads, the distance reference line and car width reference line can be referred. The distance shown in the reverse camera system is for reference only, and it may be different from the distance from the car to the objects shown.
- When reversing the car on slope, the distance from the car to the objects shown in the camera may be longer than that actual. When reversing the car on slope, the distance from the car to the Before the rearview monitor screen fully displays, the objects displayed may be deformed.

- objects shown in the camera may be shorter than that actual. Please use the interior rearview mirror or turn around to observe to correctly judge the actual distance.
- The reverse camera system shows the car length and the distance to the reference object from bumper reference line.
- These show the distance to the reference objects, and the reference line shown means the distance within ① 0.5m (red),
   2 1m (yellow) or ③ 2m (green) to the bumper reference line

#### **Operation Tips**

- When driver shifts the operating lever to gear "R", the display screen will automatically shift to the rearview monitor mode of reverse camera system and give a voice prompt.
- When the temperature is too high or low, it is not a fault that the display screen may not clearly show the

objects.

 When the glare directly goes into the camera, it is not a fault that the display screen may not clearly show the objects.

- The driver may see the perpendicular line on the objects shown in the display screen. It is just caused by reflection of bumper but not a fault.
- It is not a fault that the display screen may flash.
- The color of objects shown in the reverse camera system may be different from that of actual objects.
- It is not a fault that the display screen may not

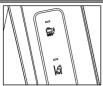
clearly show the objects at dark place or night.

- If there is dirt, rain water or snow on the camera, the reverse camera system may not clearly show the objects, so please clean the camera.
- Don't clean the camera with ethyl alcohol, benzine or diluent. Such will cause color fading. To clean the camera, please wipe it with a cloth dipped with neutral detergent, and then wipe it with a dry cloth.
- Don't damage the camera, because the display screen may be impacted.
- Don't wax the camera. Wipe

all waxes on it with a clean cloth dipped with neutral detergent.

# Surround View Camera

When you shift the operating lever to gear "R", the surround view camera system will show the image of the car. When you do not shift the operating lever to gear "R", you can manually start "360°", then the system will show the image of the car and you can also choose button "Front", "Rear", "Left" and "Right" and both sides to display the surrounding. The system is for helping driver to detect the bigger stationary objects to avoid damaging car.



# Anti-collision Radar System

The car is equipped with anti-collision radar system. The low-end model is equipped with 4 anti-collision radars. and the high-end model is equipped with 6 anti-collision radars. The anticollision radar system works together with the surround view camera system to avoid vehicle damage. The rear probe can detect the longest distance of 1.2m, and the front probe can detect the longest distance of 1m. During driving process, if the objects behind are less than 1.2m away from the vehicle or the objects in front of the vehicle are less than 1m away from the vehicle, the system will give anti-collision prompt. The shorter the distance is, the bigger the prompt frequency is.

#### Carcorder



The vehicle is equipped with carcorder. The carcorder will automatically records the road conditions by default during driving process. When the memory of the audio recorded exceeds the amount of memory card, the newly-recorded audio will cover the previous and you can check and save the audio selected on the left side of DVR interface.

# Heating Ventilator and Air Conditioner

#### Warning

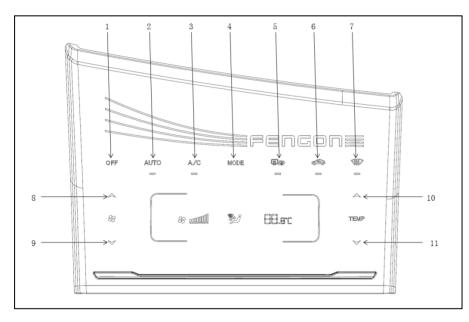
- Heating ventilator and air conditioner can only work when the engine is operating. When the engine is off, and the ignition switch is set at "ON", the blower can work normally.
- Don't leave the child or other

adults who need to be taken care of or the pet in the car alone, because they may unintentionally touch the switch or controller, and accordingly result serious accidents or casualties. On a hot and sunny day, the temperature in the closed car will rise quickly, which may cause serious or fatal damage to person or animal.

 Don't use the internal circulation mode for a long time, or it may result stable air in car or foggy windows.

#### A/C Control Panel

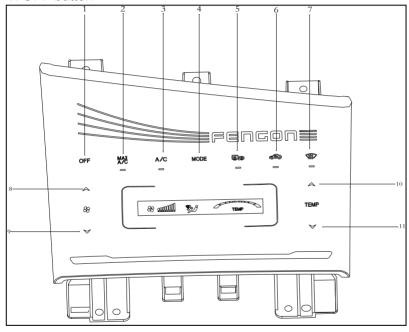
A/C Controller (Automatic)



- 1. OFF button
- 2. Auto Model button
- 3. A/C button
- 4. Air Model button
- Rear defrosting and rearview mirror heating button
- 6. Internal and external circulation button
- 7. Front defroster button
- 8. Air volume +
- 9. Air volume -
- 10. Temperature +

#### A/C controller (electric)

1. OFF button



- 2. MAX A/C button (max. cooling)
- 3. A/C button
- 4. Model button
- 5. Rear defrosting and rearview mirror heating button
- 6. Internal and external circulation button
- 7. Front defroster button
- 8. Air volume +
- 9. Air volume -
- 10. Temperature +
- 11. Temperature -

#### Operation of Heating Ventilator Heating (if equipped with auto A/C):

- 1. When you press the automatic A/C button "AUTO", the indicator is on, and the A/C system automatically controls air volume, air mode, internal and external circulation and compressor, and keep the current setting temperature.
- If you don't use the auto mode, you can select internal/external circulation

- mode for normal heating as per your demands. Where there is great a difference in inside and outside temperature, use the external circulation mode, so as to reduce the case that the windows get foggy.
- 3. You can select the air mode you need by pressing mode button "MODE". You can switch the air mode in the order of top blowing mode

  → top and foot blowing mode

  → foot blowing mode and defrosting mode.

- You can control air volume by using the buttons air volume + and air volume -.
- You can control temperature by using the buttons temperature + and temperature -.

#### **Heating and Defrosting:**

It is for heating the inside car and defrosting the windows.

 Where there is great a difference in inside and outside temperature, ensure that the internal circulation button "" is off (the indicator is off), to reduce

the case that the windows get foggy. When the air humidity is greater, start AC.

You can press the button
 "MODE" to switch mode as
 per your demands. You can
 switch the air mode in the
 order of top blowing mode
 → top and foot blowing
 mode → foot blowing mode

#### Operation of A/C

The A/C system shall work 10 minutes every month so as to avoid it is damaged due to

- → foot blowing mode and defrosting mode, and adjust to foot blowing mode..
- You can control air volume by using the buttons air volume + and air volume -.
- You can control temperature by using the buttons temperature + and temperature -.

lack of lubrication.

#### Cooling:

It is used for cooling and defrosting air.

. Press down the internal circulation button "

- Quickly defrost the outer surface of windscreens and regulate the air volume to the largest.
- If it is difficult to defrost the windscreens, you can press the button "" to regulate the mode to defrosting mode.
- Regulate the mode to faceblowing "gear
- Regulate the air volume as required.
- Press down "A/C" button.
   ("A/C" indicator is on.)

5. Lower the temperature. If you want to cool the car quickly, lowest the temperature. (You can also press the button "AAC")

Under the moist heat condition, you will see mist from the ventilator, which is caused by quickly cooling of air, and it not means fault of ventilator.

# Dehumidifying and Defogging:

It is used for defogging the windows and dehumidifying the air.

Press down the front

defroster's defogging button

- " (the system automatically starts A/C, the inlet mode is external circulation, but it can be regulated manually.)
- You can control air volume as required by using the buttons air volume + and air volume - transition.
- You can control temperature as required by using the buttons temperature + and temperature -.
- Where there is great a difference in inside and

outside temperature, use the external circulation button. When the air humidity is greater, start AC, so as to reduce the case that the windows get foggy.

#### Overhaul of A/C



The A/C system includes the coolant under high pressure. To avoid personal injury, the A/C system shall be repaired by the senior technical who has special equipment.

Your car A/C system contains the environmental

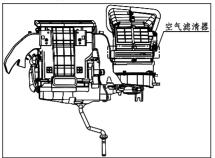
Emergency	Measures
-----------	----------

coolant.				damage the ozone layer of the	impact on global warming.
Such	coolant	will	not	earth. However, it has a slight	

When repairing your car A/C, use the special filler and lubricant. The disqualified coolant or lubricant will seriously damage the A/C system. (See details in "10. Technical Information" for "A/C Refrigerating Fluid and Lubricant".)

The service stations authorized by DFSK can overhaul your environmental A/C system.

#### A/C Filter

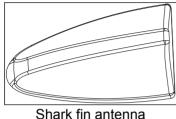


The A/C system is equipped with A/C filter (in HVAC assy.) for removing dirt, pollen, dust or others. To ensure that the A/C can effectively heat, defog and

ventilate, please replace the filter as per the maintenance period as specified in the annexed maintenance manual. If replacing the filter, please get in contact with the service stations authorized by DFSK.

If the air flow is obviously reduced or the windows are foggy when the ventilator or A/C is working, please replace the filter.

#### **Antenna**



To ensure radio effect, don't dismantle or replace the antenna without permission.

Caution

- Keep the antenna far away from electronic control module as far as possible.
- Keep the antenna 20cm away from the engine control harness. Don't

parallel the antenna to any harness.

#### **Sound System**

For better operation of sound system, we provide the detailed instructions for sound system so as to be convenient for your use, diagnosis and repairing.

# Precautions for Sound System Operation Warning

During driving, don't regulate the sound sound system so as to focus on driving.

#### Player

- The reception quality of station may be affected due to signal strength, radio emission distance, building, bridge, mountain and others. In general, the reception quality is caused by the said reasons.
- Using the mobile phone in car or nearby will affect the reception quality.

#### Notes:

- 1) It is available for 256G usb at maximum;
- It is available for FAT16 and FAT32 file system;
- It is available for VFAT (long file name), 16 layers of file folders at maximum;
- The file name and file folder's name can be of 255 bytes at maximum, and not case sensitive;
- Single file is not be more than 2G;

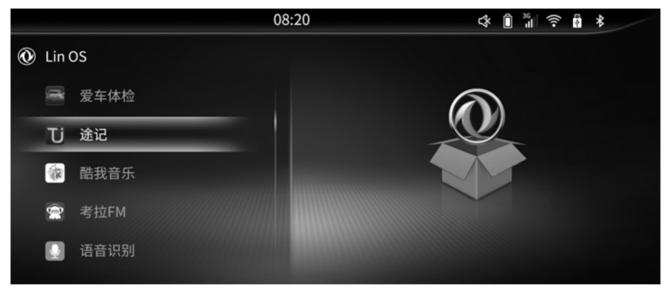
- 6) It is unavailable for USB, HUB, MTP and mobile HD;
- 7) It is available for such audio formats as wav, m4a, 3gp, aac, asf, wma, mp1, mp2 & MP3;

#### **Sound System**

- 1. Navigation
- 2. Broadcasting station, media
- 3. Baidu CarLife
- 4. Phone
- 5. A/C
- 6. Driver assistance
- 7. Lin OS
- 8. System setting
- 9. Call center

Note: refer to the specific details for MP5 functions operations in the "setting" of vehicle system interface.





#### Lin OS

High-end model is equipped with Lin OS. Users can can download the "SDF Glory" APP from the mobile APP store; query the system open and closed state, maintenance information, instrument information, temperature and air, vehicle 106

physical examination, driving information, battery and energy consumption, etc.; realize vehicle remote control, voice control, intelligent key, call

rescue center, anti-theft function; directly query the mobile 4S shop for booking maintenance; choose the corresponding navigation services, and Glory car circle; and use illegal inquiry,

service phone, driving agent, rental and mobile payment services.

#### **Run-in Period**

During the first 2500km, please follow the following advices to ensure car's future reliability and economic efficiency, or it may affect the engine life and performance:

- Don't drive at a constant speed, high speed or low speed for a long time.
- The engine rotational speed shall not be more than 3.000rpm.
- At any gears, don't fully step on the accelerator pedal.
- Don't start at a high speed.
- Don't apply brake suddenly.
- Don't tow your car within the first 800km.

On the straight road, shift gears as per the following speed:

	Recommended
Gear	speed (km/h)
	MT
1st gear	20 ~ 30
→2nd gear	
2nd gear	35 ~ 45
→3rd gear	
3rd gear	60 ~ 70
→4th gear	
4th gear	80 ~ 90
→5th gear	
5th gear →6th gear	≥100
→6th gear	

Note: The recommended speed is for reference only.

# Before engine starting Warning

Your car's driving characteristics may be greatly changed due to additional load, load distribution or additional devices. Your driving method and speed must be adjusted as per such factors. Especially, when the load is too

heavy, your car speed must be lower properly.

- Confirm if there is obstacle around your car.
- Check if the tire appearance, status and pressure are normal.
- Check if all windows and lights are clean.
- Adjust seats and headrests position.
- Adjust the interior rearview mirror and exterior rearview mirror.
- Fasten the seat belt and ask all passengers to do so.
- Ensure that all doors are closed.
- Set the key at "ON" and check the operating status of waning light / indicator.
- Regularly check the maintenance items in "9. Maintenance and What You Can Do".

# Notes for Starting and Driving

#### Warning

- Don't leave children or the incapable adult or pet in car alone. Because they may unintentionally touch the switch or operate control rod, and accordingly result in serious accident. In the high-temperature and sunny day, the temperature of closed cab will get higher quickly, and such high temperature will result in serious injury and even death.
- To avoid the moving baggage or package getting passengers injured, don't pile any articles higher than the back of a seat in car.

### Exhaust Gas (CO)

#### Warning

- Don't intake exhaust gas which contains the colorless and odorless carbonic oxide which is hazardous, knocks out persons and even gets persons died.
- If you doubt that any exhaust gas enters into the cab, please open all windows and check your car at once.
- Don't let the engine run in such closed space as parking lot for a long time.
- Don't let the engine run for a long time when parking your car.
- Drive your car when the backdoor is closed, or the exhaust gas will enter your car. If you have to drive under special case requiring to open the backdoor, please

follow the following notes:

- Open all windows, turn off the internal circulation mode, and turn off the fan speed to the maximum so as to circulate air.
- If the electrical harness or harness connector has to pass the backdoor sealing parts or vehicle body, please follow the manufacturer's recommendations to keep CO away from cab.
- If you are to install special devices or equipment for entertainment or other purposes, please follow the manufacturer's recommendations to keep CO away from cab. (Some equipment as stove, refrigerator and heater will generate CO.)
- Check the exhaust system and car body in case of the

following circumstances: When lifting your car for maintenance:

When doubting that any exhaust gas enters into cab; When hearing the change of exhaust system sound; and When finding that the exhaust system, vehicle under body and rear part are damaged in accident.

### Three-way catalytic converter

#### **Warning**

- The temperature of exhaust system and exhaust gas is high, so please keep persons, animal and inflammables away from the parts of exhaust system.
- Don't park your car on inflammables including hay, waste paper or duster cloth, which will catch them fire.
- Three-way catalytic

converter is the exhaust control product installed on exhaust system, and the exhaust gas in it will burn under a high temperature to as to reduce the pollutant discharged.

#### Warning

- Don't use the leaded gasoline (see the "Recommended Fuel / Lubricating Oil and Capacity" in "10. Technical Information"), because some ingredients in leaded gasoline will greatly reduce the performance of threeway catalytic converter and even damage it.
- The regular adjustment of engine, and the fault of ignition system, fuel injection system or electronic control system will result that the superfluous fuel will flow into the three-way catalytic converter and cause overheating. When engine

- misfires, engine performance evidently reduces, or there is irregular fault, please stop driving, and send your car to the dealer for fault overhaul.
- Don't drive the car when there is a little fuel in fuel tank, because it will result in that the engine is off and accordingly damages the three-way catalytic converter when the fuel runs out.
- Don't slam on the accelerator pedal when pre-heating engine.
- Don't start engine by pushing or towing it.

#### **Notes for Driving**

It is very important to drive as per environment and conditions for driving safety and comfort. A driver has to know how to drive under the current conditions.

### Startup of Gasoline Engine

When starting the gasoline engine, set the gear shift lever of transmission to

P gear, and press start button. Then, the starter starts the gasoline engine.

- (1) Gasoline engine management system, under any circumstances, will provide proper gas-oil mixture air-fuel ratio and advance angle of ignition. Therefore, under any weather conditions, you have no need to step accelerator.
- (2) If you cannot start the gasoline engine after several attempts, maybe the spark plug is short-circuited due to oil spilling caused by gasoline engine Then, you have to completely step the accelerator pedal to start the gasoline engine again (the electronic controller will control the nozzle and cut off the oil supply). The high-speed air flow will remove the oil spilling within 5 6 seconds. Then, you can release the accelerator pedal to start the gasoline engine again.

#### **Cold Start of Engine**

The rotational speed of engine is higher, so operate the gear carefully during the period heating the engine after cold start. The temperature in winter is low, so the engine oil viscosity increases, and the gasoline engine shows the lubrication effect poor than that in summer. Therefore, don't drive at once after starting gasoline engine, and don't let it work at a high-speed and with great load, and heat the vehicle for 10 minutes at idle speed to heat the gasoline and cooling liquid. After the gasoline engine is lubricated completely, you can drive.

#### **Cargo Loading**

Load and its distribution as well as accessories (connecting device, top luggage rack, etc.) will greatly change the operating and driving characteristics of vehicle. Your driving type and speed must be subject to the actual case.

#### **Driving on Wet Roads**

- No sudden starting, speeding up and braking.
- No sharp turning or sudden changing lanes.
- Keep a safe distance from the front vehicle.

In case of any water on road, slow down to avoid sliding or being out of control. When the tire is worn, it will be more dangerous.

#### **Driving in Winter**

- Ensure safe driving.
- No sudden starting, speeding up and braking.
- No sharp turning or sudden changing lanes.
- No sudden steering.
- Keep a safe distance from the front vehicle.

#### **Ignition Switch**



Warning

During driving, neither take out key nor set the ignition switch at "LOCK". If not, the steering

wheel will be locked, getting the car out of control. Such may cause serious vehicle damage or personal injury.

Ignition switch includes a device preventing the key from being out of ignition switch during driving.

Only when the ignition switch is set at "LOCK", can the key be taken out.

Although the ignition switch is without sign, "OFF" position is between "LOCK" and "ACC" positions.

#### **Steering Lock**

Locking of Steering Wheel

- 1. Set the ignition switch at "LOCK" position.
- 2. When the key is inserted into the ignition switch, take it out.
- 3. Vertically turn the steering wheel for 1/6 round.

Unlocking of Steering Wheel

- 1. Insert the key into the ignition switch.
- 2. Slightly turn the key when steering left and right.

#### **Key Position**

Take out the key and lock the steering wheel only when it is set at "LOCK".



Release the ignition key once the engine is started.

#### **Engine Starting**

- Use parking brake.
- Step on the brake pedal.
- When starting engine, set the operating lever at "N" gear (Neutral Gear), and fully step on the clutch pedal. (As for the vehicle with automatic transmission, set the operating lever at "P" gear or "N" gear)

- Set the ignition switch at "START" position. Start the engine, and place foot on brake pedal.
- After the engine is started, promptly release the ignition switch. If the engine can be started but cannot run, repeat the aforesaid procedure.

If it is difficult to start the engine under extremely cold or hot conditions, step the accelerator pedal to start it.



- The operation time for starting engine shall not be more than 5 seconds. If the engine cannot be started, set the ignition switch at "OFF" and wait for 10 seconds before next starting, or the starter may be damaged.
- If it is necessary to use the

spare battery and jump wire to start engine, please carefully abide by the specifications and notes of jump start in the "Jump Start" in "7. Emergency Measures".

 After the engine is started, operate the engine without load at least 30 seconds for pre-heating. Please drive at a medium speed at first, especially in winter.



#### Notes

 When pre-heating the engine, do not leave your vehicle unattended.

# Passive Entry Passive Start (PEPS) (optional) Activated Area

- The activated area of engine start-stop system is in car.
- 2. The activated area of entry function is about 1.2m away from the passive entry button on the

handle of front passenger door.

 That for backdoor opening is about 1.2m away from the backdoor opening button.

#### **Passive Entry Function**

Only when the intelligent key is in the function activated area, can the passive entry function be used.

# Passive Unlocking and Locking

Unlocking: when four doors are locked and you press down the passive button on the handle of driver door, the four doors will be unlocked simultaneously, and the steering light will flash for two times.

Locking: when four doors are unlocked and you press down the passive button on the handle of driver door, the four doors will be locked simultaneously, and the steering light will flash for one time. Under

the following circumstances, the doors cannot be locked via passive button:

- 1. The power is not set at "LOCK":
- 2. The intelligent key is left in car; or
- 3. A door or backdoor is not closed.

#### **Backdoor Opening**

When the intelligent key is within the activated area of backdoor and the backdoor is locked, press the passive button at the lower of backdoor to open it.

#### **Engine Start-stop System**

When the intelligent key is within the activated area of engine start-stop system, press the start-stop button to start and stop the engine or switch the power mode ("OFF", "ACC", "ON", "START").

The background light of start-stop switch is white. When the power mode is "ACC", the orange indicator is on; and when the power mode is "ON", the green indicator is on.



Power switching: in CVT vehicle, except that it is at P gear or N gear and the brake pedal is pressed, the power of start-stop button circulates in order of "OFF", "ACC", "ON" and "OFF".

#### **Passive Starting**

Before starting (CVT vehicle)

- Turn off the unnecessary electric devices:
- Ensure that the intelligent key is within the activated area in car;

- 3. Set the gear shifting lever at "P" or "N"; don't start if it is set at other gears; and
- 4. Step on the brake pedal. Engine Start-stop System

For starting engine, you must abide by the requirements for "Before Starting" and the relevant vehicle model.

Press the start-stop button (regardless of any power modes the start-stop button is at), to start the engine.

#### Engine off

- When the speed is less than 4km/h, press start-stop button to blame out. Then the power is set at "OFF".
- In emergency case, press the start-stop button over 3s or press it over 3 times within 2s, the engine will be off.



Don't turn off the engine during driving. If not, your car will be out of control, and accordingly result in accident.

#### Notes

If the car runs when its engine is with greater loads for a long time, the engine will be too hot after being off. To avoid damaging engine, keep the engine running at neutral gear for 2 minutes before turning off it.

#### Driver Assistance System Lane Departure Warning (LDW) Vehicle Configuration

Attention, the Manual covers all standard equipment, national equipment and special equipment of this vehicle model. Therefore, some equipment or functions

mentioned in the Manual may not be equipped for your vehicle or only provided in some markets. For the specific configurations, please look into the relevant sales data or consult the dealer from which you purchase you vehicle.



#### **Warning**

LDW system is an auxiliary tooltip and works normally when the lane line is clear. Under some circumstances, LDW system may not work normally or does not work. For instance:

The lane line is unclear, not standard lane line or covered: There are objects affecting the identification of lane line on pavement (such as ponding, gap,track, text label or others); There is poor visibility (such as rain, snow, haze or others); There is great impact from crosswind on vehicle: The lanes are merged or split up;

There is bright light on the camera or there is sudden change to illumination intensity; The front windscreen around the camera is dirt, damaged or covered:

The vehicle is on sharp turn or narrow roads:

The vehicle gets too close to the front vehicle and obstructs the camera's detection range. Therefore, under any circumstances, driver must

Notes

focus on driving.

LDW system is designed for the vehicle on expressway and other roads with good conditions, so it works normally when it runs at the speed over 60km/h.

When the Driver Assistance System detects at least one lane line, it is at ready state. If you turn on steering light, emergency light or actively change lanes before passing through the lane line or takes other active actions, the system will not intervene.

#### Introduction to Functions

LDW function identifies the lane line via the camera on front windscreen, and it may give sound-light alarm when the driver swerves unintentionally

out of the lane to remind the driver of safe driving.

#### Instructions

After ignition, press LDW button to start the LDW function. When the function is started, you will turn off the function if you press the button.

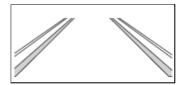


After choosing the LDW function in MP5 driver assistance menu, you can set the LDW sensitivity and alarm sound. There are three levels of sensitivity including high, medium and low. You can choose different ones according to your demands. You can also turn off the LDW alarm

sound in the option of LDW alarm sound. After you turn off such sound, the combined instrument will not give alarm sound.

#### **Instrument Display**

After you start LDW function, the combined instrument will display the lane line.



Lane line		
Status	Meaning	
Grey	No lane line detected	
Green	Lane line detected	

Red	The vehicle deviates
	when the driver does
	not active change
	lanes. Then, the
	vehicle will give alarm
	sound to remind the
	driver of correcting
	direction and
	returning back onto
	the original lane.

# Front Collision Warning (FCW) Vehicle Configuration

Attention, the Manual covers all standard equipment, national equipment and special equipment of this vehicle model. Therefore, some equipment or functions mentioned in the Manual may not be equipped for your vehicle or only provided in some markets. For the specific configurations, please look into the relevant sales data or consult the dealer from which you purchase your vehicle.

#### Warning

Front Collision Warning (FCW) system is just a auxiliary tool. It cannot judge the road and traffic conditions on behalf of the driver or drive the vehicle on behalf of the driver. Under any circumstances, driver must take charge of vehicle safety, and focus on driving at any time. Under complex driving conditions, the FCW system may give unnecessary alarm. Under some circumstances. FCW system may not work normally or does not work. For instance:

There are objects affecting the identification on pavement (such as ponding, gap,track, text label or others);

There is poor visibility (such as rain, snow, haze or others);
There is great impact from

crosswind on vehicle; The lanes are merged or split

The lanes are merged or split up;

There is bright light on the camera or there is sudden change to illumination intensity; The front windscreen around the camera is dirt, damaged or covered;

The vehicle is on sharp turn or narrow roads;

The vehicle gets too close to the front vehicle and obstructs the camera's detection range.

#### **How to Use**

After the engine is started, the FCW system is on by fault.
After choosing the FCW function in MP5 driver assistance menu, you can turn off the FCW function or alarm sound and set the LDW sensitivity.
In function option, you may turn

off the FCW function as demanded.

There are three levels of sensitivity including high, medium and low. You can choose different ones according to your demands.

You can also turn off the FCW alarm sound in the option. After you turn off such sound, the combined instrument will not give alarm sound.

### Safe Distance Prompt Function

When the FCW systems considers that there is short distance away from the front vehicle, the combined instrument will give prompt that "Please Keep Safe Distance".

#### **FCW Function**

When the FCW detects the potential front collision risk, the combined instrument will give

prompt of "Collision Danger" and give alarm sound. Then, driver should take actions at once.

In case of sudden dangers (such as sudden brake of the front vehicle), two alarms may be activated at the same time and driver has to drive carefully.

# Vehicle Driving

# Warning Don't suddenly lowe

- Don't suddenly lower gear on wet and slippery road or will cause the vehicle to be out of control.
- Don't enable the engine rotational speed to be too higher when lowering gears or will cause the vehicle to be out of control or damage engine.



 Don't put your foot on clutch pedal during driving.

- If not, you may damage the clutch system.
- When shifting gears, confirm to fully step on the clutch to avoid damaging transmission.
- During driving, don't set at "N" gear (neutral gear), or will cause accident for the reason that the engine brake is out of service.
- Fully park your car before shifting to "R" gear (neutral gear).
- When parking your car for a moment, such as waiting for traffic light, you may set at "N" gear (neutral gear), release the clutch pedal, and step the brake pedal.

#### **Vehicle Starting**

- Step on the brake pedal and shift the operating lever to "D" gear.
- Slowly step on the accelerator pedal and release the clutch pedal and parking brake handle.

#### **Gear Shifting**

When you set the operating lever at "D"

gear, the wheels will be controlled and shifted gear as per accelerator opening and speed.

You can also set the operating lever at "S" gear, and manually turn the operating lever to shift gear.

#### **Warning**

 To avoid damaging transmission, 1. don't set at "R" gear (reverse gear). 2.
 Before shifting to "R" gear (reverse gear), park your car over 3s.

#### **Parking**

#### **Warning**

- Don't park on combustibles, such as hayfield, waste paper or waste cloth. Because they may cause fire.
- The safe parking procedure requires you to pull the parking brake handle or electrical parking switch, and

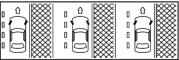
shift operating lever to proper gear, or will cause your car suddenly moving or sliding and accordingly cause accident.

- If nobody guards your car, don't keep engine running.
- Don't leave children or the incapable adult in car alone. Don't leave pets in car alone. Because they may unintentionally touch the switch or controller. and accordingly result in serious accident. In the hiahtemperature and sunny day, the temperature of closed cab will get higher guickly, and such high temperature will result in serious injury and even death.
- As for AT vehicle, you must shift to "P" gear when it is parked well. If you shift to "P" gear before it is completely

parked, you may damage the transmission. For this, DFSK will not provide warranty regardless of that it is within the warranty period.

- 1. Ensure that you use the parking brake handle or electrical parking switch.
- Step clutch pedal and shift the operating lever to "R" gear (reverse gear). When parking the vehicle on uphill road, set the transmission at "1" gear.

(As for the vehicle with automatic transmission, set the operating lever at "P" gear)



 When parking your car on the side of a slope, adjust the wheel direction to avoid slipping into lanes. 1 Toward downhill:

Turn the wheel toward the curb, move the car toward to slightly touch the curb, and then pull the parking brake bar or electrical parking switch.

② Toward uphill:

Turn the wheel toward the curb, move the car backward to slightly touch the curb, and then pull the parking brake bar or electrical parking switch.

③ Without curb - uphill or downhill:

Turn the wheel toward the roadside so as to deviate the road center when driving, and then pull the parking brake bar or electrical parking switch.

4. Set the ignition switch at "LOCK" and take out the key.

#### Trailer Towing



The damage caused by trailer towing is not within the warranty scope.

Your car is designed for carrying passengers and cargoes. Trailer towing is an additional load for your car's transmission enaine. power system, steering system, brake and other systems. system Trailer towing may keep it shaking (due to side wind. bumpy road, passing-by trucks, and others) and others. Please adjust driving mode and speed to adapt such cases. Before towing, please consult relevant dealer to know about how to properly use towing devices.

#### **Notes for Operation**

- Don't tow the car during runin period.
- Before towing, please ensure that the car to be towed has a good lighting system.
- During towing, please abide

- by the legal provisions for maximum speed.
- Don't exceed 100km/h.
- No sudden starting, speeding up or stopping.
- No sharp turning or sudden changing lanes.
- Drive at a medium speed.
- Abide by instructions of Towing Manual.
- Choose proper coupling devices (including tow hook, safety chain and others). You may consult DFSK dealer for purchasing such devices and more notes for towing.
- The towing load (total of trailer and cargo) shall not be more than the setting value of vehicle and coupling device. For further details, please consult DFSK dealer.
- As for trailer loading, put the heavier objects above the

- car. The load shall not exceed the maximum vertical load of tow hook.
- Please regularly maintain your car. The interval for maintenance shall not be less than the specified value on the Maintenance Manual.
- Due to the increase of traction and resistance, the towing may consume much fuel than that consumed by normal driving.
- In towing, please note the temperature indicator of engine coolant, to avoid overheating vehicle.

#### Tire Pressure

When towing, inflate tires to meet the maximum recommended value (or full-load) marked on the winter wheels.

Don't tow your car with spare tires.

#### **Safety Chain**

Use the qualified safety chain between your car and trailer. Cross the safety chain and fix it onto the tow hook rather than the bumper or axle. Ensure that there is enough space for steering.

#### **Brake light**

Ensure that the installation of trailer brake shall comply with the local laws and regulations. Meanwhile, check and ensure other towing devices meet the local laws and regulations. When parking, apply the brake of your car and trailer. If the trailer has a mechanical brake, pull it at the same time. Don't park your car on slope. If it is inevitable to park your car on a slope, set the operating lever at proper gear and keep the front wheels toward the roadside.

# Electric Power Steering (EPS) System Warning

During driving, if the engine is out of

service of turned off, the electrical power steering system will be out of service, then it will be difficult to steer. When the engine is working, the electric power steering (EPS) system's warning light is on, which means that the electric power steering (EPS) system is abnormal. You can operate your car, but you have to be careful.

When steering, the electric power steering (EPS) system will provide additional steering force so as to reduce the burden for driver to turn the steering wheel.

When parking car or driving at a low speed, keep turning the steering wheel, and then the force provided by electric power steering (EPS) system will be reduced. Such will prevent the electric power steering (EPS) system from damaging due to overheating. When the force is reduced, it will be difficult to operate the steering wheel. When the temperature of electric power steering (EPS) system is reduced, the force will resume to be normal. Don't keep turning the steering wheel, or will overheat the

electric power steering (EPS) system. If turning the steering wheel so fast, you will hear obvious grating sound. If necessary, please consult the service stations authorized by DFSK for inspection.

When the engine is running, the electric power steering (EPS) system is on, indicating that the steering system does not work normally, and it shall be sent to DFSK dealer for inspection and repairing.

When EPS alarm light "flashes", it means that EPS does not finish median self-learning, and cannot realize active correction. Driver has to confirm that if the four-wheel positioning parameters are normal and let EPS finish median self-learning. After finishing learning, EPS alarm light will not flash.

When the engine is working, the electric power steering (EPS) system's warning light is constantly on, which means that the electric power steering (EPS) system is faulted. You can still control your car, but it will be abnormal for steering (without power, abnormal power or others), especially

in case of sudden turn and driving at a low speed.

#### **Brake System**

The brake system has two independent hydraulic circuits. When one circuit is faulted. another one will still work and generate brake force for two wheels. In braking process, the speed is reduced by the brake friction and the friction between tires and ground. The slight friction and the friction sound between tires and ground are normal during braking process: and the squeal in braking is normal too. This may because other matters are pasted on the friction during driving face process, and the friction face may be rusty due to being out of service for a long time or rainy day. If the frequency of squeal is not greater, it is unnecessary to be treated specially.

To avoid affecting pedal stroke, don't place thick carpet within the brake pedal area.

#### **Brake Precautions**

Reasonable use of brake friction pair

Brake friction pair is a device directly providing friction for car brake. If it exceeds the use limit of brake friction pair, the brake will be out of service, and even damage the brake disc. Therefore, please replace brake friction pair timely. (The maximum remaining thickness of brake block of front wheel disc brake is 2mm, and that of rear wheel is 2mm too.)

## Notes

To run in the friction plate and brake disc, and ensure performance and service life, you'd better avoid sudden brake or long-term brake within 200km after purchasing a car and reinstalling a new friction plate, so as to reach the optimal brake performance.

#### Vacuum Auxiliary Brake

The brake booster realizes auxiliary braking by engine vacuum. If the engine flames out or the driving belt is broken, you can step on the brake pedal to park your car, but you have to increase power to step on it to park your car, and the brake distance will be longer too.

During driving, if the engine is out of service or turned off, the auxiliary brake will not work, and it will be more difficult to brake.

## Notes

When you drive at high altitude localities, the continuous braking may increase the force for brake pedal.

## Warning

Don't slide your car when turning off engine.

#### **Braking**

Don't rest your foot on brake pedal during driving. Because it may overheat the brake, accelerate to wear friction plate, and reduce fuel economy.

To avoid accelerating to wear friction plate, and overheating brake, before entering down slope or long slope, please reduce speed and shift to lower gear. Brake overheating will reduce brake performance, and cause vehicle to be out of control. When driving on slippery road, be cautious when braking, speeding up or shifting gears. Sudden braking and speeding up may cause wheel to slide, and accordingly result in accident.

#### **Wet Brake**

After car washing or driving on ponding road, the brake will be wet, which will prolong brake distance, and your car may slide to one side when braking.

To dry the brake, slightly step on brake pedal to heat the brake when driving at a safe speed, until the braking function gets right. Before this, don't drive at a high speed.

#### **Driving Uphill**

It may be difficult to use operating brake and clutch when starting to drive uphill. Do use parking brake. Don't idle the clutch. When you are to start, slowly release parking brake use the manual transmission, step on accelerator pedal and release clutch.

#### **Driving Downhill**

When you drive downhill, the engine can effectively control

speed. Do set the operating lever at the lower gear. Such gears can fully plays a role of engine brake performance.

# Anti-lock Brake System (ABS) Warning

ABS is a complex device, but it cannot avoid accident caused by carelessness or dangerous driving. It is helpful for controlling vehicle better when braking road. However. slippery please note that the brake distance is more longer than that on slippery road although your car has an ABS. When you use tire chain on coarse, gravel and snowy road, the brake distance may be also longer. so do keep a safe distance from the front vehicle. In a word, driver should have a

high awareness of safety.

- The tire type and condition may also affect the brake effect.
- When changing tires, all wheels must be equipped with the specified tires.
- When mounting spare tire, please confirm if its size and model are consistent with those on tire pressure label. Please refer to "Tire Pressure Label" in "10. Technical Information".
- For details, refer to "Tire and wheel" in "9. Maintenance and What You Can Do".

ABS controls brake, preventing wheels from locking in case of sudden brake or driving on slippery road. It will test the rotational speed of each wheel, and prevent wheels from locking and sliding by changing

brake liquid pressure. By preventing wheels from locking, the system is helpful for driver to control steering wheel, and control the side sliding to the minimum when driving on slippery road.

Use of ABS Step on the brake pedal with a stable press, but not repeat and release it. ABS will work to avoid locking wheels, and assist driver in normally controlling vehicle to avoid obstacles and danger.

## Warning

Don't loosen the pedal up. If not, it may increase the brake distance.

#### **Self-diagnostic Function**

ABS includes electronic sensor, electric pump, hydraulic electromagnetic valve and processor. The processor has self-diagnostic function which

tests the system when starting engine, driving forward backward at a low speed. When conducting self-diagnostic function. vou mav hear depressing "metallic sound" or feel the pulse of brake pedal. It is normal, but not indicates any fault. If the processor tests any fault, it will turn off ABS, and light on the ABS brake warning light on integrated instrument. Then, the brake system will work normally, but it has no anti-lock function.

If ABS fault indicator is on in self-diagnosis or driving, please drive your car to the service stations authorized by DFSK for inspection.

#### **Normal Operation**

ABS will work when the speed exceeds 15km/h which will be changed as per road conditions.

When ABS tests one or more wheels are close to be locked, the actuator will work fast and release pressure. Such is similar to fast release brake. When ABS brakes, you may feel the pulse of brake pedal, and hear abnormal sound engine cabin or feel the vibration of actuator. It is normal, and indicates that ABS works normally. However, vibration also means that the road condition is bad, and you have to be careful of driving.

# Electric Brake-force Distribution (EBD) System

EBD system is a supplement of ABS system. Generally, the function of EBD is similar to SABS (which is more sensitive than EBD) of non-ABS system.

Self-diagnostic Function

When starting engine, driving forward or backward at a low

speed, EBD will conduct self-diagnostic function as same as ABS. If the processor tests any fault, it will turn off EBD, and light on the EBD fault indicator on integrated instrument.

If EBD fault indicator is on in selfdiagnosis or driving, please drive your car to the service stations authorized by DFSK for inspection.

## Warning

If both ABS / EBD fault indicators are on in self-diagnosis or driving, please slow down to park safely, and promptly drive your car to the service stations authorized by DFSK for inspection. [Please drive at a low speed (lower than 30km/h) to 4S store. Don't brake suddenly, or cause such accident as drifting.]

#### **Vehicle Safety**

When you leave from your car

and nobody in your car:

- Take out key and carry with it, even though you park in your own parking lot.
- Close all windows and lock all doors.
- Park your car at a place where you can see it. At night, park at a bright place.
- If your car is equipped with safety system, use it, even though you only use it for a moment.
- Don't leave children and pet in your car alone.
- Don't leave children and pet in your car alone.
- Don't put the articles on rack.
   Please put them on a safe place or lock them in car.
- Don't leave the spare key in car alone. Keep it at a safe place.

#### Starting and Driving

# Driving in Cold Weather Awarning

- Drive carefully on any roads. Be careful of speeding up and slowing down. If you speed up or slow down too fast, it will be easier for the driving wheel to lose driving force.
- Please keep longer brake distance when driving in cold weather. The opportunity for braking shall be prior to entering dry road.
- It is hard for you to drive on wet, snowy and icy road. The driving force or road holding will be reduced greatly. Except for there is salt or sand on road, don't drive on the wet icy road.
- Be careful of the wet and slippery sections (thin ice). They may be on the road which seems clean at dark area. Where there is trash ice in front of vehicle, please brake before driving onto it. Don't brake when driving onto ice, to avoid suddenly turning steering wheel.

 The exhaust gas will accumulate under the car due to snow.
 Please remove the snow around exhaust pipe and vehicle.

#### **Engine Coolant**

If you have to park car outside and have no anti-freezing agent, discharge coolant, and add before using car. Refer to "Replacement of Engine Coolant" in "9. Maintenance and What You Can Do".

#### **Tire Equipment**

- When mounting snow tire for your car's front / rear wheels, the size, load range, structure and type (bias-ply tire or radial-ply tire) of snow tire shall be the same as that of rear / front wheels.
- When driving on icy and snow road, replace snow tire for four wheels.
- The rubber studded tire can increase driving force for car

running on icv road. However. the rubber studded tire is prohibited from using in some areas. Therefore, please confirm the local laws and regulations before installing rubber studded tire.

The anti-skid performance of rubber studded tire on wet or dry roads may be poor than that of tire without rubber studded tire.

4. If necessary, use tire chain. When installing the tire chain, confirm if the tire chain size is suitable for your tire, and abide by the recommendations from the manufacturer of tire chain. If the manufacturer of tire chain gives any advices, use the chain tensioner to keep the installing tightness. The connector of tire chain's

#### Starting and Driving

flexible end must be fixed or removed to avoid damaging wheel fender or chassis. Moreover, please drive at a low speed, or will damage your car pr affect your car's operation and performance.

#### **Special Winter Equipment**

In winter, you are recommended to carry with the following articles:

- Use scraper and scrubbing brush to remove snow and ice on windows and wiper.
- You can place the hard board under the jack, to provide a solid support.
- The shovel for getting car out of snow

#### **Parking Brake**

If you have to park your car for a long time in the area with a outdoor temperature lower than 0°C. Don't use parking brake to avoid being freezing. For parking safety: park your car on the flat

road as far as possible, and set the gear shifting rod to 1st gear or R gear position.

#### **Protection against Corrosion**

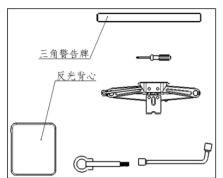
The chemicals for ice removing used on road are corrosive and will speed up corroding and aging chassis components (including exhaust system, fuel and brake pipeline, parking cable, floor and wheel fender).

In winter, regularly clean the chassis. For further details, refer to "Protection against Corrosion" in "8. Appearance and Maintenance".

Other rust-proof and anticorrosion actions may be prohibited in some areas, so please consult the local DFSK dealers.

# **VII. Emergency Measures**

#### **Tools**



Place triangle warning board, reflective vest and tools bag into storage box.

## **A**Notes

Ensure to secure tools to avoid abnormal sound during driving or getting passengers injured in case of accident or brake.

#### Triangle Warning Board

Notes

Use the triangle warning

board as per the provisions of laws and regulations.

#### **Reflective Vest**

The reflective vest is placed in the storage box, and it shall be placed in order after using.

## Notes

Use the reflective vest as per the provisions of laws and regulations.

You can place the following tools in car:

- 1. Wheel nut wrench
- Combination screw driver
- 3. Jack
- 4. Towing hook

## Notes

- Completely screw back thread of jack before placing into the tool box again. Get the crank closed against the side of jack.
- The jack provided by manufacturer is designed for the corresponding vehicle

- type. Don't use it to support the heavier objects or others.
- Don't start your car when it is jacked.
- If you are to work under the car, support the car body with proper supporting shoe.

#### **Flat Tire**

If your tire is flat, please follow the following instructions:

## **Parking**

## **Warning**

- Ensure that you pull the parking brake bar or the electric parking switch.
- Confirm that the operating lever is shifted to the proper gear. When parking your car on slope, icy road or wet or slippery road, don't replace the tire. It is very dangerous to replace tire on such roads.

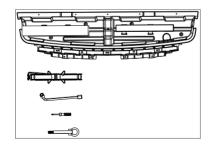
- If your car is close to other passing-by vehicles, don't replace tires. Please seek for assistance from professionals.
- 1. Leave from the roads safely.
- 2. Turn on the warning flasher to tell other vehicles.
- 3. Park your car on flat grounds.
- 4. Pull the parking brake bar or the electric parking switch.
- Set the operating lever at "R" gear (reserve gear) (as for automatic gear, set it at "P" gear).
- 6. Turn off engine.
- 7. Open engine cover.
- Ask all passengers to leave from the car, stand at a safe place to keep away from passing-by vehicles.
- 9. Seek for assistance from professionals.

# **Tools and Tire Preparation**Take out jack, required tools and

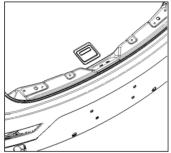
spare tire from the storage.

The jack and tools are in the trunk. The spare tire is in lower back of car.

When mounting the coupling device for towing on car, take down the spare tire. (Please refer to more details about towing device in "Trailer Towing' in "6. Starting and Driving"). If you are to take down the spare tire, please follow the following procedures:

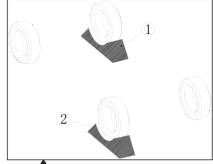


**Spare Tire** 



Open the backdoor, remove the storage box's cover, take down the tool box and take out spare tire.

#### **Tire Retaining**



**Warning** 

Ensure to retain the wheels properly to avoid moving and getting persons injured.

Install the wheel stop piece ① in the front and back of wheel diagonal to the flat tire ② to avoid vehicle moving when it is jacked. The vehicle moves when it is jacked.

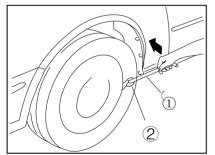
# Wheel Trim Cover Removal

Wheel trim cover (if any) removal

**M** Warning

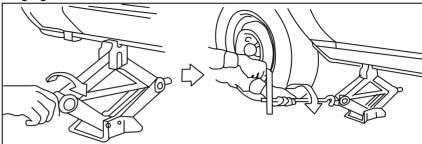
Don't remove wheel trim cover with hands, which may get you injured.

If you are to remove the wheel trim cover, jack the wheel and then remove it. After removal, take down the wheel trim cover



with combination screw driver 
① as shown as figure. To avoid

damaging wheel and wheel trim



cover, place a soft cloth ② between the wheel trim cover and combination screw driver.

## Vehicle Jacking

## Warning

- Please read through and abide by the operation instructions herein.
- Don't lie under the car only supported with a jack: please use the vehicle support.
- Don't use the not original jack.
- The jack is designed only for- 133 -

replace tire.

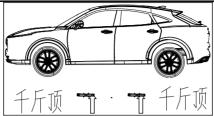
 Don't jack your car at the point which is not a supporting point.

lifting your car when you are to

- Don't jack your car if not necessary.
- Don't use a cushion on or under the jack.
- Don't turn on or run the engine when the car is jacked. If not, the car will move and may result in accident.

- When the wheel leaves the ground, don't leave passengers in car.
- Read through the notes before using the jack.
- Place the jack under the point as shown in figure, so as to enable jack's top to contact the vehicle. Place the jack on ground stably.
- 2. Align the jack top to the supporting point as shown in figure.
- 3. Set the lewis of jack onto the edge of side beam to avoid side slipping in lifting.
- Use the wheel nut wrench to anti-clockwise the nut for 1 or 2 rounds to screw off the nut of each wheel.

Don't remove the wheel nut when lifting the tire from the ground.



- Carefully lift the car until that the tire fully leaves from ground.
- 6. When lifting the car, please grasp the crank with your hands and then turn the crank.

#### **Tire Removal**

- 1. Remove the wheel nut wrench.
- 2. Remove the damaged tire.

## Notes

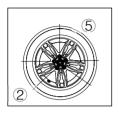
The tire is heavy, so keep your feet away from it, and wear gloves if necessary, to avoid

injury.

# Spare Tire Installation Warning

- Don't use the not original wheel nut, because the improper wheel nut or screwing up nut may get the wheel flexible or leaving the car body, and accordingly result in accident.
- Don't coat oil or lubricating grease onto wheel bolt or nut, which may get nut flexible.
- 1. Remove the soil and dust from wheel surface.
- Carefully install the spare tire, screw up nut with hands, and check if all nuts contact tire surface.
- 3. Use wheel nut wrench to alternatively and evenly screw up nut (①- ④- ②- ③
  - ⑤) for at least two times,

until that the nuts are fully screwed up.



**(4**)

- Slowly put the car glown, until that the tire contacts the ground.
- 5. Screw up wheel nut as per the order indicated in figure.
- 6. Fully put down the car.

Use the torque wrench to screw up the wheel nut to the specified torque rapidly.

Tightening torque of steel wheel nut: (90~120)N . m

Tightening torque of aluminum wheel nut: (100~130)N . m

Keep the wheel nut at the specified tightening torque at any time. It is recommended to screw up the wheel nut to the specified tightening torque after each maintenance.

## **Warning**

After driving over 1,000km, please screw up the wheel nut again (do so in case of flat flat).

## **Keeping Damaged Tires** and Tools

## Warning

Keep the tire, jack and tools properly after using them, or they may be thrown in case of accident or sudden parking, and accordingly result in danger.

- Properly keep the damaged tires, jack and used tools at the storage area. (See details in section "Tools and Tire Preparation".)
- 2. Close the backdoor.

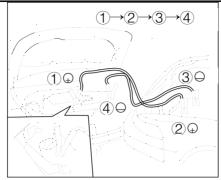
## **Jump Start**

## **Warning**

- The wrong jump start may result in battery explosion.
   The battery explosion may result in serious damage or death. It may also result in vehicle damage. Confirm to abide by the instructions herein.
- There may have explosive hydrogen around the battery.
   Ensure to keep all spark and fire away from battery.
- When working around the

battery, wear proper goggles and take down finger ring, bracelet and any other jewelry.

- Don't lean on battery when applying jump start.
- Please place the battery at the place inaccessible to children.
- The spare battery must be of 12V. The use of improper battery may damage vehicle.
- Don't apply jump start to the icy battery. It may explode and cause serious damage.



Schematic Diagram of Jump Start

If the battery for jump start is from other vehicle, please get the two vehicles closed so as to be convenient for connecting two batteries.

- 1. Press down the electric parking switch.
- 2. Set at "N" gear (Neutral Gear).
- Turn off all electric system unnecessary (such as top light, hazard warning light

- and others).
- 4. Confirm that the ignition switch is set at off position.
- Remove the battery cover (if any).
- Remove the vent hole cover (if any) on battery, cover the battery with a wet cloth to avoid explosion caused by fire.
- Connect the electrode in the order (①→②, ③→④) as shown in figure.

## **Warnings**

- Connect the battery positive terminal and positive terminal, and the negative terminal and negative terminal.
- Confirm that the jumping cable does not contact the running parts.
- Confirm that the jumping

- cable clip does not contact other metal parts.
- Start the engine of assistant vehicle and run it for several minutes.
- Step down the accelerator pedal of assistant vehicle to be about 2,000rpm.
- 10. Start the engine normally.

## **Warning**

Don't exceed 5 seconds every time when starting your vehicle by starter. If the engine cannot be started at once, turn the key to "OFF", wait for 10 seconds and have a try again.

- 11. When the engine runs, disconnect the cable carefully in the reverse order  $(4) \rightarrow (3) \rightarrow (2) \rightarrow$ 
  - 1) as shown in figure.
- Remove and handle the cloth covering the vent hole, because it may be polluted by the corrosive acid liquid.

13. Install the vent hole cover (if any).

#### **Push Start**

Don't try to start the engine by means of push start.

## Warning

- Don't start the vehicle with three-way catalytic converter by means of push start. If not, it may damage the three-way catalytic converter.
- Don't start your car by towing. After the engine is started, the car may collide with the one in front of it due to impact force.

# If Your Engine Is Too Hot

## Warning

- If your car's engine is too hot, stop driving. If not, the car may catch fire.
- If any steam comes from it, don't open the engine cover.

- When the engine is too hot, don't remove the cover of water tank. If you remove the cover of water tank when the engine is too hot, the highpressure hot water may be sprayed, and may get you scalded or seriously injured.
- If any steam or coolant comes from engine, please keep away from vehicle to avoid injury.
- When the temperature of engine coolant exceeds the setting value, the cooling fan will be started.
- Keep your hands, hair, jewelry or clothes away from cooling fan or driving belt.

If the engine is too hot (as indicated by the engine coolant thermometer) or you feel the insufficient power of engine or any abnormal sound, please take the following measures:

- Leave the trunk road, and park your car on the safe road.
- 2. Turn on the warning light.
- 3. Set the operating lever at "N" gear (Neutral Gear), and don't turn off the engine.
- 4. Pull the parking brake bar or the electric parking switch.
- Open all windows.
- Set the temperature control knob of heater or A/C at the hottest position and set the fan control knob at the maximum speed.
- 7. Leave the driving cab.
- Visually check and listen if there is any steam or coolant from water tank. Firstly confirm that there is no steam or coolant before taking the next actions.
- 9. Open engine cover.
- 10. Visually check the operating

- status of cooling fan.
- 11. Visually check if there is any leakage from radiator and radiator hose. If the fan is out of service or it leaks coolant, stop the engine.
- After the engine is cool, check the coolant quantity in engine coolant tank when running the engine. Don't open the water tank cover (if any).
- 13. Add coolant into the water tank if necessary.

## Warning

To avoid get scalded, cover the engine cover pressure cap before removing it, slowly release to class I, to release steam.

Please check / repair your car at DFSK franchise store.

#### **Towing**

When towing your car, please abide by the local laws and regulations. The improper towing devices will damage your car. To ensure the proper towing, and avoid damaging your car, you are recommended by DFSK to ask the service operator to tow your car. Before preparing towing, the service operator is recommended to read through the following notes for towing.

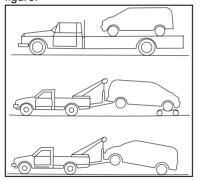
#### **Notes for Towing**

- When towing your car, please confirm that the gearbox, steering system and dynamic system work normally. In case of any damage to sub-components, please use push trolley or flat bed trailer for towing your car.
- DFSK recommends to keep the driving wheel (front wheel) away from the ground before towing.

 Before towing, please fasten the safety rope.

# DFSK Instructions for Towing

Front wheels on ground DFSK recommends to use push trolley or flatbed trailer for towing as shown in figure.



If you have to tow the vehicle with manual transmission whose front wheels are on the ground, please follow the following operating procedure.

Confirm that the ignition switch is set at "OFF".

Use a rope or similar devices to keep the steering wheel toward the right ahead.

Set the operating lever at "N" gear (Neutral Gear).

Release the hand brake.

Please fasten safety rope if towing car at any time.

Rear wheel on ground:

Confirm that the ignition switch is set at "OFF".

Set the operating lever at "N" gear (Neutral Gear).

Release the hand brake.

Please fasten safety rope if towing car at any time.

Four wheels on ground:

DFSK recommends to use push trolley or flatbed trailer for towing as shown in figure.

## Warning

Don't tow your car when its rears wheels are on the ground.

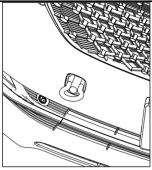
Vehicle with automatic transmission

Warnings

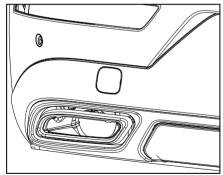
- The driving wheel (front wheel) of the vehicle to be towed must completely leave from the ground. If not, it may damage the transmission. For this, DFSK will not provide warranty regardless of that it is within the warranty period.
- Don't tow it backwardly.
- If the transmission is mechanically damaged, completely keep the driving wheel away from ground.
- Don't tow your car when the environmental temperature is lower than 0°C

Vehicle Getting Out

When the car cannot get out of the sand, snow or slough, use the tow hook.



Front Tow Hook



Rear Tow hook



- Keep anybody away from the tow hook when towing car.
- Don't let the tire idle at a high speed. If not, it may cause tire explosion and even get persons seriously injured. The vehicle spare parts may also be overheated or damaged.
- The rope can only be hung onto the tow hook rather than other parts. If not, the vehicle may be damaged.
- You can only use the tow hook to get the vehicle out.
- When using the tow hook to get the vehicle out of such difficult situations, the tow hook may bear great force.
   Pull the cable out from the right ahead of vehicle. Don't pull it out from any side of vehicle.

# **VIII. Appearance and Maintenance**

#### **Exterior Cleaning**

It is important to take correct measures to keep your car's appearance.

Park your car in parking lot or the area with a shelter as far as possible to reduce the opportunity to damage your car surface.

If you have to park your car outside, please park it under a shelter or cover your car. Be careful of covering and removing the cover to avoid damaging car surface.

#### **Car Washing**

In case any one of the following circumstances, please wash your car as quickly as possible to protect your car surface:

- After raining, to prevent the acid rain from damaging your car;
- After driving along coast road, to avoid corrosion by sea breeze;
- When the car surface is contaminated by smoke, bird

- droppings, metal particle or insects;
- When the car surface is contaminated by dust or mud;
- 1. Use the wet foam rubber and clean water to wash car surface.
- Use the mixed solution of soft soap powder or special vehicle cleaning soap powder or general detergent and clean warm water (instead of hot water) to slightly and comprehensively wash car surface.

## Warning

- Don't use the high-effective household detergent, chemicals, gasoline or solution to wash car body.
- Don't wash car under the condition with direct sunshine or high temperature of car body, or there will have water spots on surface.
- Don't use close-knit flannelette or

- coarse cloth, such as car washing gloves. Pay attention to removing the blocky dirt or others to avoid scrapping or damaging car surface.
- Wash the car with a mount of clean water.
- Wipe up the surface with wet leather and avoid leaving water spots.

When washing car, note the following:

 The flange and connector of car doors, and the inside and opening part of folding part are vulnerable to road salt. Therefore, such areas must be cleaned regularly.

- Confirm that the drain hole at the lower edge of car door cannot be blocked.
- Spray water to wash car underbody and wheel cover to

remove the dirt and road salt.

#### **Blotch Removing**

Please remove the pitch, oil stain, industrial dust fall, dead insect or leaves to avoid permanent damage or spot. Such cleaning products are available at the service stations authorized by DFSK or any other vehicle stores.

#### Waxing

Regular waxing is helpful for surface protection and keeping new appearance.

After waxing, you are recommended to polish to remove residual wax so as to avoid weathering effect.

For the proper waxing products, you can get help from the service stations authorized by DFSK.



- Before waxing, please comprehensively wash the car.
- Please use vehicle wax as per the instructions given by the manufacturer.
- Don't use the vehicle wax with abrasive material, cutting lubricant or detergent formula which may damage car appearance.

The surface may be grinded when you use mechanical waxing machine on primer / transparent finish paint or you make excessive grinding and left with circinate trace

#### **Glass**

Use glass cleaner to remove the smoke dust or dust film on glass. When the car is under strong sunlight, there will have dust film on glass. It is easier for you to remove such film with

glass cleaner and soft cloth.

#### **Chassis**

Some roads will be sprayed with salt in winter, so the chassis must be washed regularly. It will avoid dirt and salt accumulation to prevent chassis and suspension system from corrosion.

Do check the sealing of chassis in winter and spring; and reprocess if required.

#### Wheel

- When cleaning the vehicle, clean the wheel too.
- When replacing wheel or cleaning chassis, clean the inside of wheel.
- When cleaning the wheel, don't use abrasive cleaner.
- DFSK recommends to wax wheel in winter if you are to drive on road with salt.

#### **Aluminum Alloy Wheel**

If you are to drive on road with salt in winter, please regularly wash wheel with the wet foam rubber soaked with soft soap powder solution. If you fail to regularly wash wheel, the residual road salt may make the wheel fading.

## **A**Warnings

Please follow the following instructions to avoid wheel pollution and fading:

- Don't wash wheel with the detergent with strong acid or strong alkali.
- Don't wash wheel when it is of a higher temperature. The temperature of wheel shall be the same as surrounding temperature.
- Comprehensively wash the detergent on wheels after 15 minutes when the detergent is applied.

#### **Chrome-plated Part**

Please regularly wipe all

chrome-plated parts with the non-corrosive chrome-plated polishing agent to keep them shining.

#### **Interior Cleaning**

Please regularly remove the accumulated dust on internal trim panel, plastic parts and seats with dust collector or banister brush. Use clean soft cloth soaked with soft soap-suds to wipe plastic parts and leather surface, and then use dry cloth to wipe them.

Regularly take care of and clean to keep a good appearance of leather.

Before using any fabric protectant, please read through the product description given by manufacturer. Some fabric protectants contain some chemicals which may pollute or

whiten seat fabric. Only use wet soft cloth to clean the lens cover of integrated instrument.

## Warning

- Don't use any volatile oil, diluent or any equivalent.
- Small dust particles may abrade or damage leather surface, so they must be regularly removed. Don't use leather washing soap, vehicle wax, polishing agent, oil, cleaning liquid or solution, detergent or the detergent with ammonium hydroxide, because they may damage such natural leather surface.
- Unless otherwise recommended by manufacturer, don't use the fabric protectant.
- Don't use the glass or plastic detergent to clean the lens cover of integrated

instrument. If not, it will damage the lens cover.

#### **Glass**

Use glass cleaner to remove the smoke dust or dust film on glass. When the car is under strong sunlight, there will have dust film on glass. It is easier for you to remove such film with glass cleaner and soft cloth.

## Warning

When cleaning inside of window, don't use sharp tools, grinding detergent or the detergent with chlorine. Such may damage electrical conductivity, such as the electric defroster of rear windows.

#### **Seat Belt**



 Don't allow the wet seat belt to go back to the retractor.  Don't wash seat belt with decolorizer, dye or chemical solution which may weaken the strength of seat belt.

Wipe the seat belt with foam rubber soaked with soft soap-suds.

Before using seat belt, fully dry it at under a shelter (see details in Chapter II "Seat Belt").

# Protection against Corrosion Primary Causes for Vehicle Corrosion

- The wet dirt and debris accumulate on section, empty cavity or other places.
- The gravel, broken stone or minor traffic accident damages surface and other protective layers.

# Environmental Factors Affecting Corrosion Rate Wet

The sand, dust and ponding water accumulated on floor will accelerate

the rust of car body. The wet carpet / pedal cushion cannot be dry fully, so they must be dry outside to avoid floor rust.

#### **Relative Humidity**

There is a serious corrosion in the district with a higher humidity.

#### **Temperature**

The increasing temperature will speed up the corrosion rate of parts at the location with improper ventilation.

The corrosion rate will be faster too in the district with a constant temperature over 0°C.

#### **Air Pollution**

The industrial pollution, air salt of coastal areas, and road salt will also speed up the corrosion rate. The road salt will speed up surface ageing.

# Protection Vehicle from Corrosion

- Regularly washing and waxing the car to keep it clean.
- Regularly check if the surface is damaged slightly; if any, repair it

as quickly as possible.

- Keep the drain hole under the car door smooth to avoid water accumulation.
- Check if there is sand, dust or salt accumulated on underbody. If there is any sand, dust or salt, wash with water as soon as possible.

## **Warnings**

- Don't wash with pipe to remove the dirt, sand or others in driver cabin. Remove them with dust collector.
- Keep the electric components in car away from water or other liquid, or they may be damaged.

The chemicals for removing road snow is strongly corrosive. They may accelerate the corrosion and aging of underbody components (such as exhaust system, fuel and brake

pipeline, brake cable, floor and fender).

The underbody must be cleaned regularly in winter.

As for the additional rust-proof measures required by some areas, please consult the service stations authorized by DFSK.

## IX. Maintenance and What You Can Do

#### **Notes for Maintenance**

When your car is under any inspection or maintenance, be carefully to avoid any serious injury or vehicle damage. The following are the general notes which should be abided by.

## **Warnings**

- Park your car on flat ground to ensure to stop wheel with parking brake so as to avoid vehicle movement.
- When replacing or repairing any parts, ensure to set ignition switch at "OFF" or "LOCK'.
- When the engine is so hot, don't take any actions under it. Turn off engine and wait for it cooling.
- If you have to work when the engine is operating, keep your hands, clothes, hair and tools away from the operating fans, belt and other parts.

- You are recommended to fasten or take off your loose clothes and finger ring or swatch and others before inspecting your car.
- If it is necessary to start engine in parking place or other similar spaces, ensure that there is a proper ventilator.
- Where the car is only supported by a jack, don't get into underbody.
   If you have to work under the car body, support your car with a scaffold.
- Ensure to keep fuming objects, flame and spark away from fuel tank and battery.
- Don't connect or disconnect the battery when setting the ignition switch at "ON".
- As for the gasoline engine with multi-point fuel injection system (MFI system), the fuel filter and pipeline shall be repaired and maintained by the service

- stations authorized by DFSK.
  This is because the fuel pipeline is still of a very high pressure even though the engine is out of service
- Fuel pipe includes nylon pipe and plastic pipe. Nylon pipe's replacement period shall be 3 years or 60,000km. Please replace it at the service stations authorized by DFSK.
- To avoid damage, firstly disconnect the negative terminal of battery when working close to the fan.
- When the ignition switch is set at "ON", don't disconnect the harness connector related to engine or gearbox.
- When you conduct maintenance on car, please wear goggles to avoid directly contacting the used engine oil or cooling liquid.
- •The improper use of engine oil and

other kinds of oil may pollute done by car owner. environment. Please abide by the You that must know

local laws and regulations concerning the treatment of vehicle oil and liquid.

Section "Maintenance and What You Can Do" only provides the items which are easy to be

incomplete or improper maintenance and repairing may result in difficult operation or excessive emission and may impact your warranty rights and interests. If you are unfamiliar with a maintenance item, please go to the service stations authorized by DFSK.

Inspection of position in engine cabin

- 1. Oil filler cap
- 2. Engine oil dipstick
- 3. Brake fluid pot
- 4. Battery
- 5. Fuse box
- 6. Engine coolant tank
- 7. Windscreen washer liquid pot
- 8. Engine driving belt
- 9. Air filter

# **Engine Cooling System**

## Warnings

- When the engine is so hot, don't move the cover of engine coolant tank, because the cooling liquid from such engine coolant tank may scald you seriously. You have to work when the engine and radiator are cool down
- The engine coolant is toxic, so it must be placed in the container with a mark and inaccessible to children

The engine cooling system is filled with the engine coolant which is original, high-quality, available and effective throughout the year. The coolant contains erosion-resisting and anti-freezing additive. Therefore, don't add any additives to it.

## Caution

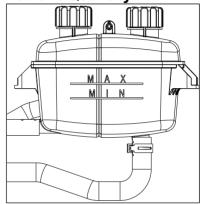
When supplementing or replacing coolant, use the DFSK engine coolant or the products of equivalent mixing ratio as far as possible. The mixing ratio is as follows:

External temperature reducing to		Engine coolant	Inorganic water or distilled
°C	°C		water
-15	5	30%	70%
-35	-30	50%	50%

The use of other kinds of coolant will damage the engine cooling system.

As for the vehicle type: its cooling system is installed with a pressure cap. To avoid damaging the engine, please use DFSK tank or replace it with the equivalent product as necessary.

# Inspection of Engine Coolant Quantity



When engine is under cool status, check the level of coolant in tank. If the coolant level is lower than "MIN", please add coolant to the level between "MAX" and "MIN". If the tank is empty, please add coolant from the tank opening to the level between "MAX" and "MIN" when the engine is under cool status.

If it is necessary to regularly supplement coolant, please ask for inspection from the service stations authorized by DFSK.

## Replacement of Engine Coolant

The cooling system must be repaired by the service stations authorized by DFSK.

When the gasoline engine is running, the cooling system must have enough coolant to ensure the normal operation of gasoline engine. If not, the engine oil may show "boiling" phenomenon. If the gasoline engine works under over-heating conditions, its service life will be shortened or even cause cylinder scraping or other severe failures.

## **Warnings**

 To avoid being scalded, don't replace coolant when the engine is of high temperature.

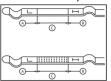
- When the engine is so hot, don't move the cover of engine coolant tank, because the cooling liquid from such engine coolant tank may scald you seriously.
- Keep your skin away from engine coolant. If not, wash the coolant away with a lot of fresh water.
- Place the engine coolant at the place inaccessible to children.

Properly process the engine coolant. Refer to the local laws and regulations.

# Engine Oil Inspection of Engine Oil Capacity

- 1. Park your car on flat ground and use parking brake.
- Start engine till that it is up to the normal operating temperature (about 5

#### minutes).



- 3. Turn off engine.
- Wait for 10 minutes at least to ensure that the engine oil flows back to the oil pan.
- 5. Take out oil dipstick and wipe it with a cloth.
- 6. Insert the oil dipstick again.
- 7. Take out oil dipstick and check the oil capacity. Ensure the oil capacity is within the normal range6.
- If the oil capacity is within the rangeA, open the engine oil filer cap, add the recommended oil into it, and keep it belowB.
- When refueling oil, please don't take out the oil dipstick.

10. Check the oil capacity with oil dipstick again.

It is normal to add engine oil within the engine oil replacement duration or run-in period, and it is based on the actual engine operation.



The insufficient engine oil will reduce the engine oil pressure, and cause poor lubricating, poor gasoline wearing, VVT stalling (power decrease, higher oil consumption), and poor cooling; and accordingly result in gasoline engine failure and shorten its service life. And such damage is outside the warranty scope.

## **▲**Warnings

 The waste oil must be processed properly. Don't pour the waste oil onto ground, into ditch, river or

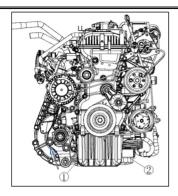
- others. Process the waste oil at the waste yard with proper equipment. Please refer to the local laws and regulations.
- DFSK recommends to go to franchise store for replacing engine oil.
- When the engine oil is of high temperature, be careful and don't be scalded.
- Regular and repeated contacting to waste oil may result in skin cancer.
- Don't directly touch waste oil. If contacting waste oil, wash it away with soap or detergent and a lot of water.
- The waste oil must be placed in the container with a mark and inaccessible to children.

# Replacement of Engine Oil and Oil Filter

- 1 . Park your car on flat ground and use parking brake.
- 2. Start engine till that it is up to

- the normal operating temperature (about 5 minutes).
- 3. Turn off engine.
- 4. Wait for 10 minutes at least to ensure that the engine oil flows back to the oil pan.
- 5. Use jack or jack support to raise the car.
- Support and secure the jack at the support point of car.
- Use the proper jack to raise the car.
- Take down the lower guard plate of engine; down the bolt and plastic clamp if necessary.

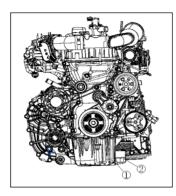
#### Maintenance and What You Can Do



SF

HD15 Engine

- Oil drain plug
- Oil filter



HD15 Engine

- Oil drain plug
- Oil filter
- Place a big drain tray under the oil drain plug. Use a wrench to take down oil drain plug.
- 8. Take down the oil filler cap, and fully drain the oil. If it is

necessary to replace oil filter, take down it and replace.

## **Warning**

The waste oil must be processed properly. Please confirm the local laws and regulations.

Use a wrench to screw off the oil filter.

Take down the oil filter manually. Wipe the mounting surface of filter with a clean cotton cloth.

Please confirm that the aging gasket on the surface of filter.

Install the new gasket onto the oil filter.

Screw up the filter until that you feel a slight resistance, and then screw up it for 2/3 rounds with a wrench.

Tightening torque of oil filter:

#### **SFG15T Engine**

(23±2) N·m

#### **HD15 Engine**

(23±2) N·m

Wash and re-install the oil drain plug and new gasket. Use a wrench to screw up the oil drain plug properly.

Tightening torque of oil drain plug:

#### SFG18 Engine

(15±3) N·m

#### SFG18 Engine

(15±3) N·m

carefully.

Refuel to the recommended engine oil capacity. (Please refer to chapter "Recommended Fuel / Lubricating Oil and Capacity".) When refueling oil, please don't take out the oil dipstick.

Install the engine filter cap

Start engine.

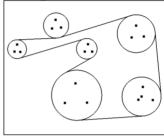
Check if the oil drain plug and filter leak oil.

Properly process the used engine oil. Please confirm the local laws and regulations. Check the engine oil capacity as per relevant procedures. (Please refer to this chapter "Inspection of Engine Oil Capacity".)

# **Environmental Protection**

It is illegal to pollute sewer, river land. Please use and the qualified waste collection facilities, including the urban place for properly handling waste oil and filter and the vehicle repair plant. In case of any questions. please seek for advices treatment from the relevant authority.

#### **Driving Belt**



SFG15T/HD15 Gasoline Engine Ensure that the ignition switch is set at "OFF", and visually check if each belt is abraded, cut or loose to different extents. Regularly check its status and tension. If the driving belt is out of good status or loose, please seek for replacement or adjustment from DFSK franchise store.

# Spark Plug (Gasoline Engine)

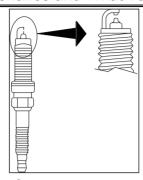
### Warning

Ensure to turn off engine and ignition switch, and to use parking brake.

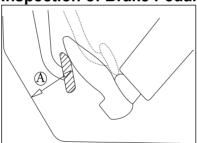
If it is necessary to replace it, please contact DFSK franchise store.

### Caution

- Don't clean and adjust clearance to reuse the old spark plug.
- Please replace with the recommended spark plug all the time.



**Brake**Inspection of Brake Pedal



**A** WarningS

If the brake pedal is too high to back to the normal position,

please consult the service stations authorized by DFSK and ask for inspecting brake system. When the engine is operating, please check the distance from the lowest point and floor (A). If such distance is outside the following range, please consult the DFSK franchise store.

Parameter of brake pedal stroke					
Operating condition	Idle stoke (mm)	All Stroke (mm)	Stroke limit (mm)		
Normal operating status	20 ~ 25	65.9 ~ 70.9	111.8		
Invalid operating status	77.6 ~ 82.6	108.7 ~ 111.8	111.8		

Self-adjustable Brake

Your car is equipped with a selfadjustable brake. The brake will adjust automatically when the brake pedal is stepped down. A: more than 35mm when the pressure of pedal surface is of 500N.

#### **Vacuum Booster**

Check the function of vacuum booster as per the following steps:

- Turn off the engine, step down brake pedal for several times to ensure the stroke of brake pedal will be remained.
- 2 . Step down the brake pedal and start engine. The height of pedal shall be lower slightly.
- Step down the brake pedal and turn off engine. Step down pedal for about 30s, and keep the pedal height remained.
- 4 . Operate the engine for 1 minute, don't step down brake pedal, and then turn off it. Step down the brake

pedal for several times. When the brake pedal is stepped down, the pedal stroke will decrease as the vacuum degree of vacuum booster decreases.

If the brake system is out of normal operating status, please consult the DFSK franchise store.

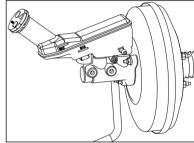
## **Brake Liquid**

## • Warnings

- Brake liquid's replacement period shall be 2 years. Please replace it at the service stations authorized by DFSK.
- Only use the new brake liquid taken out from the sealed container. The used, poor or polluted brake liquid may damage the brake and clutch systems. The wrong brake liquid will damage brake system and impact the brake capacity of car.
- The brake liquid is toxic, so it must be placed at the place inaccessible to children.

#### Caution

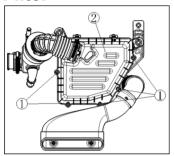
The brake liquid will damage paint, so don't splash it onto paint. If the brake liquid is splashed onto paint, wash it away with fresh water at once.



Check the oil capacity in oil tank. If the level is lower "MIN", the warning light of brake liquid will be on, please add brake liquid to the "MAX" level. (Please refer to chapter "Recommended Fuel / Lubricating Oil and Capacity".)

If it is necessary to frequently add brake liquid, please ask DFSK franchise store for fully checking the system.

# Filter Element of Air Filter



## **Warning**

If you operate the engine without air filter, you or other persons may get scalded. The air filter can clean the air taken in, and stop the flame caused by engine backfire. If the engine is without air filter, you may get scalded in case of engine backfire. Don't drive the car if the engine is without air filter. Be careful when

working around the engine without air filter.

To replace the air filter element, screw off the fixing bolt ①, and pull the unit upwardly ②.

Non-woven fabric filter element can be cleaned and reused. Please replace the air filter element as per maintenance table mentioned in Warranty Manual. When replacing air filter element, please wipe the shell, inside and cover of air filter element with a wet cloth

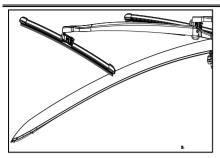
#### Wiper Rubber Windscreen Wiper Rubber Cleaning

If the windscreen is not clean when it is washed with windscreen washer liquid or there is an abnormal sound when the wiper rubber is used, maybe this is for the reason that there is wax or others on wiper or windscreen.

Clean the outside of windscreen with wiper cleaner or neutral detergent. If there is no water drop when washing it with water, it means that the windscreen is clean.

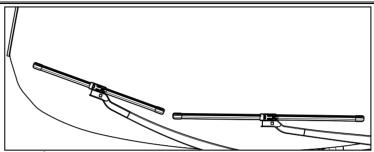
When washing the wiper rubber, wipe it with the cloth soaked with wiper cleaner or neutral detergent firstly, and then wash it with fresh water. If the front windscreen is till unclear after it is brushed with the cleaned wiper rubber, it has to replace the wiper rubber.

Don't block the nozzle ① of water jet, which may impact the normal operation of windscreen water jet. If the nozzle is blocked, get it through with needle or small nail ② , and avoid damaging the nozzle.



#### Replacement

- 1. Raise the wiper arm on windscreen.
- Press down the locking button and take down the wiper rubber.
- 3. Take down the wiper rubber.
- Properly insert the new wiper rubber onto the wiper arm.



Caution

After replacing the wiper rubber, restore the wiper arm to the original position, or the wiper arm or engine cover may be damaged.

The abraded windscreen wiper rubber may damage the windscreen and even impact the driving vision.

Method for inspecting the rear windscreen wiper rubber:

Similar to the front windscreen wiper.

# Windscreen Washer Liquid

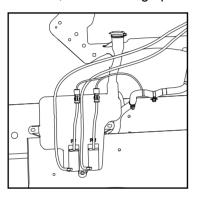
**Warnings** 

The washer anti-freeze is toxic, so it must be placed at the place inaccessible to children.

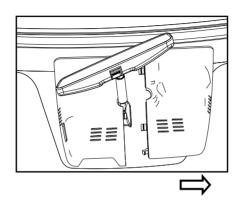
Regularly check the washer fluid capacity in washer. Add washer fluid if necessary.

The additives of washer fluid can improve cleaning effect. In winter, please add washer anti-freeze. Please adjust it as per the mixing ratio instructed by manufacturer. If the motor is working without

cleaner, it may be damaged. Don't use the anti-freeze as substitute, or will damage paint.



trimming II.



# Electronic Plate Installation Instructions

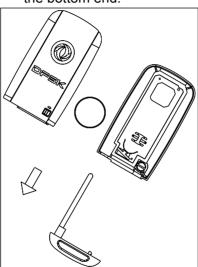
Take down the front windscreen mirror seat trimming II, paste the electronic plate onto the windscreen, and finally install the front windscreen mirror seat

# Battery of Remote Control Replacement of Battery

# Warning

- Keep children away from swallowing battery or spare parts dismantled.
- The improper treatment of battery may pollute environment, so please abide by the local laws and regulations about battery treatment
- When replacing battery, keep dirt or oil contamination away from battery.
- It is dangerous to improperly replace lithium battery.
   Please replace it with the same or equivalent type.
- Don't touch the internal circuit and electric connector or will result in fault.

 Ensure that the positive terminal (+) is connected to the bottom end.

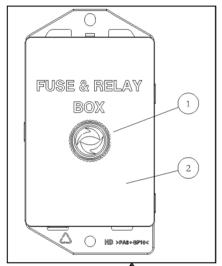


1. Find the button on the back of key, push the button in the arrow direction, and take out the mechanical key in the direction as shown in figure;

- 2. Carefully prize up and move the upper and lower cover of key with a flat blade; and
- 3. Replace the recommended new battery.

If you need help, please ask for after-sales service from DFSK.

#### **Fuse Box**



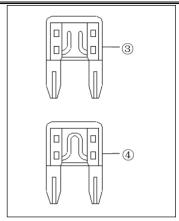
Caution

Don't use the fuse of the ampere higher or lower than that specified on the fuse box cover. Such may damage electric system or cause fire.

If any electric appliances are out of service, please check if the fuse is broken.

If any electric appliances are out of normal service, please check if the fuse is broken.

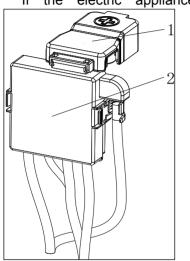
- 1. Confirm the ignition switch is set at "OFF".
- 2. Confirm the headlight switch is set at "OFF".
- 3. Open the engine cover.
- Rotate the opening knob① and raise the fuse box cover
   ②.
- 5. Find out the fuse to be replaced.
- 6. Use the puller in the fuse box to take out the fuse.
- 7. If the fuse is broken ③, replace it with a new one ④.



If the fuse installed is broken again, please ask for inspecting and repairing the electric system from the service stations authorized by DFSK.

# **Fuse Box of Battery Terminal Positive**

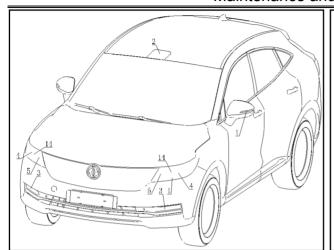
If the electric appliance

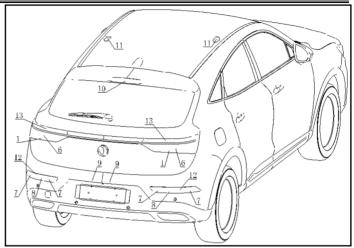


cannot operate normally when the fuse is under good status, please check fuse box 1; in case of any broken fuse, please replace it with the one of the same model.

Check and replace the fuse at the repair station authorized by DFSK.

#### Maintenance and What You Can Do





# Lights

- 1. Steering light
- 2. Front reading light
- 3. Front fog light
- 4. Low beam headlight

- 5. High beam headlight
- 6. Brake light
- 7. Rear fog lamp
- 8. Reversing light
- 9. License plate light

- 10. High Brake Light
- 11. Rear interior light
- 12. Reflex reflector
- 13. Position light
  - 14. Daytime driving light

# Caution

Don't replace the bulb without permission. If you do not meet the repairing regulations, it may result in poor contact, short-circuit light holder, light leakage and others. If you are to replace the bulb, please ask for aftersales service from DFSK.

# Attentions

In general, in rainy day, in case of washing car or other wet environment, the water in air will condensate on the internal surface of light, and form fog. Such case may repeat, and it is normal physical phenomenon that the fog will disappear as the time flies. If the fog cannot disappear, please ask for aftersales service from DFSK.

# Headlight

Headlight includes:

- 1. Position light
- 2. Low beam headlight
- 3. High beam headlight (it will be on when the low beam headlight is on)
- 4. Steering light
- 5. Daytime driving light (optional) Please refer to the instructions of integrated switch of light for the methods of turning on or off position light, low beam headlight, high beam headlight and steering light. Daytime driving light is automatically on and off.

# Front fog light

Please refer to the instructions of integrated switch of light for the methods of turning on or off front fog light.

# **Side Turn Signal Light**

Please refer to the instructions of integrated switch of light for the methods of turning on or off side turn signal light.

# Front Reading Light and Rear Interior Light

Please refer to the instructions for indoor lighting for the method of turning on or off front reading light and rear interior light.

## **Rear Integrated Light**

Rear integrated light includes:

- 1. Position light
- 2. Brake light
- 3. Steering light
- 4. Reversing light

Please refer to the instructions of integrated switch of light for the methods of turning on or off position light and steering light.

When steeping down the brake pedal, the brake light will be on; on contrary, it will be off.

When the gear-shifting handle is set at reverse gear, the reversing light will be on; on the contrary, it will be off.

## Rear fog lamp

Please refer to the instructions of integrated switch of light for the methods of turning

#### Maintenance and What You Can Do

on or off rear fog light.



#### Attentions

When the backdoor is open, the rear fog light will have steering light, position light and brake light functions.

# **High Brake Light**

When steeping down the brake pedal, the high brake light will be on; on contrary, it will be off.

# **Door light**

Please refer to the instructions for indoor lighting for the method of turning on or off door light.

# **Trunk Light**

Please refer to the instructions for indoor lighting for the method of turning on or off trunk light.

# **Exterior Light**

Item	Watt (W)
Low beam headlight	21W

High beam headlight	31W
Front position light	2.5W
Backdoor rear	4.5W
position light	
Front fog light	7W
Rear fog lamp	21W
Daytime driving light	14.5W
License plate light	4W
Front steering light	10W
Rear bumper	21W
steering light	
Backdoor brake	21W
light	
Backdoor steering	21W
light	
High Brake Light	4W
Backdoor stripe	4.5W
light	
Backdoor reversing	4.5W
light	
Rear bumper	5W
position light	

# **Interior Light**

=:9:::		
Item	Watt (W)	
Front reading	12W	

light	_
Rear interior light	3W
Door light	5W
Trunk Light	8W

#### Warnings

- If the lights are accessible to water leakage, please seek for overhauling from the DFSK after-sales service center to avoid affecting your use.
- •Don't replace bulbs without permission. No non-professional can replace them. If you do not meet the repairing regulations, it may result in poor contact, short-circuit light holder, headlight leakage and others.
- •It is inevitable for light lens surface to be affixed with pollutants which may result in high temperature in lights after they are on for a long time, cause potential deformation of lens, and even affect the light-admitting quality. To prolong the service life of lights and ensure your safety, please regularly wash the headlight lens.

# Tire and Wheel

If the tire is flat, refer to "Flat Tire" in "7. Emergency Measures".

#### **Tire Inflation Pressure**

Please regularly check the tire pressure, including the spare tire's pressure. The improper tire pressure may affect the tire life and vehicle driving. Check the tire pressure when the tire is cool. When the car is parked for 3h or longer, or it runs less than 1.6km, the tire shall be deemed as cool. The cool tire pressure is shown on tire pressure label.

If the tire is insufficient of pressure, it may result in tire overheating and internal damage. When the car runs at a high speed, it may result in tread separation and even tire burst.

# **Tire Type**

Caution

When replacing with the new tire, confirm that all tires are of the

same type (that is: summer tire, all-weather tire or snow tire) and structure. The service stations authorized by DFSK can provide you with the information about tire type, tire size, speed grade and supply.

The rated speed of new tire may be slower than that of original tire, and not always equal to the speed limit. So, don't drive at the speed over the maximum rated speed.

#### **All-season Tire**

Some models are equipped with all-season tires. The side wall of all-season tire is labeled with "ALL SEASON" or "M+S\*". When the temperature is lower than -7C°for a long time or there is long-term snow and icy roads, its performance will be poor. You are recommended to replace it with the snow tire with good performance. The snow traction

of snow tire is better than that of all-weather tire, and it is labeled with "M+S\*".

#### **Summer Tire**

DFSK summer tire provides the excellent performance under general weather conditions. The performance of summer tire is obviously poor when it is used on snowy or icy roads. Its side wall is not labeled with "M+S\*". If you are to drive on snowy or icy roads, DFSK recommends you to four snow tires or all-weather tires.

#### **Snow Tire**

If it is necessary to use snow tire, please choose tire with size and load grade equivalent to the original tire and snow tire. If not, it may affect your car safety and performance.

In general, the speed range of snow tire is lower than that of

original tire, and cannot match with the potential maximum speed of the car. Don't exceed the maximum speed range of tire. If the traction of icy roads are increased, use rubber studded tire. However, it is prohibited in some countries or districts. Please confirm the local laws and regulations before installing the rubber studded tire. The antiskid and tracking performances of rubber studded tire on wet or dry roads may be poor than that of tire without rubber studded tire.

#### **Tire Chain**

Some districts may prohibit from using tire chain. Therefore, please confirm the local laws and regulations before installing tire chain. When installing the tire chain, confirm if the tire chain size is suitable for your tire, and abide by the recommendations from the manufacturer of tire chain. If the manufacturer of tire

chain gives any advices, use the chain tensioner to keep the installing tightness. The connector of tire chain's flexible end must be fixed or removed to avoid damaging wheel fender or chassis. Moreover, please drive at a low speed, or will damage your car pr affect your car's operation and performance.

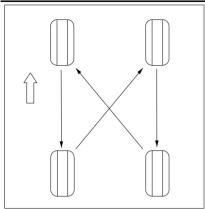
Install the tire chain onto the driving wheel.

Don't install tire chain onto the car running on the snow-free or good roads. This is because some stress will damage vehicle mechanisms.

# Wheel Exchange

DFSK recommends to exchange tires each 10,000km. As for tire replacement procedure, refer to "Flat Tire" in "7. Emergency Measures".

#### Maintenance and What You Can Do



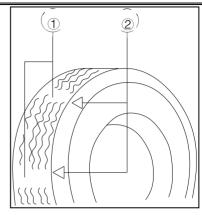
# Warning

- After tire exchange, please adjust tire pressure.
- After tire exchange, adjust tire pressure and screw up wheel nut again after driving over 1,000km (conduct such operation when the tire is flat).
- The improper choice, installation or maintenance

of tire will result in accident and personal injury. If case of any questions, please consult the service stations authorized by DFSK or tire manufacturer.

# **Tire Wear and Damage**

Regularly check if the tires are worn, cracked, swollen or with foreign matters on surface. If the tires are excessively worn, cracked, swollen or cut, replace them.



- Wear mark
- ② Mark of wear mark position The original tires are with wear mark ① on its surface. If the wear mark is visible, replace tires. The position of wear mark shall be indicated by mark ②.

The improper use of spare tire will result in serious damage; if it is necessary to repair spare tire, please consult DFSK franchise store.

#### Tire Life

The tire which has been used over 5 years shall not be used regardless of its status.

Tires will be aging as the times goes and it is used. Please regularly go to the service stations authorized by DFSK for inspecting tires and conducting dynamic balance, and tell the tire status to the service stations

# Replacement of Tire and Wheel

# **Warning**

Don't install the deformed tire and wheel which has been repaired. Maybe, such tires or wheels have been damaged, or get warning-free faulted or invalid.

When replacing tires, please use the tires which are of the size,

speed grade and load capacity same to the original ones. refer (Please to technical information in Chapter 10 "Tire and Wheel".) The use of tires which are not the recommended ones or those of different brands. structures (diagonal tires, bias belted tire, radial-ply tire or others) or tread-type tires will affect driving, braking, operating, ground clearance, clearance between vehicle body and tire. clearance of tire chain speedometer calibration. headlight beam angle, bumper height and others. Such may result in accident and even serious personal injury.

The tires for replacement must be of the same offset distance regardless of the replacement for any reasons. The tires of different offset distances will be early worn. Reduce vehicle operating performance or intervene with brake. The intervention with brake will reduce braking efficiency or early wear friction plate.

# **Wheel Dynamic Balance**

The unbalanced wheels will affect the vehicle operation and tire life. Even they are used normally, the tires will unbalanced too, therefore the wheels must be conducted the dynamic balances test regularly. conducting When dvnamic balance test, remove the wheels from vehicle. If the front wheels are not removed from vehicle when you conduct the dynamic balance test, it will damage gearbox.

## **Tire Pressure Monitoring**

Tire pressure monitoring system includes the following two kinds. The one is indirect monitoring system which judges

if the tire is abnormal according to speed difference. The other is direct monitoring system which conducts real-time monitoring on tire pressure and temperature via four tire pressure monitoring sensors installed in tires, and gives alarm about high tire pressure, low tire pressure and high temperature to avoid any accidents caused by tire fault and ensure driving safety.

# **Spare Tire Conventional Spare Tire**

Your car is equipped with a standard tire.

# **Regular Maintenance**

Whether the additional maintenance is required or maintenance interval is shorten is subject to weather and air conditions, road status, personal driving habit and vehicle purpose. Regularly do similar

maintenance after the final regular maintenance in the completion table.

See detailed maintenance plan in Maintenance Manual for F537 (On-board).

## **Recommended Fuel / Lubricating Oil and Capacity**

The following table shows the theoretical capacity which may be slightly different from the actual one. So, refer to the refueling standard as mentioned in this chapter.

			Specification		Inject capacity	
Item	SFG15T (CVT)	SFG15T(6MT)	HD15 (CVT)	SFG15T(CVT)	SFG15T(6MT)	HD15(CVT)
Fuel	92# or higher ι	unleaded petrol	95# or higher unleaded petrol		58L	

#### Maintenance and What You Can Do

Oil	SM 5W/30			(4.5±0.1)L		
Gearbox gear oil	IDEMITSU CVTF-EX1	GL-4	IDEMITSU CVTF-PN3H	(4.68±0.05)L	(2.0±0.1) L	(7.36±0.05) L
Engine coolant	FD-20 (general) FD-40 (extremely cold areas)			(6.5±0.2)L		
Windscreen Washer Liquid	- #20 (general) - #35 (alpine area in winter)				(3.5±0.2)L	
Brake Fluid	HZY4; GB12981-2012		rake Fluid HZY4; GB12981-2012 (0.65±0.03)L/vehicle		;	
A/C refrigerating fluid	1234YF or R134a			Amount to be r	refilled for double ev (450±20) g/vehicle	aporator A/C is

- 1. As for engine oil, refer to the recommended SAE viscosity table in "Chapter 10 Technical Information".
- 2. SFG15T+CVT vehicle fuel shall not be replaced with other fuels including CNG, LPG and others. Note: If the transmission is damaged due to the use of other fuel, it is not guaranteed, even if it is faulted within the warranty period.
- 3. SFG15T+CVT transmission gear oil must be IDEMITSU CVTF-EX1.

  Note: If the transmission is damaged due to the use of not original transmission oil, it is not guaranteed, even if it is faulted within the warranty period.
- 4. You are recommended to use the DFSK original engine coolant to avoid corroding the aluminum metal in the engine cooling system.
  - Note: If the transmission is damaged due to the use of not original engine coolant, it is not guaranteed,

# Maintenance and What You Can Do

even if it is faulted within the warranty period.

5. Don't mix up with other brake liquid (HZY4).

# Recommended Fuel / Lubricating Oil and Capacity Recommended Fuel Gasoline Engine (Threeway Catalytic Converter)

# **Warning**

Don't use leaded gasoline, because it may damage the three-way catalytic converter. Please use the lead-free quality gasoline at 92# or above as stipulated in GB 17930.

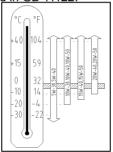
The vehicle meets the provisions of GB18352.5-2013 Limits and Measurement Methods for **Emissions** from Liaht-duty Vehicles (China 5), and meets the emission standards of China V upon normal delivery. Please use the fuel with octane of 92 or above and complies with the emission standard of China V. If other fuels are used, the emission performance may be deteriorated

and may turn on the malfunction indicator light (MIL).

# Recommended SAE Viscosity Table

# **Engine Oil**

Choose the viscosity suitable for the external temperature from the Table. It shall be the grade SM and above as stipulated in GB 11122.



# Recommended A/C Refrigerating Fluid and Lubricant

DFSK A/C system must be filled with R134a refrigerating fluid and

DFSK lubricant or equivalent. Any other refrigerating fluid or lubricant may cause serious damage and even the case the whole A/C system should be replaced.

Many countries and districts prohibit from emitting refrigerating fluid to atmospheric laver and vour atmospheric layer is R134a. DFSK recommends to recycle and reuse refrigerating fluid. If it is required to repair A/C system, please contact the service stations authorized by DFSK.

# **Tire and Wheel**

THE WHEEL					
		Standard -		235/50 R18	
Tire	size	Stalidald		245/45 R19	
		Spare Tire		T165/80 R17	
Tiro Cno	Tire Specification		235/50 R18		
The Spe			245/45 R19		
Tire pressure	Front	230 (no load) /230 (full load)			
(cold state)		230 (no load) /250 (full loa		/250 (full load)	
(kPa)	Spare	420kPa			
	Ту	ре	Size	Offset distance (mm)	
Wheel	Aluminu	m wheel	18×7.5J	40	
	Aluminu	m wheel	19×8J	40	

# **Wheel Position**

Toe-in of front wheel (one-sided)	10'±3'
Toc-in of front wheel (one-sided)	10 13
Front-wheel camber	-0.5°±0.5°
Kingpin inclination angle	14.4°±0.5°
Kingpin caster angle	3.4°±0.5°
Rear-wheel camber	-0.25°±0.25°
Toe-in of rear wheel	0.08±0.08

# **Vehicle's Main Technical Parameters**

Item		Parameter
	Engine model	SFG15T(6MT)/SFG15T(CVT)
Mass	Displacement / power (ml/kw)	1.498/110
parameter	Maximum authorized total mass (kg)	2095
	Passengers	5

	Axle load distributed under maximum authorized total mass (front / rear axle) (kg)	1041/1054
	Rated load (kg)	N/A
	Unladen mass (kg)	1570
	Axle load distributed under unladen mass (front / rear axle) (kg)	890/680
	Overall dimension (length × width × height) (mm)	4685× 1865× 1645
	Wheel tread (front / rear) (mm)	1580/1570
Size parameter	Front suspension / rear suspension (mm)	965/930
'	Wheelbase (mm)	2790
	Approach angle / departure angle (full load) (mm)	19.4°/ 25° (no load), 18.5°/21.4° (full load)
Vehicle mass center height (mm)		650.8/652.3

Minimum ground clearance (mm)			195 (no load) /176 (full load)
Minimur	Minimum Turning Diameter (m)		11.5
	Maximum speed (km/h)		>180
Dynamic property	Time from starting, gear shifting to 400m (s)		≤21
	Steep slope performance	Gradient (%)	≥30
Economic efficiency	Comprehensive oil consumption (L/100km)		7.5(6MT)/7.3(CVT)
Idle speed (rpm)			750± 50

	Item	Parameter	
	Engine model	HD15T(CVT)	
	Displacement / power (ml/kw)	1498/130	
Mass parameter	Maximum authorized total mass (kg)	2155	
	Passengers	5	

	Axle load distributed under maximum authorized total mass (front / rear axle) (kg)	1080/1075
	Rated load (kg)	N/A
	Unladen mass (kg)	1630
	Axle load distributed under unladen mass (front / rear axle) (kg)	945/685
	Overall dimension (length × width × height) (mm)	4685× 1865× 1645
	Wheel tread (front / rear) (mm)	1580/1570
Size parameter	Front suspension / rear suspension (mm)	965/930
<b>F</b> 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Wheelbase (mm)	2790
	Approach angle / departure angle (full load) (mm)	19.4°/ 25° (no load) 18.5°/21.4° (full load)
Vehicle mass center height (mm)		647.6/649.2
Minimum ground clearance (mm)		195 (no load) /176 (full load)
Minimum Turning Diameter (m)		11.5

Dynamic property	Maximum speed (km/h)		190
	Time from starting, gear shifting to 400m (s)		≤20
	Steep slope performance	Gradient (%)	≥30
Economic efficiency	Comprehensive oil consumption (L/100km)		7.5

Engine model	SFG15T(6MT)/SFG15T(CVT)	
Maximum torque (N·m)	220	
Rated power (kw)	110	
Max. net power (kw)	110	
Туре	In-line, 4-cylinder and 4-stroke, water cool, double overhead camshafts, 16-valve, electronic-control sequential multi-point fuel injection, silent chain transmission, VVT, turbocharging	
Driver type	Front-engine front-wheel-drive layout	
Cylinder arrangement	In-line	
Cylinder diameter × stroke (mm)	75×84.8	

Displacement (ml)	1.498
Idle speed (rpm)	750± 50
Spark plug	LDK8RAPP/YR6NI302S

Engine model	HD15(CVT)	
Maximum torque (N·m)	270	
Rated power (kw)	110	
Max. net power (kw)	130	
Туре	In-line, 4-cylinder and 4-stroke, water cool, double overhead camshafts, 16-valve, electronic-control sequential multi-point fuel injection, silent chain transmission, VVT, turbocharging	
Cylinder arrangement	In-line	
Cylinder diameter × stroke (mm)	75×84.8	
Displacement (ml)	1.498	
Idle speed (rpm)	750± 50	

Spark plug	ZR5SII3320/SHH00
------------	------------------

It	em	HD15(CVT)	SFG15T(6MT)	SFG15T(CVT)
Model		VT5	MF620/SMF620	VT3
Туре		CTV transmission	MT	CTV transmission
	1 <sup>st</sup> gear	0.378-2.72	3.727	
Speed Ratio	2 <sup>nd</sup> gear		2.045	
	3 <sup>rd</sup> gear		1.393	0.442.0.440
	4 <sup>th</sup> gear		0.975	0.443-2.146
	5 <sup>th</sup> gear		0.761	
	6 <sup>th</sup> gear		0.644	
	Reverse gear	1.904	3.545	2.682
	Final ratio	5.164	4.353	5.76

# Traveling or registration abroad

If traveling to other countries or districts, please firstly confirm where you can buy the fuel suitable for your car. The fuel of lower octane value may cause losses to your engine. Therefore, you must ensure that you can get the fuel suitable for your car wherever you go. With respect to the supplementary information about recommended fuel, refer to the contents aforesaid of this section.

If you have to register for your car in other countries, states, province or districts, go to the authority to confirm if your car meets the local laws and regulations. In some cases, the car cannot meet the local laws and regulations. However, sometimes you can modify your car to meet the local laws and regulations.

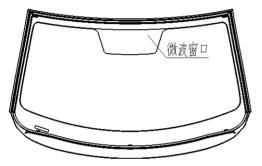
With respect to vehicle emission control and safety standard laws and regulations, when getting or registering in countries, states, provinces or districts, you have to take charge of modification, transportation and registration by yourself. DFSK will not be responsible for any potential inconvenience.

# Vehicle Identification Sign Vehicle Identification Label (Nameplate)

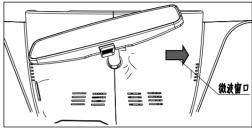
Vehicle nameplate is fixed below the Column B on the right side.

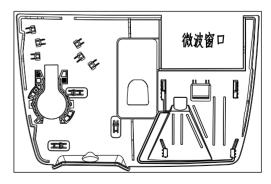
#### **Microwave Windows**

The electronic identification is installed at the position as required in GB/T35790.1-2017, and the trimming of mirror seat without front windscreen is installed at the position as indicated in the following:



If it has the trimming of mirror seat with front windscreen, the shell of carcorder shall be taken down as per the direction during installation, and the specific position is as indicated in the picture below:





# Position of Vehicle Identification Number (VIN)

Passenger car ECU records the VIN and other characteristic information, and the VIN ecorded can be connected to the access hole via fault diagnostic apparatus (such as PS80 from Xtool Tech) and enter electronic injection management system of the corresponding vehicle model. Relevant information of specific reader The vehicle identification number plate is the legal sign.



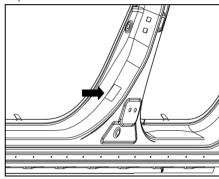
There are 9 signs of vehicle identification number (VIN). They are as follows: They are as follows:

1. At the front left side of instrument board, see the following picture;



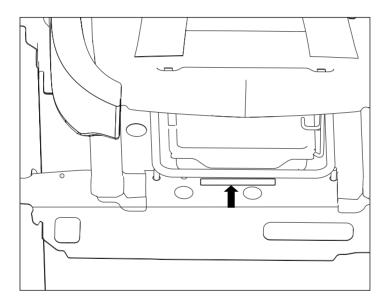
2. Rear floor, see the following picture:

8. Threshold of front left door, see the following picture:



# **Vehicle Identification Number (VIN)**

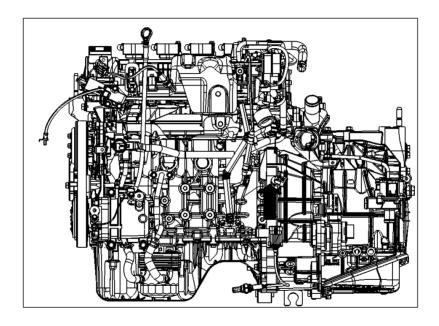
It is located below the front passenger seat as shown below.



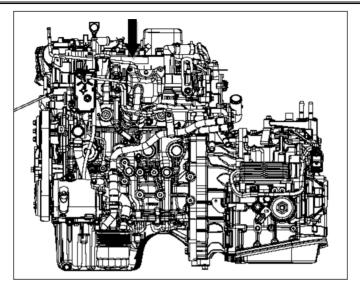
# **Engine Serial No.**

following arrow:

It is printed on engine as shown as the

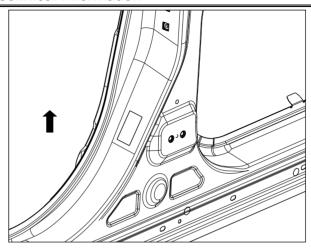


SFG15T Engine



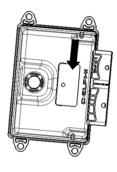
**HD15 Engine** 

## **Tire Pressure Label**

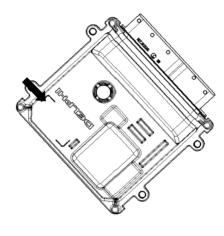


The pressure of cold state tire is shown on the tire pressure label on the middle upright of driver side.

# **ECU Sign**

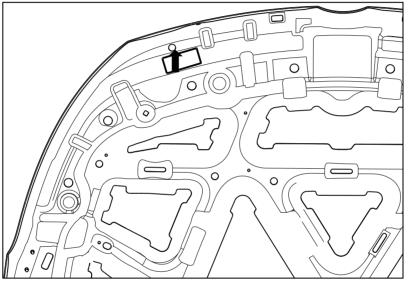


SFG15T Engine ECU



**HD15 Engine ECU** 

# A/C Specification Label (Optional)



Label for Specification of A/C is pasted on the back of engine cover as shown above.

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NO.	Fecha de Mantenimiento	Contenido de mantenimiento	Firma del distribuidor

	<del>                                     </del>