Preface

Acknowledgment

Sincerely thank you for your trust in JAC Motors and its products. Welcome to join the growing ranks of JAC Motors owners. We offer you this vehicle with full confidence. The vehicle is advanced in technology, sophisticated in craft, excellent in performance. Through strict quality control, it is provided with excellent power, economy, comfort and safety, and is equipped with many convenience and entertainment functions for your use.

Be sure to bring this manual with you onboard. Before the first use of this vehicle, please be sure to read this manual carefully, get familiar with its structure and various functions, methods of application and the relevant provisions of the company as soon as possible. You are advised to use and maintain the vehicle correctly, make full use of its excellent performance, ensure safe driving, and keep the value of this vehicle.

If you have any questions about the vehicle or the instruction manual, please contact our franchisees. Your questions and suggestions are welcomed at any time.

Have a good ride and have a safe trip.

Jianghuai Automobile Group Co., LTD

Safety Cautions

To ensure the safety of you and your passengers, please follow the following important driving rules:

- 1. Do not drive after drinking or taking drugs.
- 2. Be sure to observe speed limit signs. Do not overspeed, overload or drive with exceeded seating capacity.
- 3. Be sure to inform all passengers of the correct use of the onboard safety system.
- 4. Consult this manual frequently for important safety information.

About This Manual

This user's manual introduces all models of this series and all equipment that may be equipped. It does not indicate whether it is optional equipment or standard equipment. Therefore, your vehicle may not have some of the equipment described in this manual, or only vehicles sold in certain markets have these equipment. Please check the purchase contract to confirm the configuration of the vehicle you purchased. Please consult our franchisees for details.

This manual is used to help you understand the operation and maintenance of your vehicle, so as to keep your vehicle in a good handling performance. Please read through this manual before using your vehicle. Please remember that JAC authorized after-sales service store have best acquaintance with your vehicle. If you need any service or have any questions, we are more than happy to serve you.

All the technical data in this instruction manual are applicable to the circumstances at the time of publication of this manual. We reserve the right to change the specifications or design elements without prior notice as the company continues to make modifications and improvements to the vehicle. As a result, the technical data of the vehicle you purchased may be different from the data listed in this operation manual. Please do not lodge a legal appeal to us based on the differences among the technical data, illustrations and instructions.

Be sure to carry a full set of documents with you at any time. If this vehicle is resold or lent to others, be sure to give the new owner the full set of accompanying documents.

The copyright of this manual belongs to Anhui Jianghuai Automobile Group Co., Ltd. Reproduction of all or part of the content

is strictly prohibited without the consent of the company. Anhui Jianghuai Automobile Group Co., Ltd. is responsible for the modification and interpretation of this manual.

Fuel Quality Precautions

JAC will not provide warranty service for damages on engine, gearbox and other transmission system caused by applying disqualified fuel or lubricating oil, even the vehicle is still in warranty. Please make sure to apply qualified fuel and lubricating oil for your vehicle.

Vehicle Refitting

Unauthorized refitting on vehicle is strictly prohibited. Refitting may affect a vehicle's performance, safety or durability, and may violate government regulations. Hence, do not try to refit your vehicle under any circumstances. Damage or performance problems caused by unauthorized refitting are not covered under JAC warranties.

Safe Driving Notice

Danger

• The text content with this symbol is related to driving safety. If the relevant warnings are not followed, it is very easy to cause accidents, seriously hurting or killing passengers in the vehicle.

Warning

• The text content with this symbol is related to driving safety. If the relevant warnings are not followed, it is possible to cause accidents, seriously hurting or killing passengers in the vehicle.

Caution

• The text content with this symbol is related to driving safety. If the relevant warnings are not followed, it is possible to cause accidents, hurting or seriously hurting passengers in the vehicle.

(!) Notice

• The text with the symbol indicates possible damage to the vehicle. Be sure to strictly follow the warnings when using this vehicle.

Environmental Protection

• The text with the symbol is closely related to environmental protection.

Except for special explanation, the directions of the vehicle (front, rear, left, right) in this manual shall be subject to the driving direction.

Road and off-road driving (4WD model): 4WD model is different from ordinary vehicles in driving and operating methods. Because its gravity center is higher than ordinary models, incorrect operation may cause the vehicle to lose control or cause an accident. Please be sure to read the "Notes for Driving on Road and Off Road" carefully.

Airbag Warning Label



Airbags are designed to protect adults when accidents occur, posing a significant risk to children. Do not install the child protection device on the co-driver's seat with an airbag. Otherwise when the airbag inflates, the huge impact may lead to infant's injury or even death. See "Child Protection System" for more information.

Contents

| 1 Safety | 1 |
|---|----|
| Seat | 2 |
| Seatbelt | 7 |
| Children safety | 15 |
| SRS System | 19 |
| | |
| 2 Instrumentation and control | 27 |
| Combination instrument | 29 |
| Instrument and gauge | 30 |
| Indicator and warning lights | 32 |
| Multi-function information display screen | 43 |
| Lighting adjustment | 47 |
| Windshield wiper and washer switch | 48 |
| Exterior illumination lamp | 50 |
| Interior lamp | 54 |
| Steering wheel accessory switch operation | 55 |

| Sun visor | 57 |
|---------------|----|
| Power supply | 57 |
| Storage space | 58 |
| Window | 60 |
| | |

| 3 Inspection and adjustment before driving | 63 |
|--|----|
| Key | 65 |
| Smart key system | 67 |
| Anti-theft system | 71 |
| Door | 72 |
| Tailgate | 75 |
| Check indicators and warning lights | 75 |
| Check tire | 76 |
| Engine compartment cover | 77 |
| Battery saving system | 78 |
| Windshield washer fluid | 78 |

a

| Fuel-filler door79 | Emission control system | 126 |
|---------------------------------------|--------------------------------|-----|
| Steering wheel adjustment81 | Various driving situations | 129 |
| Rearview Mirror82 | | |
| | 5 A/C and infotainment system | 137 |
| 4 Starting and driving | Air outlet | 138 |
| Running-in period87 | Air conditioning system | 139 |
| Precautions when starting and driving | Infotainment system | 143 |
| Start the vehicle94 | | |
| Driving | 6 Emergency situation | 145 |
| Economic driving | Danger warning device | 146 |
| Power steering system | Tire leaks air quickly | 147 |
| Driving brake system | Replace spare tire | 148 |
| Brake Auxiliary System | Using of extinguisher | 154 |
| Parking Brake System111 | Jump start | 154 |
| 360° panoramic parking system | Push start | 156 |
| Reversing radar system | Trapped car to release | 156 |
| Reversing image system | Vehicle towing | 156 |
| Cruise control system(CCS) | Emergency in driving condition | 157 |
| | | |

| 7 | Cleaning and maintenance | 159 |
|---|---------------------------------------|-----|
| | Cleaning and maintenance instructions | 160 |
| | External cleaning and maintenance | 161 |
| | Interior cleaning | 165 |
| | Rust proofing treatment | 167 |
| | | |
| 3 | Maintenance and DIY | 169 |
| | Maintenance requirements | 170 |
| | Engine compartment check | 174 |
| | Engine coolant | 176 |
| | Engine oil | 178 |
| | Transmission oil | 181 |
| | Air filter | 181 |
| | Fuel filter | 182 |
| | Brake | 184 |
| | Windshield washer fluid | 186 |
| | Windshield wiper | 187 |
| | Battery | 189 |

| Replace fuse | 189 |
|-------------------------|-----|
| Replace the bulb | 191 |
| Wheel | 192 |
| | |
| 9 Technology parameters | 199 |
| Vehicle identification | 200 |
| | |



Safety

| Seat | 2 |
|-------------------------------|----|
| Front row seat adjustment | 2 |
| Rear row seat adjustment | 3 |
| Seat heating | 4 |
| Seat armrest | 5 |
| Headrest | 6 |
| Seatbelt | 7 |
| Seatbelt using notice | 7 |
| Safety-belt reminder | 11 |
| Protection for pregnant women | 11 |
| Protection of the wounded | 11 |

| 2 |
|---|
| 2 |
| 4 |
| 4 |
| 5 |
| 5 |
| 6 |
| 9 |
| 1 |
| 2 |
| 2 |
| |

1

9

3

4

_

A

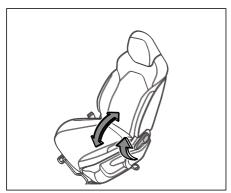
,

a

Seat

Front row seat adjustment Adjust the inclination angle of backrest

- 1. Pull up the adjusting handle at the side of the backrest to adjust the backrest. Release the handle and push back the backrest before being locked.
- 2. Pull up the handle and the seat backrest will move to vertical position automatically.

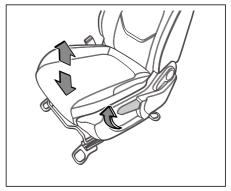


Move seat back and forth



Lift up the pull rod in front of the seat and move seat back and forth. Seat should be fixed after pull rod is released.

Move seat up or down



Move seat up and down by lifting or pressing the side handle of the seat cushion several times as needed.

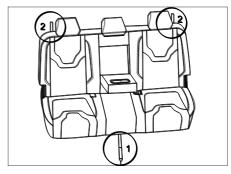
Danger

- When driving the vehicle, the driver should adjust the seat backrest to the vertical, sit close to the backrest, and properly adjust the seat belt in order to avoid injury or death when emergency brake or collision occurs. Avoid sudden start driving or emergency braking and other situations, resulting in personal casualties.
- When seating in the vehicle, adjust the seat back to the upright position.
 Otherwise, your passenger may slip out of the safety belt at the waist and be seriously injured in a collision.
- Do not adjust the driver's seat while driving, or it may cause the vehicle to lose control. The driver's seat can be adjusted only when the vehicle is stationary.

Warning |

- The distance between the driver and the steering wheel must not be less than 25cm and the knee area must be at least 10cm from the dashboard. And do not place any items in the front seat adjustment area.
- Make sure the seat, seat belt and headrest are in the correct position before driving.
- Do not leave children or people in need or pet in the vehicle alone. They may inadvertently flip a switch or controller and accidentally get involved in a serious accident and injure themselves.

Rear row seat adjustment



Folded cushion

The rear seat cushion has a flip function. Pull the rear seat ① to release the bottom latch and flip the cushion up, and buckle the hook on the headrest rod.

Backrest flip

The rear seat backrest has a flip function. Pull the backrest pillow ② to release the backrest lock hook and flip the backrest up, and rotate the backrest and put it on the cushion.

1

2

3

4

5

6

7

0

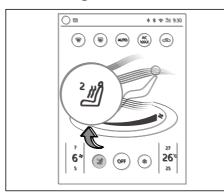
С

\bigcirc

Warning

- Confirm that the backrest has been locked in place. if the backrest is not locked in place, it cannot provide effective protection in the event of a collision or emergency braking.
- It is forbidden to adjust the seat while the vehicle is running.

Seat heating



Turn the ignition switch to "ON" position, and click the seat heating button on to on MP5 screen to activate the seat heating function. The heating is in the third gear by default. Click the heating button again to select the heating block. Click the "OFF" button to turn off the seat heating function. Please do not switch on seat heating function in the following situations:

- 1. Seat is unoccupied.
- 2. Seat has a protection cover.
- 3. Seat cushion is damp.
- 4. Temperature inside or outside is higher than 25°C.



Warning

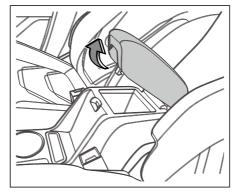
- People who are not sensitive to pain or temperature due to medication, leg disability or chronic conditions (e.g. diabetes) may suffer burns to their back, hips and legs if they use the seat heating function. Therefore, it is necessary to find out your health condition in advance to determine whether you are suitable to use the seat heating function. Do not use seat heating for persons who are not sensitive to pain or temperature.
- Damp seat cushion may cause seat heating to fail and increase the risk of burns.
- Make sure the seat is dry before using the seat heating.
- Do not sit on the chair when your clothes are wet.
- Do not put damp items or clothes on the seat.
- Do not spill the liquid on the seat.
- If the odor occurs during heating, please turn off the seat heating function immediately and contact the JAC authorized after-sales service store for maintenance.

(!) Notice

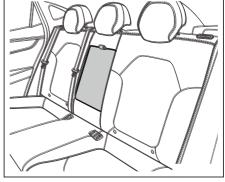
- Using the seat heating function when the power system is not running may cause the battery to run out of power. Do not use the seat heating function for a long time or when no one is seated in.
- If any liquid spilled onto the heated seat, be sure to wipe it off immediately.
- Do not use fuel, diluent or similar liquids to clean the seat.
- The seat heating function should be used according to the actual needs, and should be closed in time when it is not needed.

Seat armrest Front row

The cover of the central console storage box can be used as a armrest.



Rear row seat



If you need to pull out the armrest, pull the snap ring. If you need to flip back the armrest, pull up the middle armrest and press it into the seat back.

1

つ

2

4

5

S

7

า

 \cap

Headrest

Adjustable headrest

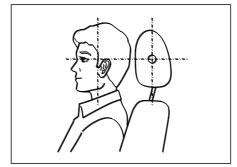
If your vehicle is equipped with an adjustable headrest. There are multiple notches in the headrest to lock it in the desired position.



Warning

- Headrest plays an auxiliary role in other safety systems of the vehicle.
 Headrest provides additional protection against injury in certain rear-end collisions.
- Do not tie anything to the headrest or remove the headrest.
- If the headrest has been removed, please reinstall and properly adjust the headrest before using the seat.

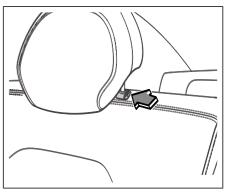
Headrest optimum position



The headrest provides maximum protection when the center of the headrest is level with the top of your ears.

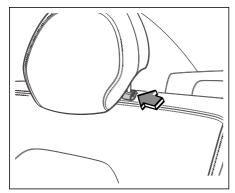
Removal

Remove the headrest with the following steps.



- 1. Pull the headrest up to the highest position.
- 2. Press the lock button.
- 3. Continue to pull the headrest up and remove the headrest from the seat.

Installation

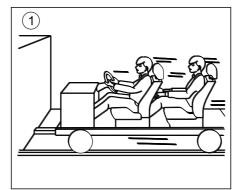


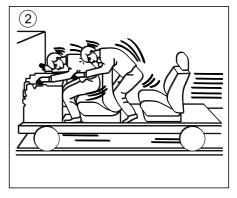
- 1. Align the headrest stalks with the holes in the seat. Make sure the headrest is facing the correct direction. The stalk with the adjustment notches must be installed in the hole with the lock buttons.
- 2. Push and hold the lock knob and push the headrest down.

Seatbelt

Seatbelt using notice Why seatbelt can protect

When you sit inside or above an object, you move at the same speed as that object. Take vehicle as the simplest example: assume that the vehicle is a seat with wheels and people sitting on it, as shown in figure ①. Accelerate it, then stop, and the person in the vehicle will not stop, but will continue to move forward until it is blocked by an object(which may be the front windshield or the dashboard), as shown in figure ②.





If you sit properly and fasten your seat belt correctly, you will slow down with the vehicle, as shown in figure ③. At the time of the accident, the chance of injury or death or the severity of injury is greatly reduced. Even if your vehicle is equipped with an auxiliary airbag, JAC strongly requires you and all your passengers to check and properly wear seat belts before any ride.

1

2

2

4

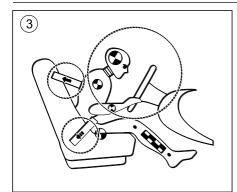
5

6

 $\overline{}$

0

0



- Damaged seat belts are not only unable to play a protective role, but will affect the protective function of the seat belts. In case of accidents, it may lead to casualties.
- Be careful not to jam the seatbelt in the door or seat, otherwise it will damage the seatbelt.
- If the seat belt base or other parts of the seat belt are damaged, the seat belt may be torn apart in the event of an accident or emergency braking.

\bigcirc

Warning

- The damaged seat belt shall be replaced immediately with the new seat belt approved by the company for use in the vehicle. Any seat belt damaged or elongated by accident must be replaced at the JAC franchised after-sales service store. Even if there is no apparent damage to the surface of the belt, it must be replaced. The safety belt fastener should also be checked for damage.
- Do not attempt to repair, modify or remove your own safety belt. All maintenance of safety belt, safety belt rewinder, lock tongue and lock must be carried out by the JAC authorized after-sales service store.

Check safety belt

Keep seat belts clean and check all seat belts regularly. If it is difficult to pull the seat belt out, it may be that the seat belt returns to the side panel too quickly, resulting in the seat belt being twisted.

- 1. Grab the seat belt latch and slowly pull the seat belt out.
- 2. Smooth the seat belt by hand and slowly flip it back into the side panel.

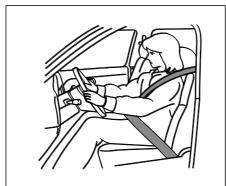
Even if it is impossible to smooth the seat belt and eliminate the distortion, you should still wear the seat belt when driving, but the seat belt distortion part shall not be in contact with the occupant's body part. In this case, you should contact JAC authorized after-sales service store for maintenance as soon as possible.

Wear the safety belt correctly

The seat belt is designed according to the bone structure of the human body. The seat belt must cross the front of the pelvis, tie in the lower part of the pelvis or tie in the pelvis, chest and shoulder, and adjust the seat and headrest according to the body.

_

-











\bigcirc

Warning

- Inappropriate wearing or not wearing seat belts will increase the risk of accident injuries. Proper wear and use of seat belts can give full play to its protective role.
- Seat belts provide best protection when the seat back is in an upright position and the occupant is wearing them correctly.
- The belt must be in the middle of the passenger's shoulder and must not be clipped under the arm or strangled in the neck.
- Seat belts must be spread flat and fitted to the occupant's chest.
- The belt must be located in the pelvis and must not be pressed on the stomach. It must be spread flat and fitted to the occupant's chest.
- Be careful not to twist the seat belt while wearing it.
- Do not pull the seat belt away from the body by hand. Tighten the seat belt as much as possible without

\bigcirc

Warning

sacrificing comfort.

- Do not place the seat belt on hard objects such as glasses, pens or keys.
- Do not change the direction of the seat belt with clips, fasteners or similar devices.
- All drivers and passengers must be seated correctly and wear seat belts at all times, even when driving in the city.
- When carrying a child, the child should sit in the back seat and use an appropriate child restraint system according to the child's weight and height.
- The seat belt lock tongue must be inserted into the respective seat latch and ensure that it is locked. If the safety belt lock tongue is inserted in the other occupant seat latch, it will greatly reduce the protection of the safety belt, and the accident is prone to serious injury.
- Do not allow foreign object or fluid



Warning

- to enter the latch of the safety belt. Otherwise, the safety belt latch and safety belt will not function properly.
- When driving, do not share one seat belt with other people. One seat belt is for one person only. No child or infant is allowed to be carried by any occupant.
- When wearing a seat belt, you should remove a loose and bulky coat (e.g. heavy down jacket) to avoid affecting the wearing of the seat belt and its protective effect.

Safety-belt reminder

If the vehicle starts driving without a seat belt, or if the seat belt is unfastened during driving, the system will alert the driver and the warning light will continue to light or blink. The warning light goes out until the driver and the occupants fasten their seat belts.



Warning

- Inappropriate wearing or not wearing seat belts will increase the risk of accident injuries.
- The proper use of seat belts can give full play to their protective effect.

Protection for pregnant women



Pregnant women should follow special instructions from their doctors when driving or riding in vehicles. Three-point seat belts should be used when driving or riding in a vehicle. The shoulder seat belts should be placed in the appropriate place of the chest and the seat belts in the pelvis should be as low as possible. Seat belts must be flat and sit straight back to reduce the risk of injury to the mother and fetus from a crash or inflatable airbags.

! Danger

• Do not fasten your seat belt on your abdomen.

Protection of the wounded

Regarding the use of seat belts for the wounded persons, please contact your doctor for detailed advice.

1

2

3

4

5

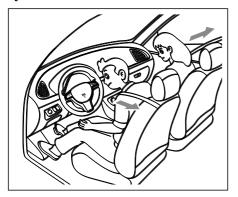
A

7

o

 \sim

Safety belt pre-tensioning system

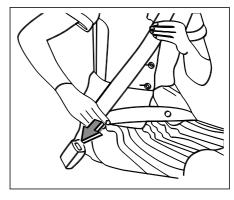


If your vehicle is equipped with a seat belt pre-tightening device. In certain types of collisions, the belt preload system may be activated with the airbag system. The seat belt pre-tightening system works with a seat belt retractor to help you and your passengers secure the seat belt immediately in the event of some cases of collision. The use of a seatbelt with a seatbelt pre-tightening system is the same as that of a regular seatbelt.

Warning

- The pre-tensioner in the belt pretensioning system cannot be reused after it is started. It should be replaced with the rewinder and the whole set of belt latch.
- If the vehicle has a collision, but the seat belt pre-tensioning device does not start, please be sure to check the seat belt pre-tensioning system at the JAC authorized after-sales service store. If necessary, please replace it.
- Do not arbitrarily change the parts or wiring of the belt pre-tightening system. This is to prevent accidental activation or damage of the belt pretightening system.
- Unauthorized electronic test equipment and detection devices shall not be used in the pretightening system of safety belts.

Three-point seat belts Fasten the seat belt



- 1. Adjust seat to proper position.
- Slowly pull the seat belt out of the retractor, make sure it smoothly passes around the entire pelvis, chest, and clavicle midpoint, keep it between the neck and shoulders.
- 3. Insert the tongue into the buckle until you hear and feel the latch engage.
- 4. Pull your seat belt hard and make sure it is fastened.
- 5. Tighten the seat belt toward the retractor, make sure the shoulder seat

belt crosses the shoulder and attaches to the chest, with the waist seat belt partially attached under the hips.

$\overline{\Diamond}$

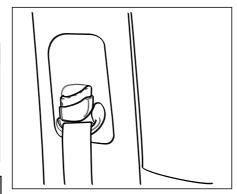
Warning

• Do not recline the seat back too much for comfort. Seat belts are the most effective when the passenger is sitting upright against the back of the seat.

(!) Notice

- The retractor can act as a lock in case of sudden braking or collision.
 Slowly pull the seat belt, you can make a little movement on the seat.
- If the seat belt cannot be pulled out of the fully contracted position, pull hard and release. Then pull the belt out of the retractor smoothly.

Safety belt height adjustment



Press the release button and adjust the height of the shoulder belt to the most suitable position. Release the adjustment button to lock the shoulder belt anchor into position.

- The shoulder belt anchor height should be adjusted to the best position for you. Failure to do so may reduce the effectiveness of the entire restraint system and increase the chance or severity of injury in an accident.
- Shoulder seat belts should be fastened in the center of the shoulder. Do not put it on your neck.
- Make sure your seat belt is free from entanglement.
- After adjustment, move the shoulder belt holder up and down to ensure it is firmly fixed.

1

2

3

4

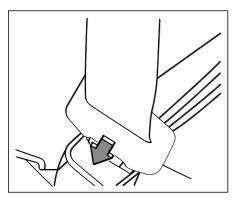
5

6

7

0

Unbuckle seat belt



Press the button on the lock and the belt retract automatically. If the belt fails to retract, check if the belt is knotted and try again.

Check the performance of the safety belt

When the safety belt is quickly pulled out from the retractor or the vehicle is rapidly slowed down, the safety belt retractor can lock the safety belt from sliding. To increase the reliability of the seat belt, please check the performance of the seat belt. Grab the shoulder belt and pull forward quickly. The retractor should lock to prevent the belt from sliding further. During the inspection, if the rewinder cannot lock the safety belt, please contact the JAC franchised after-sales service store for maintenance immediately.

Safety belt extension

If you need to extend the seat belt due to your size or other reasons, please contact the JAC franchised after-sales service store for help.

○ Warning

 Do not modify or extend seat belt without permission, otherwise it may affect the protective function of seat belt. Accidents can lead to casualties.

Safety belt maintenance

- 1. Regularly check whether all the components of the belt (such as lock, lock tongue, retractor, webbing and retainer) are working properly. If the belt strap is found to be loose, worn, cracked or otherwise damaged, replace the entire belt assembly.
- If there is dirt on the belt guide, the belt will retract slowly. Please wipe the shoulder belt guide with a clean dry cloth.
- 3. When cleaning the belt strap, wash it with a neutral soap solution or with the recommended solution for cleaning the interior decorations or carpets. Then wipe the belt with a cloth and leave it in the shade to dry. Do not roll the belt back into the rewinder before it is completely dry.

Children safety Children protection

Children need to be properly protected when they take a ride. Please follow the local national standards and regulations to choose the appropriate child restraint system according to the size of the child.

○ Warning

- Infants and young children need special protection. The seat belts in the vehicle don't fit them. Wearing the wrong seat belt can result in serious or fatal injuries in an accident.
- Be sure to use an appropriate child restraint system.

Infants and young children

Please select a child restraint system suitable for your vehicle and children and always follow the manufacturer's instructions for installing and using the child restraint system. JAC recommends that you put infants into the child restraint system.

Protection for children with larger size

When a child is too large to use the child restraint system, wear the seat belt correctly.

If the seat belt shoulder position is close to the child's face or neck, use an elevated seat to improve. The elevated seat lifts the child so that the shoulder belt fits over the upper middle of the shoulder and the waist belt is lowered to the hips. Elevated seat should match with vehicle seat. In addition, there are many types of child restraint systems for larger children to provide maximum protection, please choose the appropriate child restraint system.

, (Q

Warning

 When driving, it is forbidden for children to stand or kneel on the seat. Children can suffer serious or fatal injuries in an accident or emergency braking. 1

2

3

4

ς

 \sim

 $\overline{}$

_

Child restraint system





JAC recommends that you choose a suitable child restraint system, be sure to strictly follow the manufacturer's instructions for the installation and use of child restraint system.

Warning ■

- Infants and young children should always be put into the child restraint system when riding. Otherwise it may result serious injury or death.
- Do not place infants on your knees.
 Even the strongest adult can't resist the impact of a serious accident. In an emergency braking or collision, a child can be pinned between the adult and the vehicle parts, which can result in serious injury or death.
- If the vehicle is equipped with front passenger airbag, do not install the rear child protection device in the front passenger seat. In an accident, the rear child restraint system can be hit by rapidly expanding airbags, which can result in serious injury or death.
- Be sure to choose the appropriate child restraint system for your child and vehicle. Some types of child restraint systems may not be installed correctly in your vehicle.

\bigcirc

Warning

- Please strictly follow the manufacturer's instructions for the installation and use of child restraint system. If the child restraint system is not fixed correctly, in the event of emergency braking or a collision, it can greatly increase the risk of injury to the child.
- When the child restraint system is not in use, please keep it fixed to prevent flying out in case of emergency braking or collision.

<u>(!)</u>

Notice

- After installing the child restraint system, please test before putting the children in. Shake it from side to side and pull it forward to check if the child restraint system is in place. If the child restraint system is not fixed, please reinstall and have it tested.
- The temperature of the child restraint system placed in a closed vehicle for a long time may become very high. Check the surface temperature of the child restraint system before placing the child into the system.

Restrictions on the use of child restraint systems

When using ISOFIX to fix a child restraint system, observe the following restrictions:

| Mass group | Size Type | Front passenger seat | Rear outboard seat | Rear middle seat |
|--------------------------|-----------|----------------------|--------------------|------------------|
| Doutable infant had | ISO/L1 | × | × | × |
| Portable infant bed | ISO/L2 | × | × | × |
| Group 0 0 kg~10 kg | ISO/R1 | × | IL | × |
| | ISO/R1 | × | IL | × |
| Group 0+ 0 kg~13 kg | ISO/R2 | × | IL | × |
| O Kg 15 Kg | ISO/R3 | × | × | × |
| Group I 9 kg~18 kg | ISO/R2 | × | IL | × |
| | ISO/R3 | × | × | × |
| | ISO/F2 | × | IUF | × |
| | ISO/F2X | × | IUF | × |
| | ISO/F3 | × | IUF | × |
| Group II 15 kg~25 kg | | × | × | × |
| Group III 22 kg~36 kg | - | × | × | × |

2

3

4

5

6

7

Q

a

Safety

ISO/F3: full height forward child restraint system for toddlers

ISO/F2: reduced height forward child restraint system for toddlers

ISO/F2X: reduced height forward child restraint system for toddlers

ISO/R3: full-size backward child restraint system for toddlers

ISO/R2: reduced size and backward child restraint system for toddlers

ISO/R1: backward child restraint system for infants

ISO/L1: left-side child restraint system (portable crib)

ISO/L2: right-side child restraint system for infants

IL: this seat position is suitable for the installation of ISOFIX child restraint system of semi-universal type of this size category IUF: this seat position is suitable for the installation of ISOFIX forward child restraint system of general type of this size category

X: this seat position does not support the installation of ISOFIX child restraint systems for this quality group or size category

When using safety belt to fix a child restraint system, observe the following restrictions:

| Mass group | Front passenger seats | Rear outboard seat | Rear middle seat |
|-----------------------|-----------------------|--------------------|------------------|
| 0 sets 0 kg~10 kg | × | U/L | × |
| Group 0+0 kg~13 kg | × | U/L | × |
| Group I 9 kg~18 kg | × | UF/L | × |
| Group II 15 kg~25 kg | × | UF/L | × |
| Group III 22 kg~36 kg | × | UF/L | × |

U: this seat position is suitable for the installation of this quality group universal child restraint system

UF: this seat position is suitable for the installation of this mass group universal forward child restraint system

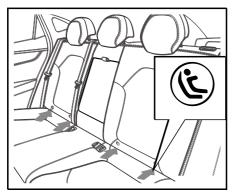
L: this seat position is suitable for the installation of this mass group semi-universal child restraint system

X: this seat position does not support the installation of a child restraint system for this mass group

Child restraint system fixing device

The child restraint system is fixed to the vehicle in three ways: ISOFIX, ISOFIX+Top Tether or three-point seatbelt.

ISOFIX



ISOFIX is a standardized child restraint system fixture that can be quickly and safely fixed in the vehicle. SOFIX is only suitable for installing a child restraint system in the rear outboard seat position. ISOFIX is located near the seat back and seat cushion seam. The label on the

seat back can help you find the ISOFIX position.

Top Tether



The top strap is connected to a retaining ring on the back of the back seat by a retaining hook.

SRS System

The airbag system is designed to assist, not replace, seat belt protection, please properly fasten the seat belts all the way. Airbags can help reduce injury. However, the deployment of airbags can cause scratch and other injuries.

The steering wheel and dashboard should always be kept at an appropriate distance. The airbag expanded rapidly to protect the occupant. If the occupant is too close to or against the airbag module during deployment, the impact force of airbag deployment may increase the risk of injury. After the airbag is deployed, it will deflate quickly.

The airbag only works if the start switch is in the "ON" position.

When the start switch is placed in the "ON" position, the system will conduct self-check first, and the warning light of the airbag will be "ON" for a few seconds and then go out, indicating that the system is in normal working state.

The airbag system label is located on the co-driver seat visor.

1

2

3

4

5

6

7

2

a



! Danger

 Do not place rear-facing child seats on airbag-protected seats, otherwise death or serious injury may occur.

Warning

- Never rely solely on the protection provided by airbags. Even if the airbag is triggered by an accident, it only provides additional protection.
- Only when the occupant correctly wears the seat belt can the airbag system fully play its protective role and reduce the degree of accident casualties.
- All passengers must be seated correctly, fasten seat belts well and wear seat belts at all times before starting the vehicle.
- There shall be no objects between the occupant and the airbag deployment area, otherwise, the risk of injury will be increased when the airbag is deployed. During driving, do not hold anything with hands or arms, and do not load anything in the front passenger seat. Once the airbag is triggered by an accident, the item may fly over the entire carriage under the impact of the airbag, causing injuries to the occupants.

Warning

- Airbags can only be triggered once.
 The airbag triggered by the accident and any affected system parts shall be replaced with the new parts applicable to the vehicle approved by the company as soon as possible.
- The maintenance of the airbag system must be carried out by the JAC authorized after-sales service store, where the necessary tools, diagnostic instruments, maintenance materials and qualified professional and technical personnel are equipped.
- Airbag parts removed from scrapped vehicles or recovered airbag parts shall not be used.
- No changes shall be made to the airbag parts.
- When airbag is triggered, it may release a small amount of smoke, which is a normal phenomenon. It does not mean that the vehicle is on fire, so there is no need to worry about it. The fumes can irritate skin

\supset

Warning

and eye membranes and can cause breathing difficulties, especially for people with asthma or other health problems. In this case, such personnel should get out of the vehicle as soon as possible, or open the windows and doors, breathing fresh air, to retain smooth breath. Wash hands and face with soap and water before meals if you have come into contact with the released smoke and dust. Do not wipe eyes or wounds with hands that have come into contact with dust. If dust enters the eyes, rinse the eyes with clean water.

• The dashboard and airbag cover shall not be cleaned with detergent containing solvent. Detergent containing solvent will cause the surface of airbag module cover to be loose. Once the airbag is triggered by an accident, the broken plastic may seriously injure the occupant.

Airbag warning light



The airbag warning light monitors the status of the airbag system, the circuit of the belt pre-tightening system and all related circuits.

When the start switch is placed in the "ON" position, the system will conduct self-check first, and the warning light of the airbag will be "ON" for a few seconds and then go out, indicating that the system is in normal working state.

When any of the following situations occur, please immediately contact the JAC authorized after-sales service store for

maintenance:

- 1. Airbag warning light is always on.
- 2. Airbag warning light flashes intermittently.
- 3. Airbag warning light doesn't light up at all.

\bigcirc

Warning

- If there is a fault in the airbag system, the airbag will not work normally and cannot provide auxiliary safety protection for passengers in the accident, please contact the JAC authorized after-sales service store immediately for maintenance.
- Do not disassemble the airbag and related parts without authorization, or it may cause the airbag to fail.

1

2

3

4

5

6

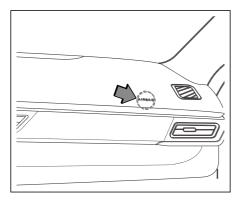
7

Q

Ω

Front airbags





The airbag is located in the center of the steering wheel. The passenger frontal impact airbag is located in the dashboard. There is "AIRBAG" marked on the dashboard.

In the case of a severe frontal impact, the front seat airbag unfolds, and it may also unfold when subjected to other forms of impact similar to a severe frontal impact.

Warning

- All occupants of the vehicle should wear seat belts correctly, whether or not they are equipped with an airbag system.
- The driver must always keep both hands on the steering wheel rim at positions of 9 o 'clock and 3 o 'clock.
- Adjust the driver's seat so that the chest is at least 25cm away from the center of the steering wheel.
- Move the front passenger seat back so that the front passenger is as far from the dashboard as possible.

How airbag works

Airbags are designed for one-time use. If the airbag warning light is not damaged, the airbag warning light will remain on as a reminder after the airbag is deployed. When the vehicle needs maintenance, the maintenance personnel should be indicated the position of airbag, seat belt pre-tensioner and related components. The start switch should always be in the "LOCK" position while the airbag system is being serviced.

When there is a large enough crash, the SRS will sense a sharp deceleration and immediately open the airbag and charge it quickly while starting the seat belt pretension device. In case of collision, the seat belt assists in securing your lower body and torso. The airbag absorbs the energy of the impact and protects the head and chest.

The airbag will deflate instantly after being inflated, with an interval of about 0.1s, which will not obstruct the driver's vision and interfere with the control of the vehicle.

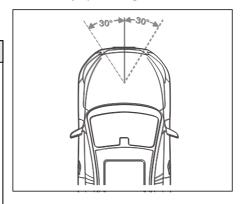
It is normal that detonation may occur during operation of the SRS system and smoke can be seen. The smoke is actually a powder on the surface of the airbag. Please wash your face and hands with warm water and soap later to avoid skin irritation.

Warning

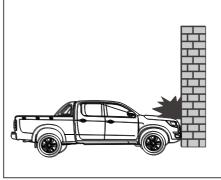
- Once the airbag is deployed, the airbag module will not work again and must be replaced by JAC authorized after-sales service store.
- If you need to dispose the airbag or scrape the vehicle, please contact JAC authorized after-sales service store. Improper handling can lead to personal injury.

Situations may be triggered by frontal airbag

1. The vehicle suffers severe collision in side-front direction which may cause severe injury to occupants.



2. Impact on the cement wall that cannot move or deform.



1

2

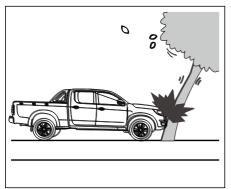
2

1

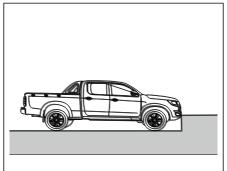
7

Situations that may not be triggered by frontal airbag

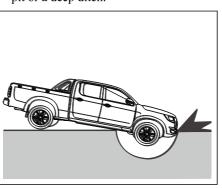
1. The vehicle collides with trees or other objects that are easily deformed.



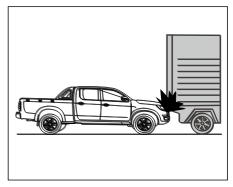
2. While driving, the vehicle collides with steps, and other low objects.



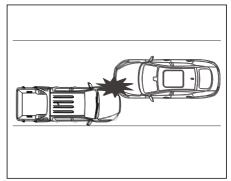
3. When vehicle suddenly falls into a deep pit or a deep ditch.



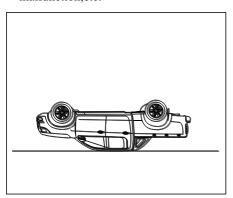
4. When vehicle suffers a rear-end collision with the truck.



5. When vehicle has a frontal offset collision with another vehicle.



6. Tilting, side impact, rear impact, slight frontal impact, airbag system has malfunction, etc.



cıy

2

2

1

`

y

)

 \cap



Instrumentation and control

| Combination instrument |
|---|
| Liquid combination instrument |
| Instrument and gauge |
| Engine water-thermometer |
| Engine tachometer |
| Speedometer31 |
| Fuel gauge |
| Indicator and warning lights32 |
| Self-check of warning lights and indicators |
| Warning light |
| Indicator lamp40 |
| Multi-function information display screen43 |
| How to use multi-function information display screen 43 |

| Driving data | |
|---------------------------------------|--------------|
| Information setting | 46 |
| Lighting adjustment | 47 |
| Windshield wiper and washer switch | 48 |
| Front windshield wiper and washer | switch49 |
| Exterior illumination lamp | 50 |
| Exterior light adjustment combination | on switch 50 |
| Low beam lamp | 51 |
| High Beam Lamp | 51 |
| Position lamp | 51 |
| Front Fog Lamp | 52 |
| Rear fog lamp | 52 |
| Reversing lamp | 52 |

A

a

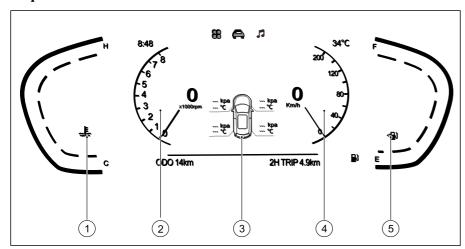
Instrumentation and control

| License plate lamp |
|---|
| Daytime running lamp |
| Position lighting |
| Auto headlight |
| Turn signal lamp53 |
| Hazard warning lamp53 |
| Interior lamp54 |
| Central console background lamp 54 |
| Door light 54 |
| Interior illumination lamp 54 |
| Steering wheel accessory switch operation |
| Horn |
| Multi-functional control switch |
| Sun visor |
| Power supply57 |
| Power outlet socket |

| Storage space | 58 |
|-----------------------------|----|
| Seatback pocket | 58 |
| Glove box | 59 |
| Center console armrest box | 59 |
| Glasses box | 59 |
| Cup holder | 60 |
| Vindow | 60 |
| Power window control switch | 61 |
| Manual regulating | 61 |
| Auto regulating | 61 |
| Anti-pinch function | 61 |
| | |

Combination instrument

Liquid combination instrument



- 1. Engine water-thermometer
- 2. Engine tachometer
- 3. Multi-function information display screen
- 4. Speedometer
- 5. Fuel gauge

! Danger

• Do not touch or clean the instrument while it is working. It may cause damage to the instrument or even cause traffic accidents due to driver distraction.

Warning |

- When cleaning the instrument, do not use the following liquids: alcoholbased liquids or gasoline, abrasive cleaners, household cleaners, etc.
 These can cause irreparable damage to the screen. When cleaning the screen, please use a microfiber cloth and special cleaning agent for the LCD screen.
- Do not press hard on the screen.
- When cleaning the screen, please ensure that the instrument is not working and has been cooled.

2

3

4

5

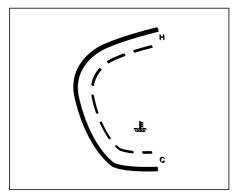
6

7

8

9

Instrument and gauge Engine water-thermometer



When the ignition switch is in the ON position, the engine water temperature gauge shows the current temperature of the engine coolant. The upper temperature limit is marked as H, and the lower line is marked as C.

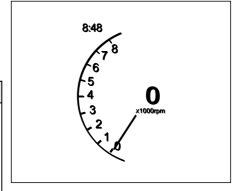
The engine water temperature gauge consists of eight compartments. The number of lighted grids indicates the temperature of the engine coolant. The highest grid is shown in red. If the grid is

lit, the engine coolant temperature is too high and the engine should stop running as soon as possible. Under normal driving conditions, the number of lighted cells in the engine water temperature gauge is about the 4th cell.

(!) Notice

- Under adverse driving conditions, the engine may overheat. You should stop running as soon as possible. For example:
 - 1. Driving for a long time in hot weather or climbing for a long distance.
 - 2. Slow down or stop after driving at high speed.
 - 3. Use the air conditioning system in the heavy traffic area and engine in idling for a long time.

Engine tachometer



The engine tachometer displays the engine speed per minute in units of 1000 rpm. The upper left corner shows the current time.

\bigcirc

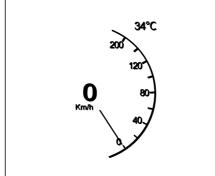
Warning

- Do not allow the engine tachometer to reach the red zone, which can cause serious damage to the engine.
- Do not let the engine run at high speed when the vehicle is just starting, it may cause engine damage.

(!) Notice

• Timely change into the adjacent high gear to keep the engine speed relatively low, which helps to save fuel, reduce exhaust emissions and reduce engine running noise.

Speedometer



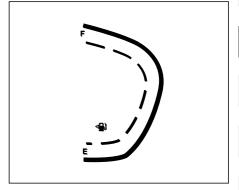
The speedometer shows the current speed of the vehicle in km/h.

The upper right corner shows the outside temperature, the unit is °C.

(!) Notice

 The maximum driving speed is subject to the specific driving conditions and local regulations.
 Please do not exceed the speed limit.

Fuel gauge



With the ignition switch in the "ON" position, the fuel gauge indicates the approximate amount of fuel remaining in the tank. The upper limit of the fuel is identified as "F" and the lower limit is identified as "E". The amount of fuel shown on the fuel gauge may fluctuate slightly due to fluctuations in the tank during braking, turning, acceleration, or uphill or downhill.

When the remaining fuel in the fuel tank is insufficient, the fuel warning light lights up, and fuel should be added as soon as 1

2

3

5

6

7

2

0

possible. When the fuel warning light is on or the fuel level is below the "E" position, driving the vehicle may cause the engine to stall and damage the catalytic converter.

Arrows indicate that the cap located on the right side of the vehicle.

(!) Notice

- It's advised that the fuel tank maintains more than 1/4 of the fuel quantity, the vehicle is easy to cause premature damage of fuel pump when working little fuel for a long time.
- When the vehicle is running with little fuel, it may cause the engine to stall and damage the catalytic converter.

Indicator and warning lights Self-check of warning lights and indicators

Close all doors, apply parking brakes, and fasten seat belts. When the ignition switch is in the ON position, the following warning lights or indicators (such as equipment) will remain ON and will be extinguished after the engine starts:

| Icon | Name | |
|------|--|--|
| Ç | ngine discharge warning lamp (Yellow) | |
| 72 | ngine oil pressure warning lamp (Red) | |
| (P) | Electric parking brake (EPB) indicator (Red) | |
| = + | Battery fault warning lamp (Red) | |

When the ignition switch is in the "ON" position, the following warning lamps or indicators (such as equipment) will be lit on shortly and off:

| Icon | Name |
|------|--|
| | Electric parking brake(EPB) warning light (Yellow) |

Instrumentation and control

| 4 | Engine anti-theft indicator (Yellow) | |
|--------------|---|--|
| ₹ | Engine water temperature warning light (Red) | |
| ,i- | Airbag warning light (Red) | |
| | Electric power steering system fault warning light (Red) | |
| (ABS) | Braking anti-lock system (ABS) fault warning light (Yellow) | |
| ₽ J | Fuel warning light (Yellow) | |
| | Electronic stability control (ESC) indicator (Yellow) | |
| TPMS | Tire pressure monitoring system (TPMS) fault warning light (Yellow) | |
| (!) | Tire pressure abnormal warning light (Yellow) | |
| AUTO HOLD | AUTO HOLD fault warning light (Red) | |

If any of the lights are not on or do not work according to the way described, it indicates that there may be a fault. Please immediately go to JAC franchise after-sales service shop for maintenance.

4

2

3

4

-

S

7

o

 $\overline{}$

Instrumentation and control

Warning light

| No. | Icon | Name | Color | No. | Icon | Name | Color |
|-----|---|--|--------|-----|--------------|--|--------|
| 1 | - + | Battery fault warning lamp | | 10 | | Fuel warning light | Yellow |
| 2 | Anti-lock brake system (ABS) fault alarm lamp | | Yellow | 11 | \ODE | Transmission fault warning light | Yellow |
| 3 | Brake system failure indicator light | | Red | 12 | (!) | Tire pressure abnormal warning light | Yellow |
| 4 | Engine oil pressure warning light | | Red | 13 | TPMS | Tire pressure monitoring system (TPMS) fault warning light | Yellow |
| 5 | | Electric power steering system fault warning light | Red | 14 | 120 | Overspeed warning light | Red |
| 6 | EPC | Engine fault warning light | Yellow | 15 | AUTO HOLD | AUTO HOLD fault warning light | Red |
| 7 | (B) | Electric parking brake(EPB) warning light | Yellow | 16 | | Fuel filter water indicator light | Red |
| 8 | | Airbag warning light | Red | 17 | ť | Engine fault indicator | Yellow |
| 9 | ₩ } | Engine water temperature warning light | Red | 18 | | Air filter blocked indicator light | Green |

1. Battery fault warning lamp (Red)



This warning light is always on when the ignition switch is in the "ON" position.

After the engine starts, this

warning light goes out, indicating that the system is in normal working condition. If the warning light remains on after the engine starts or while running, or if not on when the ignition switch is in the "ON" position, it indicates that there is a fault in the charging system. At this time, all needless electrical accessories, such as radio, air conditioning and indoor lights,

should be closed immediately. You should

contact JAC authorized after-sales service

2. Anti-lock brake system (ABS) fault alarm lamp (Yellow)



store for maintenance.

When the ignition switch is placed in the "ON" position, the system will conduct self-check first, and

the ABS warning light will be lit on for a few seconds and then go out, indicating that the system is in normal working state. If the warning lamp continues to be on or is on while running, or not on when the ignition switch is in the "ON" position, it indicates that the ABS system has malfunction. At this time, the brake system still works normally, but the anti-lock braking system does not work. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible.

3. Brake system failure indicator light (Red)



When the ignition switch is placed in the "ON" position, the system will conduct self-check first.

and the braking system warning light will be lit on for a few seconds and then go out, indicating that the system is in normal working state.

If the warning lamp continues to be on or is on while running, or not on when the ignition switch is in the "ON" position, it indicates that brake fluid lever too low or has malfunction. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible. If the warning light is on while driving,

please stop the vehicle immediately and try to turn it off and restart the vehicle once or twice. If the warning light is still on, please do not drive the vehicle and contact JAC authorized after-sales service store for maintenance.

\bigcirc

Warning

 When the braking system fails, the brake pedal may become harder to step down or closer to the floor, and braking performance will be significantly reduced, which may lead to accidents. Please stop safely and contact the JAC authorized aftersales service store immediately for maintenance.

4. Engine oil pressure warning light (Red)



The engine oil pressure warning light remains on when the ignition switch is in the "ON" position. After

the engine starts, this warning light goes out, indicating that the system is in normal 1

2

3

4

5

6

7

8

0

working condition.

If the warning light remains on after the engine starts or while running, or if not on when the ignition switch is in the "ON" position, it indicates that engine oil pressure too low or system has malfunction. Please stop and shut down the engine safely as soon as possible and wait a few minutes to check the oil level. If the amount of oil is insufficient, you can replenish the appropriate amount of oil to restart the engine or contact JAC authorized after-sales service store. If the oil level is normal and the warning light is still on, you should shut down the

If the oil level is normal and the warning light is still on, you should shut down the engine and contact JAC authorized aftersales service store for maintenance as soon as possible.

Caution

- Running the engine with the engine oil pressure warning light on may cause serious engine damage.
- Engine oil pressure warning light is not used to indicate low oil level.
 Please check the engine oil level with the dipstick.

5. Electric power steering system fault warning light (Red)



When the ignition switch is in the "ON" position, the electric power steering system fault warning light

is kept on. After the engine starts, this warning light goes out, indicating that the system is in normal working condition. If the warning light remains on after the engine starts or while running, or if not on when the ignition switch is in the "ON" position, it indicates that the electric power steering system has fault, thus power steering effect may decreases or totally completely fails. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible.

Caution

• When steering power function reduces or fails, you must turn with a larger force than usual.

6. Engine fault warning light (yellow)



The engine fault warning light remains on when the ignition switch is in the "ON" position. After the

engine starts, this warning light goes out, indicating that the system is in normal working condition.

If the warning light remain on after the engine starts or while running, or if not on when the ignition switch is in the "ON" position, it indicates that there is a fault in the charging system. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible.

7. Electric parking brake(EPB) warning light (Yellow)



When the ignition switch is placed in the "ON" position, the system will conduct self-check first,

and the EPB fault warning light will be lit on for a few seconds and then go out, indicating that the system is in normal working state. If the warning lamp continues to be on or is on while running, or not on when the ignition switch is in the "ON" position, it indicates that the EPB system has malfunction. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible.

8. Airbag warning light (Red)



When the ignition switch is placed in the "ON" position, the system will conduct self-check first, and the

warning light of the airbag will be on for a few seconds and then go out, indicating that the system is in normal working state. If the warning lamp continues to be on or is on while running, or not on when the ignition switch is in the "ON" position, it indicates that the airbag system has malfunction. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible.

9. Engine water temperature warning light (Red)



When the ignition switch is placed in the "ON" position, the system will conduct self-check first,

and the warning light of the engine water temperature will be on for a few seconds and then go out, indicating that the system is in normal working state.

If the warning lamp continues to be on or not on when the ignition switch is in the "ON" position, it indicates that the system has malfunction. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible. If the warning light is on during driving, indicating that the coolant temperature of the engine is too high, please stop and shut down the engine as soon as possible and allow the engine to cool completely until the pointer returns to the normal temperature zone. Open the engine compartment cover, check the coolant amount and water pump driving belt. If the failure occurs in cooling system, please contact with JAC authorized after-sales service store for maintenance.

\bigcirc

Warning

• Do not touch the radiator fan when the engine is stopped. The fan may suddenly turn.

2

10. Fuel warning light (Yellow)



When the ignition switch is placed in the "ON" position, the system will conduct self-check first,

and the fuel warning light will be on for a few seconds and then go out, indicating that the system is in normal working state. If the warning light is on continuously or is on during driving, it indicates that there is insufficient fuel left in the fuel tank. Fuel should be added as soon as possible at this time.

If this warning lamp does not light when the ignition switch is in the "ON" position or continues to light on when fuel is sufficient, it indicates a system failure. You should contact the JAC authorized aftersales service store to check the vehicle as soon as possible.



4

5

6

7

8

Ω



Warning

• When the fuel warning lights are on or the fuel level is below position "E", driving the vehicle may cause the engine to stall and damage the catalytic converter.

11. Transmission fault warning light (Yellow)



When the ignition switch is placed in the "ON" position, the system will conduct self-check first, and the

transmission warning light will be lit on for a few seconds and then go out, indicating that the system is in normal working state. If the warning lamp continues to be on or is on while running, or not on when the ignition switch is in the "ON" position, it indicates that the transmission system has malfunction. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible.

12. Tire pressure abnormal warning light (Yellow)



When the ignition switch is placed in the "ON" position, the system will conduct self-check first, and the tire

pressure warning light will be on for a few seconds and then go out, indicating that the system is in normal working state. If this warning light is continuously lit or is lit during driving, it indicates that the tire has the fault of over pressure, under-pressure or excessively high tire temperature. At this time, please immediately reduce the speed and avoid drastic steering and braking operations, and stop safely as soon as possible, and check the tire and its inflation pressure. When a rapid air leak is detected, the indicator flashes at 0.5 Hz with an alarm sound.

Caution

• Under certain conditions (such as winter, or soft roads), this warning light may be lit late or not at all.

13. Tire pressure monitoring system (TPMS) fault warning light (Yellow)

TPMS

When the ignition switch is placed in the "ON" position, the system will conduct self-check first,

and the tire pressure system warning light will be lit on for a few seconds and then go out, indicating that the system is in normal working state.

If the warning lamp continues to be on or is on while running, or not on when the ignition switch is in the "ON" position, it indicates that the tire pressure system has malfunction. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible. The tire pressure monitoring system enters the learning mode, the warning light and the tire pressure abnormal warning light are on at the same time, and the warning light is off after learning succeeds. If the learning fails, the warning light flashes at the frequency of 1s on and 1s off.

14. Overspeed warning light (Red)



When the vehicle speed exceeds the set warning speed, the speed warning light will be lit on,

indicating that the vehicle exceeded the warning speed and you should immediately slow down.



Warning

 The maximum driving speed is subject to the specific driving conditions and local regulations.
 Please do not exceed the speed limit.

15. AUTO HOLD fault warning light (Red)



When the ignition switch is placed in the "ON" position, the system will conduct self-check first, and the

tire pressure system warning light will be lit on for a few seconds and then go out, indicating that the system is in normal working state. If the warning lamp continues to be on or is on while running, or not on when the ignition switch is in the "ON" position, it indicates that the auto hold system has malfunction. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible.

16. Fuel filter water indicator light (Red)



When the water level inside the water separator reaches a dangerous level, the fuel filter water indicator

lights. If the indicator is lit, it will remain on while the engine is running, indicating that the water in the fuel-water separator should be drained.

17. Engine fault indicator (Yellow)



This lamp is a part of the vehicle internal diagnosis system and can monitor the failure of the vehicle

engine. When the ignition switch is turned to the "ON" position, the indicator lights up and then turns off after the engine is

started.

When this lamp is on in running state or in "ON" position, please contact JAC authorized after-sales service store as soon as possible to check.

18. Air filter blocked indicator light (Green)



When the air cleaner clogs, the light is on.

Stop immediately and check if the air filter is

blocked. Otherwise, it may cause engine damage.

1

2

3

4

5

6

7

o

a

Instrumentation and control

Indicator lamp

| No. | Icon | Name | Color |
|-----|------------------------------|--|--------|
| 1 | | High-beam indicator | Blue |
| 2 | | Low-beam indicator | Green |
| 3 | 钓 | Front fog lamp indicator | Green |
| 4 | Oŧ | Rear fog light indicator | Yellow |
| 5 | ` 00 ' | Position lamp indicator | Green |
| 6 | * | Turn signal lamp/warning indicator lamp | Green |
| 7 | e | Electric parking brake(EPB) indicator | Red |
| 8 | Ä | Driver`s seat belt indicator | Red |
| 9 | • | Electronic stability control (ESC) indicator | Yellow |

| No. | Icon | Name | Color |
|-----|---------------|--|-----------------|
| 10 | ⊈ Voff | Electronic stability control (ESC) OFF indicator | Yellow |
| 11 | 4 | Engine anti-theft indicator | Yellow |
| 12 | AUTO HOLD | Electronic parking working indicator | Green |
| 13 | | Cruise indicator | White/ Green |
| 14 | 4H | High speed 4WD indication light | Green |
| 15 | 4L | Low speed 4WD indication light | Green |
| 16 | 2H | 2WD indication lamp | Green |
| 17 | 00 | Fuel preheating indicator light | Yellow |

1. High-beam indicator (Blue)



This indicator lights up if the high beam lamp is turned on or it is flickering to send a warning signal.

2. Low-beam indicator (Green)



This indicator will illuminate when the low beam is turned on.

3. Front fog lamp indicator (Green)



This indicator will illuminate when the front fog lamp is turned on.

4. Rear fog light indicator (Yellow)



This indicator will be on when the rear fog lamp is turned on.

5. Position lamp indicator (Green)



This indicator will be on when the position lamp is turned on.

6. Turn signal lamp/warning indicator lamp (Green)



When the turn signal lamp is on, the left or right turn indicator on the instrument turns on. When the Hazard

warning flasher switch is pressed, the left and right turn indicators will flash simultaneously.

Warning

• If the indicator does not flicker, flickers at a high frequency or fails completely, it indicates a failure in the turn signal system. You should contact the JAC authorized after-sales service store to check the vehicle as soon as possible. Otherwise other drivers will not be able to see the turn signal you send.

7. Electric parking brake(EPB) indicator(Red)



When the start switch is in the ON position, the system checks itself first. If the electronic parking

brake is not enabled, the electronic parking light will be on for a few seconds and then go out. If the parking brake is enabled, the light is kept on until the parking brake is released.

You should contact the JAC authorized after-sales service store to check if this indicator is not on.

After the start switch is turned off, the electronic parking brake is automatically activated, and the indicator will remain on for 30 seconds.

8. Driver's seat belt indicator (Red)



When the ignition switch is in the ON position, if the driver is not wearing a seat belt, the light flashes until

the driver is wearing it and then the light is off.

1

2

3

4

5

6

7

8

0

9. Electronic stability control (ESC) indicator (Yellow)



When the ignition switch is placed in the ON position, the system will conduct self-check first, and the

ESC indicator will be on for a few seconds and then go out, indicating that the system is in normal working state.

ESC monitors the driving status, and under normal driving conditions, the ESC indicator remains off. When driving, if the ESC indicator flashes, it indicates that the road is slippery and the power of the vehicle reaches to the max limited traction.

10. Electronic stability control (ESC) **OFF** indicator (Yellow)



When the ignition switch is in the ON position, press the switch button and the indicator lights up,

indicating that ESC is in the disabled state.

11. Engine anti-theft indicator (Yellow)



When the ignition switch is placed in the ON position, the system will conduct self-check first, and the IMMO indicator will be on for a few

seconds and then go out, indicating that the system is in normal working state. If the authentication of engine anti-theft system fails and the light keeps flashing, the vehicle cannot start at this time, please contact JAC authorized after-sales service store for maintenance. When the engine anti-theft system is authenticated, the indicator goes off.

12. Electronic parking working indicator (Green)



When the ignition switch is in the ON position, the indicator lights up and flashes at 1Hz when the

automatic parking works.

13. Cruise indicator (White/Green)



When the ignition switch is in ON position and the navigation master switch on the steering wheel is

pressed, the white indicator lights up, indicating that the cruise function is enabled and the pre-cruise state is entered. When the cruising condition is met, and the cruise SET button is pressed, the green indicator lights up and the vehicle enters the cruising mode.

14. High speed 4WD indication light (Green)



When the vehicle is in 4WD high speed mode, the indicator lamp will be on.

15. Low speed 4WD indication light (Green)



When the vehicle is in 4WD low speed mode, the indicator lamp will be on.

16. 2WD indication lamp (Green)

2H

When the vehicle is in 2WD mode, the indicator lamp will be on.

17. Fuel preheating indicator light (Yellow)



When the ignition switch is in "ON" position, the indicator light will be on, and the time of the light is

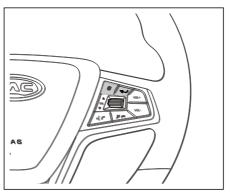
on varies with the coolant temperature.

Multi-function information display screen

The multi-function information display screen is integrated into the instrument. This screen displays various driving-related information for the driver, such as current temperature outside the vehicle and tire pressure. The multi-function information screen can also be used to change screen settings and other settings.

How to use multi-function information display screen

The control keys on the steering wheel can be used to operate the multi-function information display.



| Button | Function |
|----------------------------|--|
| ▲(Toggle up the button) | Switch up the display contents in the selected dynamic region Move the cursor up |
| ▲ (Toggle down the button) | Switch down the display contents in the selected dynamic region Move the cursor down |
| OK(press down button) | Select the current option or go to the next menu |
| ₩ | Return |
| Ø | Paging, switch dynamic region |

1

2

3

4

5

6

7

2

a

Driving data

Driving data includes mileage, fuel consumption, tire pressure, etc. The content display can be switched through the button on the steering wheel.

| Display content | Instructions |
|-------------------------------|---|
| Average fuel consumption | By default, it indicates the average fuel consumption after the last storage's reset in km/L. Long press OK on the display interface of average fuel consumption information to reset the average fuel consumption and start the calculation again. If the meter is disconnected from the battery, the average fuel consumption will be reset to zero. |
| Range | The range is used to show the amount of fuel available in the current tank, updated every 10s. The mileage value can be calculated according to the fuel consumption per minute on a rolling basis. The displayed mileage may not be consistent with the actual range due to different road conditions and driving conditions. When the range is less than 50km or the fuel sensor fails, the interface will be displayed as "km" |
| Cruise speed | Cruise speed displays vehicle's current cruise speed set by the driver. The cruise speed can be set by cruise switch. If the cruise function is not activated,km/h will be displayed on screen. |
| Tire pressure/ temperature | It can monitor tire pressure and temperature. The unit of tire pressure is kPa. When the invalid value is received, the tire flashes at a frequency of 1Hz, and the value is displayed as "". The unit of tire temperature is °C. When the invalid value is received, the tire flashes at the frequency of 1Hz, and the value is displayed "-". |

Instrumentation and control

| Display content | Instructions | |
|---------------------------------|--|--|
| Total mileage: (ODO) | 1. The total mileage is shown as the total mileage of the vehicle 2. The range of the odometer is (0~999,999) km. When the maximum value is exceeded, it is shown as "Err". | |
| Subtotal mileage (TRIP) | Subtotal mileage shows the mileage of the vehicle since the last reset. The range of the odometer is (0~999.9) km. When the maximum value is exceeded, the mileage will be calculated from 0 again. | |
| Time | 1. The time can be displayed in 24 hours and 12 hours, which can be set by the user 2. When the vehicle is equipped with MP5+GPS, the time is automatically updated and cannot be set manually 3. When GPS is unavailable or the vehicle is unequipped with it, the time can be set manually | |
| Outside environment temperature | It displays outside temperature of the vehicle. | |
| Gear information | Manual transmission model: display the current gear position of the transmission and gear shifting prompt. | |

Q

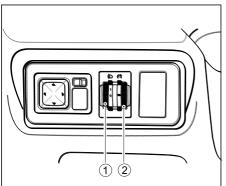
 \cap

Information setting

Through the information setting, you can set the language, check the fault alarm information on the vehicle, reset the subtotal mileage, reset the average fuel consumption, set the overspeed alarm value, etc.

| Serial No. | First level menu | Second level menu | Third level menu | Instructions | |
|---------------|----------------------------|--|--|---|--|
| | | Average fuel consumption | Confirm | Reset average fuel consumption and start calculate | |
| | | reset | Return | again | |
| | Driving information | | Confirm | Reset subtotal mileage and start calculate again | |
| 1 | reset | Subtotal reset signal | Return | Reset subtotal fiffleage and start carculate again | |
| | | Reset all | Confirm | Both reset average fuel consumption and subtotal | |
| | | Reset an | Return | mileage. | |
| | | Return | | | |
| | Overen and alarma | Speed alarm switch (ON/OFF) | | Switch on or off speed alarm function | |
| 2 | Overspeed alarm setting | Alarming speed set | 120Km/h(default,manual adjustment available) | Set the speed alarm | |
| 3 | Display time setting | XX:XX | | | |
| | Language setting | Chinese | | | |
| 4 | | English | | Set language | |
| 7 | | Spanish | | Set language | |
| | | Arabic | | | |
| | Background color switching | Blue | | | |
| 5 | | Gold | | Change the instrument backlight color | |
| | | Red | | | |
| 6 | Check on basic information | Hardware version:Vx.xx Software version:VX.xx | | Check on instrument software and hardware information | |
| 7 | Check on fault information | | | Check on existed fault prompt information | |

Lighting adjustment



- 1. Headlamp height adjustment
- 2. Combination instrument backlight adjustment

Headlamp height adjustment

When the ignition switch is in the ON position and the headlight is on, the driver can adjust the angle of the headlight's optical axis through the headlight height adjustment knob. Depending on vehicle load and driving conditions, adjusting the headlamp beam to the right position can improve visibility without blinding oncoming traffic.

The following table shows the recommended values of the headlamp adjustment knob under different load conditions:

| Headlamp regulating knob recommended value | Vehicle Load Situation |
|--|--|
| 0 | Front seats occupied and cargo body empty. |
| 1, 2 | All seats occupied and cargo body empty. |
| 3, 4 | All seats occupied and cargo body full load, tow low-load trailer |
| 5, 6 | Only driver's seat occupied and cargo body full load, tow max-load trailer |

Warning

- If the headlamp is adjusted too high or the high beam is used improperly, it may produce blinding effect to the driver of other vehicles on the road, distract his attention, and easily cause serious casualties.
- Make sure the headlamp is properly adjusted and always in the right lighting condition.
- Do not turn on the high beam or headlamp flash function if it may cause blinding effect to other drivers.
- When using headlamp, please abide by local laws and regulations.

1

2

3

1

5

6

7

Q

Λ

Combination instrument backlight adjustment

- 1. Turn the ignition switch to ON position.
- 2. Rotate the light joystick to " **₹00**€" or " **₹D** "gear position.
- 3. Scroll the adjusting wheel to adjust the brightness of the background light as required.

Windshield wiper and washer switch

\bigcirc

Warning

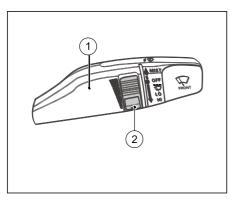
- When the temperature drops to the freezing point, if proper antifreeze measures are not taken, the cleaning fluid may freeze on the front windshield and hinder your sight. The front windshield must be heated with the front windshield heating function before cleaning the windshield with the windshield washer. Otherwise, the cleaning fluid may freeze on the glass and block the driver's view.
- Worn or dirty wiper blade will greatly reduce the clarity of vision in front and worsen driving safety. Damaged or worn wipers must be replaced promptly.
- Do not continuously use the windshield washer for more than 15 seconds or use the windshield washer when there is no cleaning liquid in the storage tank, otherwise the windshield washer motor is likely to be burned.

1

Notice

- Do not use the wiper when the window is dry, otherwise the wiper blade may wear out or be damaged quickly.
- When the temperature drops to near freezing point, be sure to check whether the windshield wipers are frozen on the front windshield before driving. In cold weather, remove wipers from the front windshield when parked for a long time.
- Before driving, clean the front windshield of snow, ice, leaves and other sundries.
- It is recommended to turn off the windshield wiper before parking. If you turn off the ignition switch when the windshield wiper is working, the windshield wiper will continue to scrape the water according to the previous setting after the vehicle starts again. At this time, if there is ice, snow or other adhesive on the windshield, it is likely to damage the windshield wiper motor.

Front windshield wiper and washer switch



- 1. Wiper lever
- 2. Backlight adjustment knob

When the ignition switch is in the "ON" position, the front windshield wiper and washer are in working condition.

Wiper operation

MIST: When the wiper lever is released from the "OFF" position to the "MIST" position, the wiper lever automatically returns to the OFF position and the wiper wipes once. If you keep pushing to the "MIST" position, the wiper wipers will continue to wiper at low speed until you loosen the wiper lever.

OFF: Wiper stops working while wiper lever is in "OFF" position.

©: Wiper works intermittently while wiper lever is in "©" position.

The clearance time of wipers can be adjusted through the adjusting knob ② on the control lever.

(!) Notice

 Wiper clearance time varies with vehicle speed. (For example, when the speed is high, the intervals will be shorter and the wiper frequency will be faster.) **LO:** Wiper works continuously in a low speed while wiper lever is in "LO" position.

HI: Wiper works continuously in a high speed while wiper lever is in "HI" position.

Washer operation

Gently pull the wiper control lever backward (toward the driver), and the washer will spray the cleaning fluid onto the front windshield. At the same time, the wiper will continue to wipe at low speed until the wiper control lever is released. 1

2

3

4

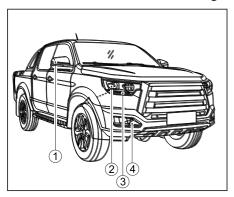
5

6

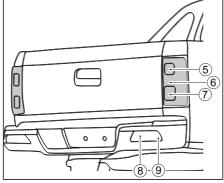
7

Q

Exterior illumination lamp

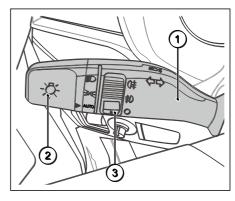


- 1. Front turning lamp
- 2. Front combination lamps
- 3. Daytime running lamp
- 4. Front fog lamp



- 5. Brake lamp
- 6. Position lamp
- 7. Rear turn lamp
- 8. Rear fog lamp
- 9. Reversing lamp

Exterior light adjustment combination switch



- 1. Light shifting lever
- 2. Headlamp height regulating switch
- 3. Fog light rotary knob

Low beam lamp

The low beam is used to ensure your safety while driving with poor visibility or in the darkness.

Turn on: Rotate headlamp adjusting knob to " **⑤** " position to turn on the low beam. **Turn off:** Rotate headlamp adjusting knob to "OFF" position to turn off the low beam.

(!) Notice

- When the power system is not started, do not turn on the low beam lamp for a long time to prevent the battery from running out.
- When entering a tunnel or low-light environment, please turn on the low beam lamp in advance.
- Please obey local laws and regulations when using lights.

High Beam Lamp

High beam lamps are used to help you know the long-distance road condition at night or in a poor visibility.

Turn on: When the light is on, push the light lever forward (away from the driver) until you hear the click and the high beam is on.

Turn off: If you want to switch back to the low-beam lamp, turn the light lever back. Headlamp flashing: pull the light lever back (close to the driver), then release it, the high beam lights up and goes out. If you hold the light control lever, the high beam headlight will be on continuously, and after releasing the light control lever, the high beam light will go out.

(!) Notice

- The headlamps can flicker no matter where the light control lever is.
- When driving in the case of poor visibility at night or complicated road conditions, turning on the high beam can provide a better vision. However, please switch to the low beam when meeting other vehicles.

Position lamp

Position lamp is used in the environment with poor visibility, so that other vehicles can distinguish the size and position of the vehicle.

Turn on: Rotate headlamp adjusting knob to " ≥00€ " position, and the back light of instrument and console and license plate light turn on.

Turn off: Rotate headlamp adjusting knob to "OFF" position to turn off the position lamp.

(!) Notice

• The brightness of the position light is not enough to illuminate the road in front of the vehicle. Please turn on the low beam light in time when it is dark or visibility is poor.

2

3

4

5

6

7

8

a

Front Fog Lamp

The front fog lamp provides you with certain penetrating lighting when visibility is poor (such as in a fog day).

Turn on: When headlamp adjusting knob is in " **ID** " or "**-00**- position, turn the fog lamp button to " (1) " position, and front fog lamp will be on.

Turn off: Stir the middle rotary knob to " \cap " to turn off the front fog lamp. Turn the light operating lever to "OFF", turn off the headlamp, the fog lamp will be off at the same time.

Rear fog lamp

Rear fog lamp is mainly used to remind the rear vehicles and pedestrians to maintain the vehicle distance in the case of poor visibility (such as rain and fog).

Turn on: When headlamp adjusting knob is in " **ID** " or " **ID** " position, toggle rear lamp button to " **1** " position, and rear fog lamp will turn on.

Turn off: Toggle rear fog lamp button to " () position again, or rotate headlamp adjusting knob to "OFF" position, and the rear fog lamp will go out.

Reversing lamp

Reverse lamp is used to illuminate the road behind the vehicle when reversing, and to attract the attention of the drivers and pedestrians behind the vehicle.

Turn on: When the "R" gear is engaged, the reversing lamp is automatically lighted. **Turn off:** Exit from the "R" block and the reversing lights automatically turn off.

License plate lamp

When the position lamp or headlamp is turned on, the license plate lamp is automatically lit, which is used to provide vehicle license information to other drivers and pedestrians at night.

Daytime running lamp

Daytime running lamp is mainly used during the daytime in order to inform the vehicle in front of you to notice the location of your vehicle.

When the ignition switch is on the "ON" position and the parking is released, the daytime running lamp is on automatically. When the position lamp is on, the daytime running lamp will be dimmed.

Position lighting

If your vehicle is equipped with location lighting, you can set location lighting in MP5's vehicle Settings.

When the positioning lighting function is enabled, use the remote control key to unlock the vehicle. When position lamp is on for 30 seconds, open the driver door or locks it again within 30 seconds, and the position lamp is off immediately.

Auto headlight

Automatic headlamp function is the vehicle automatically controls the low beam, position lamp, background lamp on and off, according to the external environment of light and dark, When the outside is dark (e.g.: the vehicle enters dusk, night, tunnel, etc.), the brightness sensor monitors that the ambient light is below a certain brightness, and the low beam lamp, position lamp and background lamp light up automatically. When the outside is bright again, the above lamps are turned off automatically with a delay. **Turn on:** When the ignition switch is in

the "ON" position, rotate the headlamp

adjusting knob to "AUTO" position, and the auto headlamp function turns on.

Turn off: Rotate headlamp adjusting knob to other position to turn off the auto headlamp function.

(!) Notice

- There is a delay when the automatic headlamp is turned on. When entering the tunnel or suddenly darkening environment, it is suggested to turn on the low beam light manually.
- The headlamp may be lighted because of alternate changes of light and shade when the vehicle passes through bridge hole and shade.
- Fog, mist and smoke can affect the ambient brightness. So the brightness sensor cannot detect it precisely at daytime with heavy fog. The auto headlamp function may not work. Please turn on the headlamp manually for clear vision and safe driving.

Turn signal lamp

Turn on: Push the light lever down to turn the left signal lamp on. The left turn signal is flashing and clicking.

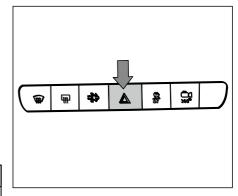
Push the light lever up and turn the right signal lamp on. The right turn signal is flashing and clicking.

Turn off: After turn, the light joystick automatically returns to the middle position and the turn signal automatically turns off.

(!) Notice

• If the steering angle is small after turning on the turn signal, the light lever may not automatically return to the middle position after the turn. At this time, manually turn off the turn signal lamp.

Hazard warning lamp



If the vehicle fails to move to a safe area in case of a sudden malfunction or traffic accident in the process of driving, the hazard warning lamp should be turned on immediately to remind the passing vehicles and pedestrians to pay attention to safety.

Turn on: Press down the hazard warning lamp switch, and the hazard warning lamp will be on.

Turn off: Press down the hazard warning lamp switch again, and the hazard warning lamp is off.

2

3

0

6

7

റ

С

Danger warning lamp can be used in the following situations:

- 1. You have an emergency situation.
- 2. Your vehicle is in an insecurity state due to a failure.
- 3. You drive the vehicle in rain, snow, fog or low visibility environment .
- 4. You have to stop the car in an unsafe parking zone for troubles.

The turn signal on the vehicle blinks when the hazard warning light is on. the left and right turn indicators on the instrument also flash.

(!) Notice

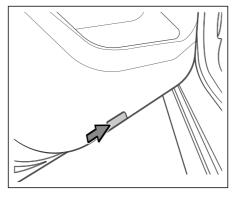
- You can also turn on the hazard warning lamps when the engine is stopped.
- When the hazard warning lamp is on, the turn signal can still be used.
 When the turn signal light is on, the hazard warning lamp is temporarily turned off.

Interior lamp

Central console background lamp

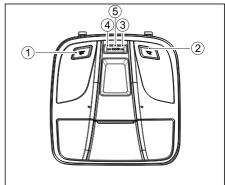
When the position lamp and the low beam lamp are turned on, the background lamp is on.

Door light



Open the door, the corresponding door light automatically lit. When the door is closed, it automatically goes out.

Interior illumination lamp



Reading light

Press switch ① to open the left reading lamp, press again to close the reading lamp.

Press switch ② to open the right reading lamp, press again to close the reading lamp.

Illumination lamp

When the switch ③ is in "ON", the front roof lamp is always on.

When the switch 4 is in "OFF", the front roof lamp is off.

Illumination lamp door-control switch

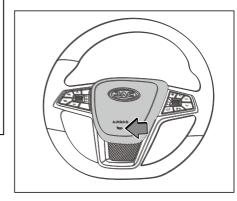
When the switch ⑤ is in the "DOOR" position, the illumination lamp door-control function will open. At this time, unlock the vehicle, when open any door or pull out the key from the ignition switch, all the illumination lamp will automatically open. After closing all doors, locking the vehicle or turning on the ignition switch for a few seconds, all the lights will automatically turn off.

Warning

- When driving at night, please avoid using interior illumination lamps.
 Bright indoor environment will affect the driver's vision in the dark environment.
- Please turn off the indoor lamps when parking to avoid running out of battery power.

Steering wheel accessory switch operation

Horn



The horn will work regardless of the position of the ignition switch, unless the battery runs out of power. When the horn switch is pressed, the horn will continue to sound. Release the horn switch and the horn stops.

2

3

4

5

6

7

0

a

Instrumentation and control

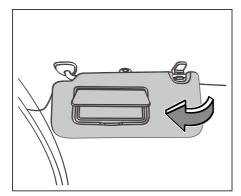
(!) Notice

- Check the working condition of the horn regularly to confirm that the horn works properly.
- Do not slam or press the horn switch with a sharp object.

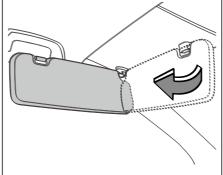
Multi-functional control switch

| Function module Icon | | Brief introduction of function | | | |
|------------------------|----------|---|--|--|--|
| | M | Switch to the previous song or radio station | | | |
| | DDI | Switch to the next song or radio station | | | |
| Volume control | SRC | Switch sound source | | | |
| | VOL+ | ncrease volume | | | |
| | VOL- | Decrease volume | | | |
| | MW | Mute | | | |
| | Ò | Turn on cruise control | | | |
| Cruise module | RĘS | Restore cruise and increase cruise speed | | | |
| | Ø | Cancel cruise | | | |
| | SET | Set cruise speed or reduce cruise speed | | | |
| | 1 | Paging, switch dynamic region | | | |
| Instrument control | A | Return | | | |
| module | A | Toggle up display content or move the cursor up | | | |
| | ▼ | Toggle down display content or move the cursor down | | | |
| | OK | Select the current option or go to the next menu | | | |
| Bluetooth phone | (EP | Answer phone call | | | |
| module | × × | End or reject phone call | | | |

Sun visor



To shield the glare from the front, flip down the sun visor and keep it on the desired position.



To shield the glare from the side, remove the sun visor from the center mount and swing it to the side.

When the sun visor is flipped open, open the middle cover to use the vanity mirror.

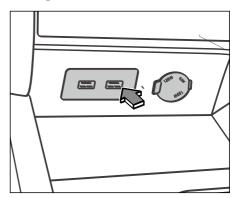
○ Warning

• During driving, please use the sun visor reasonably to avoid blocking out the sight and causing traffic accidents.

Power supply Power outlet socket

When the start switch is in the "ACC" or "ON" position, the power outlet socket can supply power for the mobile phone, data recorder, etc.

Front power outlet socket



There are USB port and 12V power supply in front. The USB port supports data transmission.

-1

2

3

4

5

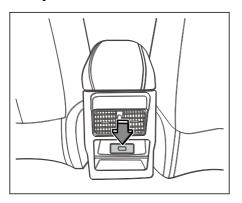
6

7

R

С

Rear power outlet socket



There is USB port in the rear seat, which can be used to charge the mobile phone and other device.

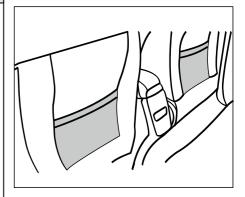
Warning

• Do not insert your fingers or objects into the power socket and touch the power socket with wet hands, otherwise it can result in electric shock.

Notice

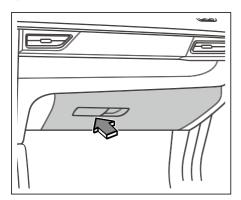
- Only 12V and 10A accessories are allowed.
- Please timely pull out the accessory plug after use and close the socket cap. After use, timely pull out the accessory power supply plug and cover the socket guard cover.
- Avoid using the power outlet for a long time when the power system shutdown, to prevent the 12V battery running out.
- Certain electric devices can cause electric interference when plugged into a vehicle power supply. These devices can cause excessive static electricity on the sound and other electrical system or equipment failures in the vehicle.

Storage space Seatback pocket



As shown in the picture, the seatback pockets may be located on the driver's or passenger's seat, which can be used to store some books or small objects.

Glove box



Pull up the handle shown in the picture to open the glove box. Push the glove box forward to close the glove box.

Warning

- Avoid opening the glove box while driving, otherwise items in the glove box may jump out and cause personal injury when subjected to an emergency brake or an accident.
- Do not place fragile or explosive items such as glasses or lighters in the glove box.

Center console armrest box



Pull up the armrest to open the armrest box. Push down the armrest to close the armrest box.

○ Warning

• Avoid opening the armrest box while driving, otherwise items in the armrest box may jump out and cause personal injury when subjected to an emergency brake or an accident.

Glasses box



The glasses box is located on the roof console. Press the top of the lid to open the glasses box.

1

2

3

6

7

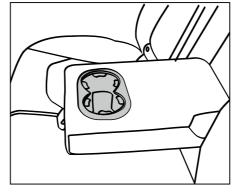
Q

 \circ

Warning

- Do not put any other object into the glasses box except the glasses. Otherwise these objects would be thrown out in an emergency brake or an accident, and the passengers may get injured.
- Don't open the glasses box while driving, otherwise it will block the view of the internal rearview mirror. The view of inner rear-view mirror would be hindered by opening the glasses box.

Cup holder



Cup holder is used to hold cup, ashtray, or beverages. Only closed drinking utensils can be placed in the cup holder, or the beverage may spill out and cause damage to the vehicle's electronic equipment.

\bigcirc

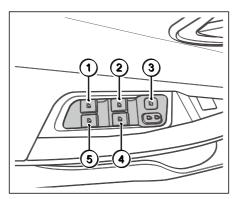
Warning

 Do not let beverage bottles or other items fall into the space of the driver's foot to prevent pedal movement while driving.

Window

When the start switch is in the ON position, the window glass can be lifted up and down by the window control switch. The main power window switch is located on the driver side door, and there are control switches on the other doors to control the respective windows. In order to prevent passengers from randomly operating the window, the main control switch panel is equipped to open or close all the windows.

Power window control switch



- 1. Rear-row left side window switch
- 2. Driver's side window switch
- 3. Window lock switch
- 4. Front passenger's side window switch
- 5. Rear-row right side window switch

Window lock switch

Press the switch, all the windows can be only regulated through the main power window switch. Press the switch again and all the windows will return to normal operation.

Manual regulating

Keep the control switch in the first gear position to regulate window, release the control switch, the window immediately stops.

Auto regulating

If your vehicle is equipped with four-door window automatic regulating function, you can fully open or close the window without pressing or pulling the window control switch.

Automatically up: Press the switch all the way up to the second gear and then release it, the window will automatically close completely.

Automatically down: Press the switch all the way down to the second gear and then release it, the window will automatically open completely.

Automatically regulating cancellation: press or pull the relevant window switch again.

Notice

- The second gear is on the highest or lowest position of the control switch. You can feel the gear change between the first gear and the second gear.
- In cold and wet conditions, the electrical door window may not work properly due to freezing.

Anti-pinch function

When the window is blocked as it rises, the anti-pinch function will be activated and the window will start to drop automatically to the bottom.

Warning

- Prohibit activating anti-pinch function with any part of your body deliberately.
- If the window pinches the object before it is about to be closed completely, the anti-pinch function may not work.

1

2

3

4

5

6

7

8

9

Window function self-learning

If the battery is disconnected and reconnected, the door window anti-pinch and automatic window regulating function can be normally used after the following operation of window function self-learning:

- 1. Turn the ignition switch to ON position
- 2. Regulate the door window to the bottom.
- 3. Pull up control switch to make the window rise to the top, and keep pulling for more than 2 seconds after the window is lifted to the top.
- 4. The completion of the above means the driver side window is activated successfully.
- 5. If the switch is released during the window movement, restart the operation. If you still can't use the window anti-pinch and automatic window regulating function after the completion of learning, please contact JAC franchised after-sales service store for support.

Overheat protective function

The overheat protection function may be triggered to protect the window regulator motor after repeated operation of the window switch for many consecutive times. At this time, the window switch will be temporarily invalid, unable to control the regulation of the window. After waiting for the motor to cool down, the window switch can automatically return to normal.

Inspection and adjustment before driving

| Key65 |
|--|
| Key information |
| Smart key system 67 |
| Operation range |
| Lock and unlock |
| Remote window control |
| Key battery replacement69 |
| Anti-theft system |
| Engine anti-theft system71 |
| Body anti-theft system71 |
| Door |
| Use mechanical key to lock and unlock72 |
| Central control lock switch to lock and unlock |

| Lock and unlock the door with the inner door handle 73 |
|--|
| Lock without key74 |
| Vehicle speed perception lock |
| Collision perception door lock74 |
| Child safety door lock74 |
| Tailgate |
| Check indicators and warning lights75 |
| Check tire |
| Check tire pressure |
| Check wheel appearance76 |
| Engine compartment cover 77 |
| Open the engine compartment cover |
| Close the engine compartment cover |

Inspection and adjustment before driving

| Battery saving system | 78 |
|---------------------------------|----|
| Windshield washer fluid | 78 |
| Fuel-filler door | 79 |
| Open fuel-filler door | 79 |
| Close fuel-filler door | 80 |
| Steering wheel adjustment | 81 |
| Steering wheel angle adjustment | 81 |
| Steering wheel unlock | 81 |

| Rearview mirror82 | |
|---|--|
| Manual anti-glare interior rearview mirror 82 | |
| Electric regulating exterior rearview mirror | |

Key

Only your vehicle's special key can start your vehicle. The key number tag is provided with the key. Please record the key number and keep it in a safe place outside the vehicle in case you need to copy the key.

Only the original key or the original key number can be used to duplicate the key. Key number is only required when all keys are lost and cannot be duplicated using the original key. If the key is lost or a spare key is needed, please provide the original key or key number to the JAC franchised aftersales service store.

\bigcirc

Warning

- Be careful when using key. Improper use or management may cause accident or injury.
- When leaving the vehicle, be sure to take all keys with you, so that children or others in the vehicle will not lock the door, start the vehicle or operate the electric equipment, such as power windows.

\bigcirc

Warning

- Do not leave children or people in need alone in the vehicle. In case of emergency, children and people in need may be trapped in the vehicle and unable to evacuate or save themselves. For example, depending on the seasons, closed vehicle may be extremely cold or extremely hot, and the occupants of the vehicle are vulnerable to injury, illness and even death, especially for children.
- Never pull the key out of the start switch while the vehicle is running. Otherwise, the steering wheel may be suddenly locked, resulting in an accident.
- Radio waves can adversely affect electronic medical devices.
 Passengers using pacemakers should contact the manufacturer of the electronic medical device before using the remote control key to ask whether it will be affected.

\bigcirc

Warning

- Do not change the transmission frequency of the remote control key, increase the transmission power (including additional RF power amplifier), connect external antenna or change to other transmitting antenna.
- The use of remote control keys shall not cause harmful interference to all legitimate radio communications services. Once the interference phenomenon is found, please immediately stop using, and take measures to eliminate the interference and then can continue to use.
- The use of micro-power radio equipment is subject to interference from various radio services or from equipment for industrial, scientific and medical applications.
- Do not use remote control key near aircraft and airport.

1

2

3

4

5

6

7

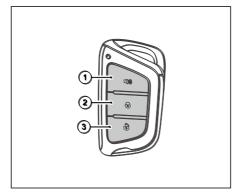
8

a

① Notice

- Please leave the remote control key away from sunshine, high temperature and moisture for the sake of electronic parts protection.
- Please don't modify the remote control key.
- Do not place the remote control key near TV, audio equipment, personal computer and other magnetic field generating equipment.
- Do not contact the remote control key with water or salt water, or it will affect the function of the system.

Key information



- 1. Search button
- 2. Lock button
- 3. Unlock button

Car search button (1): Press the button once in the parking lot or the valid range, the horn sounds and the turning signal lamp flashes, which can find the car quickly.

Lock button : Short press the button once in the valid range, all the doors are locked at the same time, the turning signal lamp flashes, and the horn sounds once to show the vehicle is locked.

Unlock button **3**: Short press the button once in the valid range, all the doors are unlocked at the same time, the turning signal lamp flashes twice to show the vehicle is unlocked.

Indicator lamp

Press any button on the key and the indicator will flash once accordingly to show that the key is pressed successfully. If long press the button, the indicator will continue to flash. But when the key is pressed, the lamp does not flash, indicating that the key battery needs to be replaced.

Notice

- When the front left door of the vehicle is not closed, the vehicle does not lock.
- If any of the other three doors and tailgate expect the front left door is not closed well, the vehicle can be locked but does not enter the state of alert after you press the lock button on the remote controller. After the door is closed, the vehicle enters the alert state.

①

Notice

- Please open the door within 30s, otherwise, all doors will automatically lock.
- Do not press the button when it is not needed, otherwise it may accidentally unlock the vehicle or trigger the alarm. Do not press the keys on the key at random, even if the key is not within the valid range.
- If more than one transmitter (for example, a walkie-talkie or a mobile phone) is operating at the same frequency near the vehicle, they may interfere with each other and may affect the remote control function of the key.
- The remote control range of the key will be reduced if there are obstacles between the key and the vehicle or in bad weather or when the battery is low.

Smart key system

The key system has all the functions of the ordinary remote control key, and can also realize the functions of remote control regulating window, passive entry, etc.

\bigcirc

Warning

- Be sure to carry the smart key with you when driving.
- Please do not leave the key in the vehicle before leaving the vehicle.

Operation range

The smart key function can only be used when the smart key is in the range of effective functions. The effective operating distance of the induction area outside the vehicle is within the range of 80cm from each request switch, and the interior area is the effective range of the induction area inside the vehicle.

When the key is in the induction area outside the vehicle, the personnel can lock and unlock all the doors by operating the switch on the front door handle.

When the key is in the induction area of

the vehicle, the operator can start and stop the power system and switch the start switch mode by operating the start switch.

(!)

Notice

• When the smart key is within the range of effective operation, anyone (even the person without the smart key) can perform the relevant operation.

1

2

3

4

5

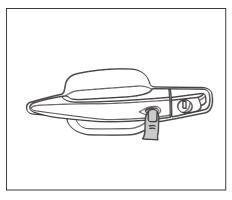
6

7

2

a

Lock and unlock



When the smart key is in the effective operation range, press the request switch on the door handle (driver side or front passenger side). Meanwhile, the turn signal lamp flashes twice, and all the doors is unlocked. At the same time, turn signal lamp flashes twice to show that the vehicle is out of the alert state. When you press the request switch on the door handle again, all the doors will lock. At this time, the turn signal lamp flashes once, and the horn alarms once to indicate that the vehicle is in the alert state.

\bigcirc

Warning

- If there is a large amount of water splashing on the door handle and the key is within the range of effective operation, for example, when washing the vehicle, the door may be wrongly locked or unlocked.
- If there is another key in the vehicle at this time, the vehicle will not be automatically locked.
- When there is a key in the vehicle, lock the vehicle outside with another key, the vehicle will automatically be unlocked with alarm.

①

Notice

- Under the following circumstances, even if the smart key is within the range of effective operation, the smart key system may not work properly or function abnormally:
 - 1. Key is in the vehicle.
 - 2. Key battery runs out.
 - 3. Turn the start switch to ON position.
 - 4. When unlocking or locking vehicle door, the smart key is too close to the window or the door handle, the ground or placed high.
 - 5. When there are strong radio waves near the position of the vehicle, the effective operating range of the smart key system will be reduced or even cannot work normally.

Remote window control Close

All doors are closed, long press the lock button on the key within the effective range, the four-door window will automatically rise. At this time, all doors are locked. At this time, the turn signal lamp flashes once, and the horn alarms once to indicate that the vehicle is in the alert state.

Alarm

When the window is being closed in remote control, the vehicle will give an alarm in the following circumstances:

- 1. The anti-pinch function of any window works.
- 2. Any window cannot be lifted to the top.
- 3. Window anti-pinch and one-click lifting functions are not learned.

Opening

All doors are closed. Long press the unlock button \bigcirc on the key within the effective range. The four-door window will automatically open. At the same time, all doors are unlocked. At this time, the turn

signal lamp flashes twice to show that the vehicle is out of the alert state.

(1)

Notice

- Long press: press the button for more than 2 seconds.
- During remote controlling the window, press any button on the smart key to stop.
- When the start switch is in ACC and ON position, the functions of remote window control cannot be used.
- If the remote control function is used repeatedly in a short period of time, the remote control function may fail due to the protection of motor life. At this point, you need to wait a while (usually 20s or so) before you can use the remote control function again.

Key battery replacement

! I

Danger

- If the key battery is swallowed, it can make people poisoned, and even death in a short time.
- Be sure to properly keep the keys, key rings, batteries and other parts removed from the keys, to prevent children from touching them.
- If you accidentally swallow the battery, you must seek medical treatment as soon as possible.

(1)

Notice

- Do not touch the internal circuit and electronic terminal of the key, or it may cause fault.
- Hold the edge of the battery. Holding the battery's contact will seriously consume the battery's power.
- If you need help with the replacement, please contact JAC authorized after-sales service store.

1

2

3

4

5

6

7

8

9

Inspection and adjustment before driving

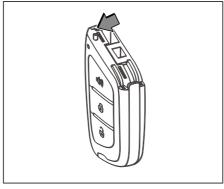


Environmental Protection

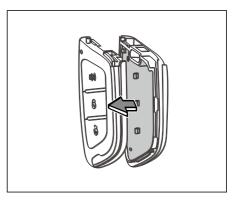
- Improper disposal of waste batteries will damage the environment and human health. Be sure to dispose of used batteries in strict accordance with local laws.
- 1. Press the button and pull out the mechanical key.



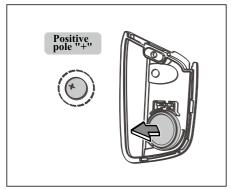
2. Twist the upper shell clasp of the shell gently, and then open the shell at the gap of the shell.



3. Remove the circuit board.



4. Replace the battery (positive pole of the battery faces downward).



5. Reverse the steps above to install.

Anti-theft system Engine anti-theft system

To prevent theft, the key has a signal transmitter that matches with the vehicle inside, and the engine cannot be started unless a legitimate key is used.

If the engine cannot be started, please follow the following steps to check:

- 1. Check if your key is legal.
- 2. Check if the battery power is full. If none of the above occurs, it is likely to be the fault of the electronic anti-theft system, please contact the JAC authorized after-sales service store for maintenance.

Body anti-theft system

Body anti-theft system helps protect your vehicle and valuables from theft. When someone tries to force into the vehicle, the vehicle anti-theft system will alert.

$\overline{\bigcirc}$

Warning

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

Start the anti-theft system

- 1. Close all doors and windows.
- 2. Put the start switch in the LOCK position (The start switch in the OFF position for keyless vehicle).
- 3. Get out with your keys.
- 4. Close all the doors and engine compartment cover.
- 5. Lock the vehicle.

Release the anti-theft system

Use the mechanical key, key remote control function or door handle request switch to unlock the vehicle, anti-theft mode will be released.

1

2

3

4

5

6

7

Q

С

Notice

- When the door lock is opened in any other way, the alarm will be activated.
- If the door is not opened or the engine is not started in 30s after releasing the anti-theft system with the remote control key, all the doors will automatically be locked and the anti-theft mode will be restarted.

Triggering conditions

When the anti-theft system is working, it will be triggered with abnormal entry, at this time, the horn will blare and hazard warning lamp will flash for about 90s.

How to stop warning

Use the mechanical key, key remote control function or door handle request switch to unlock the vehicle, vehicle stop warning.

Door

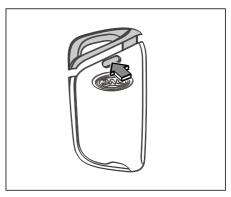
\bigcirc

Warning

- Do pay attention to whether there is a vehicle approaching to avoid an accident before opening any door.
- Do not leave children or people in need in the vehicle alone. They may inadvertently flip a switch or controller and accidentally get involved in a serious accident and injure themselves.

Use mechanical key to lock and unlock

1. Take out the mechanical key.

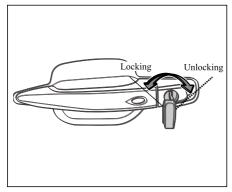


Take out the mechanical key, press the release button and take out the key.



) Notice

• When folding the common key, press the release button first, or else it may damage the key. 2. After inserting the mechanical key into the lock core, all doors can be locked by counter-clockwise rotation, and unlocked by clockwise rotation.

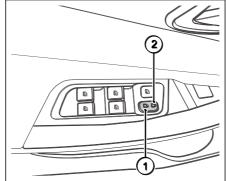


(!) Notice

- When leaving the vehicle, all doors must be locked and keys must be removed.
- When the door is locked by the key, the vehicle anti-theft system is activated.

Central control lock switch to lock and unlock

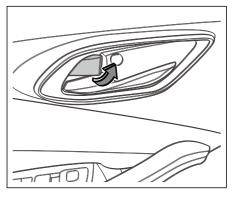
The central control lock switch on the driver side door locks and unlocks all doors.



- 1. Central control unlock button
- 2. Door lock button

When you are in the vehicle, all doors can be locked by pressing the lock button and unlocked by pressing the unlock button.

Lock and unlock the door with the inner door handle



At the four doors, no matter what state the vehicle is in, the doors can be unlocked or locked by using the inner door handle.

1

2

3

4

二

6

7

Q

С

Inspection and adjustment before driving

①

Notice

- The anti-theft system is not started in this way to lock the doors.
- Use inner handle to lock the door without key. Please be careful not to leave the key in the vehicle in this way to lock the door.
- Do not operate the door inner handle when the vehicle is running, otherwise the door may open accidentally.

Lock without key

If you need to lock the door without a key, you can press the central lock button when the driver's door is open and the other doors are closed. Then close the driver's side door with pulling the outside door handle, then the vehicle is locked.

\bigcirc

Warning

- The anti-theft system is not started in this way to lock the doors.
- Please be careful not to leave the key in the vehicle with the above way to lock the doors.

Vehicle speed perception lock Automatic lock function

When the vehicle speed exceeds 15km/h, all the doors of the vehicle will be locked automatically.

Automatic unlock function

Equipped with push-button start switch, the transmission is in neutral position (MT), switch to the OFF position, all the doors will be unlocked automatically.

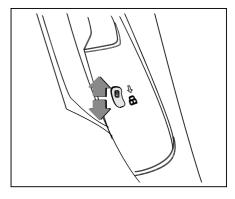
Collision perception door lock

When the ignition switch is in "ON", in the event of serious crash, all doors will be unlocked automatically.

Child safety door lock

The two rear doors of the vehicle are equipped with the child safety door lock. The function of child safety door lock is to prevent passengers(especially children) away from accidentally opening the door inside the vehicle, which would cause unnecessary damage. It is recommended that child safety door lock should be activated when children are seated in the rear seat.

Set the child safety door lock



When the children safety door lock is moved to the lock position \bigoplus , the children safety door lock is opened. At this point, the rear door can only be opened through the outside door handle.

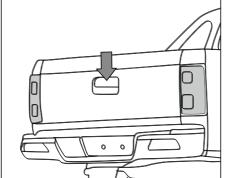
Release the children safety door lock

First open the door from the outside of the vehicle, and turn the child safety door lock to the unlock position.

○ Warning

- It is recommended that child safety door lock is activated when children are seated in the rear seat to avoid accident.
- When the child safety door lock is activated, the door can only be opened from outside.

Tailgate



When opening the tailgate, pull the tailgate opening handle to unlock the tailgate lock body, pull the tailgate backwards, and slowly lower the tailgate to the horizontal position with both hands. The tailgate limit wire draws the tailgate assembly. When closing the tailgate, lift the tailgate up from the horizontal position and push it slightly toward the tailgate to make the tailgate meet when approaching the buckle.

Check indicators and warning lights

To ensure safety, please carefully check that all the lamps, turn signals, warning lights and indicators are working normally before driving.

2

3

4

5

6

7

Q

0

Check tire

Tires and rims are important components in vehicle running and braking. The service life depends on road conditions, vehicle loads, tire pressure, driving habits and assembly technique. Please carefully check whether the tires and rims are normal before driving and long-distance driving, to ensure that the vehicle has good operating stability and safety.

Check tire pressure

Please check the tire pressure (including spare tire) regularly, at least once a month. Check whether tire pressure is normal under the condition of cold tires (vehicle stopped for more than 3 hours or the driving distance is less than 1.6km, it can be considered that the tires are in a cold state). The pressure of cold tires is marked on the tire label. In cold areas, the frequency of tire pressure checks should be increased.

1

) Notice

- Check the tire pressure regularly, especially before a long journey, to see if it is normal, otherwise it will worsen the steering stability of the vehicle.
- Too high or too low tire pressure will lead to early tire wear, when driving at high speed, which may cause tire cracking or even tire burst.

Check wheel appearance

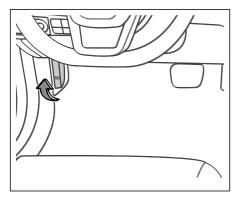
- 1. Check the tire tread and tire wall for cracks, cutting marks or other damage.
- 2. Check whether the tire tread and tire wall are embedded with metal objects, stones and other objects.
- 3. Check whether the rim and spokes are damaged, corroded and deformed, and whether the balance weight falls off.
- 4. Check whether the rim and wheel nut are obviously loose.

0

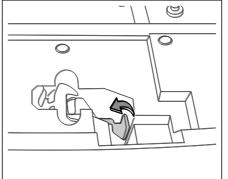
Warning

• When the tire wear exceeds a certain degree, the tire adhesion performance cannot be guaranteed. When driving at high speed, it is easy to slide or sideslip. In severe cases, it may cause a flat tire. Check the abnormal wear of tire, eliminate the bad factors that affect the life of tires in time, and ensure the safety of driving.

Engine compartment cover Open the engine compartment cover



- 1. Pull the hood opening handle, and the hood will slightly spring up.
- 2. Extend your hand to the inside of the hood front edge and stir the open handle of hood lock upward, and then lift the hood.



○ Warning

- Please do not pull the hood release handle when driving the vehicle.
- Do not start the vehicle when the hood is in the lifting position, otherwise it will cause damage to the hood and even accidents.

Close the engine compartment cover

- 1. When close the engine compartment cover, lower the power hood slowly by pressing the front edge of the engine compartment cover with your hands.
- 2. When it is about to close, press down the engine compartment cover quickly and forcefully. The engine compartment cover will close when you hear a "click".
- 3. Gently lift the engine compartment cover upward to check if it is firmly locked

Warning

 Before driving, confirm whether hood is locked, or the hood may open and block your horizon during driving and it will cause accidents. 1

2

3

4

5

6

_

o

С

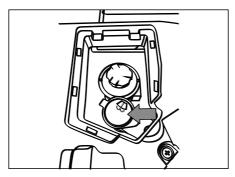
Battery saving system

When the starting switch is in the position of "ACC", "OFF" or "LOCK", the battery saving function will automatically turn off the vehicle lamps and electrical appliances after a period of time to avoid the depletion of battery power.

(!) Notice

- Make sure all lamps and appliances are turned off before leaving the vehicle.
- Even there is battery saving function, when the power system is not started, please do not turn on the low beam lamp for a long time to prevent the battery from running out, and reduce the battery using lifetime.

Windshield washer fluid



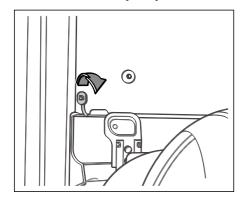
When the windshield washer does not spray cleaning fluid or the spray is weak, open the hood, add the appropriate amount of cleaning fluid in the reservoir, and close the washer cap.

! Notice

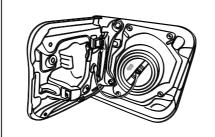
- When the cleaning liquid is insufficient, the wiper blade cannot remove the objects on the window surface normally, and it will shorten the service life of the wiper blade and even damage the wiper blade.
- If the washer cover is not closed normally, the cleaning liquid may leak during the running.

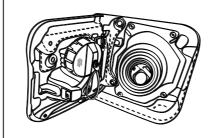
Fuel-filler door Open fuel-filler door

1. The fuel-filler door is located on the rear left side panel of the vehicle. The fuel-filler door release is located on the floor to the left of the driver's seat. To open the fuel-filler door, pull up the release.



2. Unscrew the fuel-filler cap counterclockwise and place the fuel-filler cap on the fuel-filler cap holder.





3. Add the fuel.

∑ Wa

Warning

- Stop the engine and do not smoke or allow flames or sparks near the vehicle when refueling.
- Do not use mobile phone, interphone and other radio equipment when refueling.
- Do not splash the fuel on the vehicle when refueling.
- Be sure to strictly comply with the safety regulations and safety instructions related to fuel use.
- When refueling, use the automatic refueling gun correctly according to the regulations. When the fuel tank is full, the refueling gun will automatically close immediately. Do not attempt to continue refueling after the refueling gun is automatically turned off. Otherwise, there will be no expansion space in the fuel tank. Once the temperature rises, the fuel tank may overflow, and the spilled fuel will pollute the

1

2

3

4

5

6

7

Q

a

Inspection and adjustment before driving



Warning

environment.

- The spilled fuel must be removed in time to avoid damage to the wheel cover, tires and body.
- Bioethanol blended fuel must meet the relevant standards to avoid damage to the engine and fuel system.
- Only replace the fuel tank cover of the original equipment type.
 Substandard fuel tank cover can cause serious failure and potential injury

Notice

- When you turn the fuel-filler cap, if you hear a "click" sound (this sound is the oil vapor discharge sound), unscrew the fuel-filler cap after the sound disappears.
- If the fuel-filler door is hard to be opened due to the ice, you can softly knock to break the ice, and then try to open. If necessary, spray the safecertified ice melting products (not radiator coolant) round the cap or drive the vehicle to warm place to melt the ice.

Close fuel-filler door

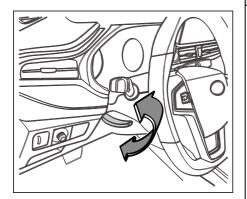
- After refueling, insert the fuel-filler cap straight into the fuel-filler tube, tighten the fuel-filler cap and turn fuel-filler cap clockwise until you hear "click" three times.
- 2. Press the fuel-filler door until you hear slight "click", ensure it is closed.

0

Warning

- After refueling, make sure that the seal ring of fuel-filler cap and top of fuel-filler tube are clean.
- Before driving, make sure the fuelfiller door is completely closed and locked. Otherwise, it may open suddenly in the process of driving, damaging the vehicle or causing casualty.

Steering wheel adjustment Steering wheel angle adjustment



- 1. Adjust the driver's seat correctly.
- 2. Push the locking handle below the steering wheel to the bottom.
- 3. Adjust the steering wheel up or down to the desired desired position, making sure that you can see all the indicators and warning lights on the dashboard.
- 4. Push the lock handle upward to the end to lock the steering wheel.
- 5. Try to move the steering wheel up and down to make sure that the steering wheel is firmly locked in place.

○ Warning

- Improper adjustment of the steering wheel position and incorrect sitting posture may result in serious personal injury.
- Every time after adjusting the steel wheel, push the lock handle upward to the end to lock the steering wheel.
- Do not adjust the steering wheel while the vehicle is in motion.
 Otherwise it may result in loss of control of the vehicle and serious injury or even death.
- The chest should be at least 25cm away from the center of the steering wheel. Airbag provides maximum protection to the driver in case of an accident.
- The driver must always keep both hands on the steering wheel rim at positions of 9 o 'clock and 3 o 'clock, to reduce the degree of injury to the driver when the front airbag is triggered.

Warning

Never put your hands in the 12 o
 'clock position of the steering wheel,
 or in any other position. Otherwise,
 when the accident triggers the
 driver's frontal airbag, the driver's
 arm, hand and head may be seriously
 injured.

Steering wheel unlock

After turning off the vehicle, turn the steering wheel, the steering wheel will be locked, which is the vehicle's anti-theft function.

After inserting the key or pressing the push-button start switch, shake the steering wheel from side to side to release the lock.

1

2

3

4

5

6

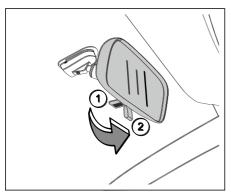
7

റ

 \circ

Rearview mirror Manual anti-glare interior rearview mirror

When the vehicle is still, after choosing a comfortable driving position, hold the middle of the mirror and adjust the inner rearview mirror up and down or left and right in order to find a good vision position.



Normal daytime position

Adjust the anti-glare operation handle under the rearview mirror to position 1 shown in figure 1.

Anti-dazzle position at night

Adjust the anti-glare operation handle under the rearview mirror to the position shown in figure ②.



- Do not hang anything on the rearview mirror.
- Adjusting the inner rearview mirror when driving may distract the driver's attention and easily lead to serious casualties.
- Make sure the rearview mirror is in the correct position and free from other objects that block the rear view.



Warning

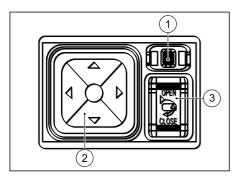
 When parking, changing lanes, overtaking and turning, be sure to carefully observe the conditions around the vehicle, because there may be other vehicles or pedestrians or objects in the blind area.

(!) Notice

- Use tissue or similar substance with glass cleaner to clean the inner rearview mirror. Do not spray the glass cleaner directly on the inner rearview mirror, otherwise the cleaner will enter into the shell of the inner rearview mirror.
- The inner rearview mirror can be removed. Make sure the inner rearview mirror is firmly installed before driving.

Electric regulating exterior rearview mirror

The exterior rear-view mirror adjustment switch is located on the left lower side of the driver's side dashboard.



- 1. Outer rearview mirror selecting switch
- 2. Exterior rearview mirror adjustment
- 3. Outer rearview mirror folding switch

Rearview mirror angle adjustment

- 1. Ignition key is placed at "ACC" or "ON" position.
- 2. Turn the selector switch ① to the left and right positions to start the adjustment of the left and right outer outside mirrors.

3. Press the up, down, left, and right switches to adjust the lens angle by right outer rearview mirror adjusting switch ②.

Electric folding of exterior mirror

- 1. Ignition key is placed at "ACC" or "ON" position.
- 2. Press "CLOSE" on the outer rearview mirror folding switch ③, the outer rearview mirror will automatically fold.
- 3. Press "OPEN" on the outer rearview mirror folding switch ③, the outer rearview mirror will automatically unfold.

○ Warning

 Manually folding is prohibited when equipped with electric folding function.

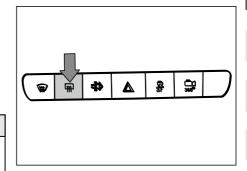
Notice

 Manually folding is prohibited when equipped with electric folding function.

Auto folding

If the vehicle is equipped with auto folding function, when locking and unlocking the vehicle, the rearview mirror will automatically fold and unfold after the vehicle is locked.

Exterior rearview mirror heating



When the rear windshield defrosting function is started, the rear mirror heating function will be started, to eliminate the rain, fog and vapor on the mirror surface.

1

2

3

4

5

6

7

Q

 \circ

\bigcirc

Warning

- Before driving, exterior rearview mirror must be expanded and adjusted properly. Please do not adjust the rearview mirror during driving.
- In the movement of rearview mirror, pay attention to your surroundings, be careful that fingers are not to be clamped by rearview mirror to avoid injuries and rearview mirror failure.
- Although curved (convex or spherical) rearview mirror can expand the field of vision, the object image reflected is smaller than the real object and looks farther than the actual distance.
- Using curved rearview mirror to estimate the distance from other vehicles when changing lanes can cause serious injuries.

\bigcirc

Warning

• If the electric rearview mirror is moved by external forces such as collision, it must be fully folded in the electric way before normal use. Under no circumstances should the rearview mirror be pulled back by hand, otherwise it may affect the function of the rearview mirror mechanical structure.

(1)

Notice

- You are supposed to keep the rearview mirror in a properly adjusted state and use them in driving to enlarge your view and get a better vision of surroundings and other vehicles
- Improper maintenance of the rearview mirror can cause damage. Do not scrub off the ice on the surface of rearview mirror. Forced adjustment is prohibited if the ice and other objects have a restriction on the movement of rearview mirror.
- The rearview mirror must be folded up when the vehicle is washed by the automatic vehicle washing machine.
- Do not manually unfold or fold the electrical outer rearview mirror, or the motor may be damaged.
- When the electric adjustment function fails, the outer edge of the rearview mirror can be pushed by hand to adjust the position of the outer rearview mirror.

Starting and driving

| Running-in period87 | |
|--|--|
| Tire | |
| Brake friction plate | |
| Engine | |
| Precautions when starting and driving88 | |
| Tire Pressure Monitoring System | |
| Driving on bad road surface91 | |
| Driving after drinking alcohol or medicine91 | |
| Exhaust gas (CO) | |
| Three-way catalytic converter | |
| Cautions of Highway & Off-Road Drive92 | |
| Start the vehicle94 | |
| Precautions for starting the vehicle | |
| Start switch95 | |
| Driving | |
| Driving carefully99 | |
| Driving operation for manual transmission | |

| Use method of electronically controlled four-wheel d | rive |
|--|-----------------|
| system | 101 |
| Economic driving | 103 |
| Driving suggestion | 103 |
| Power steering system | 105 |
| Electric power steering | 105 |
| Emergency steering | 10 6 |
| Side slip | 106 |
| Driving brake system | 107 |
| Brake friction plate wear warning | 107 |
| Driving brake system relevant parameters | 107 |
| Brake Auxiliary System | 108 |
| Electronic Stability Control (ESC) | 109 |
| Anti-lock braking system (ABS) | 110 |
| Electronic brake force distribution system (EBD) | 110 |
| Traction control system (TCS) | 110 |
| Hill-start Assistance (HSA) | |

Starting and driving

| Hydraulic Brake Assistance System (HBA) 110 |
|--|
| Brake Override System (BOS)111 |
| Parking Brake System111 |
| Electronic parking brake system(EPB)112 |
| Auto hold function |
| 360° panoramic parking system114 |
| How to operate the 360° panoramic parking image system |
| |
| 360° panoramic parking image system display interface |
| |
| Reversing radar system117 |
| How to operate the reversing radar system |
| Reversing radar system warning type 119 |
| Reversing radar system abnormal condition 120 |
| Reversing image system |
| How to operate reversing image system 124 |
| Cruise control system(CCS)124 |
| Using method of cruise control system |
| Emission control system126 |
| Oxygen sensor |
| High pressure common rail system |

| Exhaust gas recirculation (EGR) | 27 |
|---|-----|
| | |
| Diesel particulate filter (DPF) 1 | 29 |
| Various driving situations 1 | |
| Do not drive vehicle after drinking alcohol 1 | .29 |
| Night driving1 | 29 |
| City driving 1 | 30 |
| Driving on slippery roads in rainy days 1 | 30 |
| Driving through deep water 1 | 31 |
| Ramp and mountain driving 1 | 32 |
| Ramp parking 1 | 33 |
| Driving in cold weather1 | |
| Road hypnosis 1 | 35 |

Running-in period

Check engine oil level, tire pressure, coolant level and windshield-washer fluid level before driving. Cautions during the running-in period:

Tire

Special care should be taken within the first 500 kilometers of driving with new tires. The new tire does not have the best adhesion at the beginning of use, so it must be run in.

Brake friction plate

Brake friction plate of new vehicle has not achieved the best braking effect within the first 200 kilometers. The new brake friction plate must run in first to achieve the best friction performance. The braking effect can be improved by pressing the brake pedal harder.

(!) Notice

- Different degrees of wear will occur on the brake friction plate and brake disc. The degree of wear depends on the driving operations and habits of the driver
- Due to the influence of speed, braking force and environmental conditions, noise may be produced during braking, which is a normal phenomenon.

Engine

The service life, working reliability and economy of the engine have a great relationship with the initial running-in conditions. The new engine must go through the running-in process of gradually increasing the load from no load before normal use to make each friction pair of the engine run in well.

Notice

- The running-in mileage of the engine is 3000km at the beginning of use.
- When driving, do not idle the engine at high speed. Don't allow engine speed to exceed 4000 r/min. Please don't let the engine idle for more than 3 minutes
- The speed should be kept within 80 km/h.
- During the running-in period, accelerate slowly and smoothly.
 Avoid unnecessary stopping and braking unless it's an emergency.
- Avoid towing a trailer or towing other vehicles within the first 1000km.
- Don't maintain a lower or higher speed for a long time. During the running-in period, a variety of engine speed is helpful for fully running-in of the engine.

1

2

3

4

5

6

7

റ്റ

С

Notice

• During the running-in period, attention should be paid to the working conditions of each engine system. If any fault or abnormal is found, it should be eliminated first and then continue to run in.

Precautions when starting and driving

Tire Pressure Monitoring System

In driving mode, the tire pressure monitoring system can monitor the pressure and temperature of the tire, give an alarm in time when the setting value is exceeded and help the driver to grasp the condition of the tire in real time, reducing the traffic accidents caused by the tire failure and increasing the vehicle driving safety.

Tire pressure warning description

The tire pressure monitoring system sends the warning information of states of tire pressure and system by tire pressure abnormal alarm lamp on the combination instrument:

| Indicator lamp | Name | Туре | Lamp type |
|----------------|--|------------------------|-----------|
| | Tire pressure abnormal alarm lamp | Low pressure alarm | Always On |
| | | High pressure alarm | Always On |
| | | High temperature alarm | Always On |
| | TPMS Abnormal tire pressure monitoring system | Mismatched learning | blink |
| TPMS | | System Malfunction | Always On |

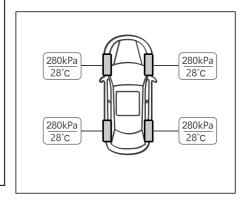
?) Notice

- If the tire pressure abnormal alarm lamp is always on or flashes, please stop timely to check and go to JAC franchised after-sales service store for maintenance as soon as possible.
- If the tire is needed to be replaced, please go to JAC franchised aftersales service store in time to relearn the tire pressure for the vehicle, otherwise tire pressure abnormal alarm lamp will light up.
- TPMS is an auxiliary system for tire pressure monitoring. The signal's transmission is completed by the high frequency. When the high-frequency signal is interfered by the same frequency electromagnetic field for a long time, it will send a system fault alarm. When the vehicle is away from the strong magnetic field, alarm status will be automatically lifted, which is normal.

(!) Notice

• When the vehicle is running or turning on a bumpy road, the tires are stressed differently. As a result, the tire pressure is too high or too low during this period. Sometimes the system may occasionally get an alarm. When the vehicle travels to a flat and straight road, if the pressure is normal, the alarm will be automatically released, which is normal.

Tire pressure and temperature display



The current state of the tire can be displayed on the multimedia screen. Click the tire pressure monitoring icon on multimedia screen to bring up the display interface. Tire pressure information of the current vehicle can also be displayed in the combination instrument.

1

2

1

5

6

7

0

a

Starting and driving

$\underline{\mathbb{O}}$

Notice

 When the vehicle speed is greater than 30km/h, the tire pressure information will be gradually displayed.

The definitions of the tire and display frame in display interface are shown as follows:

White: If the current tire pressure is approximately the same as the specified value, the corresponding tire pressure value is displayed in white, and at this time the interface indicates the driver that the tire pressure is normal.

Red: If the current tire pressure is more or less than the specified value, the corresponding tire, display interface and tire pressure characters are displayed in red, and at this time the interface indicates the driver that the tire pressure is too high or too low.

If the temperature of current tire is more than 85°C, the corresponding tire, display interface and tire temperature characters

are displayed in red, and at this time the interface indicates the driver that the tire temperature is too high.

Twinkle quickly: If the tire leakage speed is too high, the corresponding indication twinkles quickly, indicating that the driver's tire is in a rapid leakage.

\bigcirc

Warning

- Low tire pressure or tire pressure difference may lead to tire failure, and easily lead to casualties.
- When the warning light is on, it is necessary to stop as soon as possible and check all tire state.
- Tire pressure is different or low, is bound to intensify tire wear, reduce vehicle driving stability, extend the braking distance.
- Tires with different or low pressure may suddenly malfunction, resulting in tire burst and loss control of vehicle.

\bigcirc

Warning

- If drive when the pressure is insufficient, the tire temperature increases rapidly, may lead to tire shelling, or even puncture.
- When the vehicle is running at high speed, the tires are prone to overheating, causing the tire to burst and the vehicle out of control.
- Regardless of tire pressure is too high or too low will lead to early wear and tear of the tire, deterioration of the vehicle's handling stability.

Driving on bad road surface Before driving

- 1. Plan your route in advance and try to avoid driving on bad road.
- 2. If it is impossible to avoid, please drive carefully, do not take risks.
- 3. Put the luggage and other items in the luggage compartment to prevent moving.

When driving

- When driving on bad road, it is necessary to be cautious and predictable. Excessive speed and wrong driving can cause damage and injury.
- 2. Make sure the vehicle speed is suitable for road, terrain, traffic and weather conditions. You must drive carefully.
- 3. Drive on the road where allowed.

After driving

- After driving on the bad road surface, remove branches and other foreign matters stuck to the radiator grille, bottom plate and wheels. At the same time, special attention should be paid to remove the stones embedded in the tire tread.
- 2. Clean the vehicle body and floor, and check whether the vehicle is damaged.
- 3. Clean soiled windows, headlamps, rear lamps and license plates lamp.
- 4. Conduct braking test (especially after wading).

Driving after drinking alcohol or medicine

Danger

- Do not drive after drinking alcohol. Drunken driving is very dangerous. Even a small amount of alcohol can affect driver's responsiveness, feelings and judgment.
- Driving after drinking medicine is the same dangerous with driving after drinking alcohol, and even more dangerous. Some medicine will reduce people's response ability, please consult the relevant doctor before driving.

4

5

A

7

Q

a

Exhaust gas (CO)



Warning

- Do not inhale exhaust gas. It contains colorless and odorless CO, which is harmful to human and can cause coma and even death if inhaled in excess.
- Use unleaded fuel and proper oil as required.
- If exhaust gas is suspected to enter into the vehicle, please drive with all windows fully open and check the vehicle immediately.
- Do not run the engine for long time in a closed place (such as garage).
- Do not allow the engine to run for a long time while parked.

Under the following circumstances, contact the JAC authorized after-sales service store to check the exhaust system and vehicle body:

- 1. Lift the vehicle during maintenance.
- 2. There is exhaust gas entering the passenger compartment.
- 3. Abnormal sound of exhaust system.
- 4. Exhaust system, chassis or caboose damage.

Three-way catalytic converter

Three-way catalytic converter is an exhaust control device installed in the exhaust system. The exhaust gas is burned at high temperature in the three-way catalytic converter, which helps to reduce environmental pollution.



Warning

- The temperature of exhaust gas and exhaust system are very high.
 People, animals and inflammables should be kept away from exhaust system components.
- Failure of ignition, power drop or jitter of the engine will cause serious damage to the three-way catalytic converter.
- Do not use leaded fuel. Sediment from leaded fuel can damage the three-way catalytic converter.

Cautions of Highway & Off-Road Drive

Your vehicle is suitable for normal and partially off-road driving, so avoid driving in harsh conditions such as deep water or mud. Two wheel drive (2WD) vehicle is less capable than four wheel drive (4WD) vehicle for off-road driving and for getting out of trouble when the vehicle is stuck in deep snow, mud or similar conditions.



Warning

- When leaving the highway, drive carefully and avoid entering dangerous areas. Driver and passenger seat well and safety belt is fastened
- Do not cross the steep slope, but should choose straight up and down the slope, to avoid vehicle rollover.
- Unsecured luggage may fly out on rough terrain. Secure all luggage properly so that it does not fly out forward and injure the occupants.

Warning

- Keep alert when driving to the top of the hill. At the top, the ground may drop sharply or there may be other hazards that could lead to an accident.
- Do not attempt to turn if the engine is missfire or you cannot climb to the top of a steep hill. Otherwise your vehicle may tilt or roll over. Do use R gear for reversing. Do not use the brake to reverse the vehicle in 'N' (neutral) gear, as this may result in loss of control of the vehicle.
- When downhill, high intensity braking will lead to the brake overheating and failure, resulting in vehicle out of control and accidents.
 Tap the brake and control the speed with a low gear.
- In order to avoid excessive lifting of the center of gravity, do not exceed the rated loading capacity of the cargo, and load the luggage evenly.
 Secure the cargo as low as possible from the front. Do not assemble

Warning

the vehicle with tires larger than the specifications specified in this manual. Otherwise, the vehicle may roll over.

- When driving off-road, do not hold the inside of the steering wheel. The steering wheel may turn suddenly and injure your hands. When driving, keep your hands on the outside of the wheel rim.
- Slow down when encountering strong lateral wind. The higher the vehicle's gravity center, the more susceptible it is to strong lateral wind. Slow down to control the vehicle better.
- Do not drive beyond tire performance when using 4WD mode.
- When the engine is running, do not attempt to lift the two wheels off the ground and switch the gearbox to any driving gear position, otherwise it may cause damage to the transmission system or accidental movement of the vehicle, resulting

\bigcirc

Warning

in serious damage to the vehicle or serious personal injury. (4WD mode)

- When some wheel is off the ground due to uneven road surface, do not over rotate the wheel.
- Rapid acceleration, sharp steering or emergency braking can cause the vehicle to lose control.
- Always check your brakes immediately after driving on mud or water.
- Once driving over sand, mud or water at hub level, more frequent maintenance is required.
- Please use four tires of exactly the same size and construction. When driving on slippery surface, install traction device on the rear wheels and drive carefully.
- Avoid parking on steep slope.
 Accidental vehicle movement may result in personal injury.

1

2

3

4

5

6

7

o

a

Start the vehicle

Precautions for starting the vehicle

Before entering the vehicle, check the vehicle status and surroundings. Check the following items before driving:

- 1. Make sure all windows, rearview mirrors and outdoor lamps are clean.
- 2. Check the tire condition.
- 3. Check if there is oil leakage under the vehicle.
- 4. When reversing, make sure there are no obstacles behind the vehicle.
- 5. According to the maintenance cycle check the amount of oils regularly, such as engine oil, engine coolant, brake fluid, windshield cleaning fluid.

Precautions before starting

- 1. Close and lock all doors.
- 2. Ensure that vehicle storage facilities, items in the cargo and roof are fixed reliably.
- 3. Make sure all windows have a clear view.
- 4. Adjust the vehicle interior and exterior

rear view mirror.

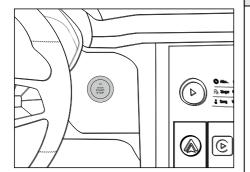
- 5. Adjust the seat to the most suitable position, so that all controls in the vehicle are readily accessible.
- 6. Driver and passengers must wear seat belt.
- 7. Make sure all lights are working properly.
- 8. Check the combination instrument.
- 9. Check if the warning lamp is normal when turn the start switch to ON position.
- 10. Check if the tire pressure is accord with the requirement, or the fuel is enough.
- 11. When driving with children, be sure to use the appropriate child restraint system to protect the children in the vehicle according to their height and weight.
- 12. Medicine, alcohol or drugs can impair a person's ability to react.



Warning

- In order to ensure safe use of the vehicle, please make sure that you are familiar with the vehicle and its equipment before driving.
- Always wear the right shoes to drive the vehicle. Improper shoes (high heels, ski shoes, sandals, etc.) will interfere with your operation of the vehicle.

Start switch



When the smart key is in the vehicle sensing area, the driver does not need to take the key out of the pocket or bag, press the push-button start switch to start. Before operating the push-button start switch, the manual transmission must be in the neutral position.

Warning |

- Be sure to carry the smart key with you when driving.
- Do not place the smart key on the dashboard, floor, combination meter, storage box, or the border area of the rear seat and the luggage. Or else, the engine can not be started.
- If the vehicle battery is exhausted, the starting switch will not be able to switch from the LOCK position, and if the steering lock is working, the steering wheel will not be able to move.
- Do not operate the engine in a closed room or in an unventilated area. The carbon monoxide emitted by the vehicle is colorless, odorless and tasteless, which can cause serious poisoning and even death.
- Do not start the engine under the condition of pressing the accelerator pedal, or the vehicle may accidentally move and cause an accident

Warning

- Do not start the engine by pushing or pulling the vehicle. otherwise, unburned fuel may enter and damage the catalytic converter.
- Do not operate the button-type start switch while the vehicle is running. Otherwise the steering wheel will lock and may cause the driver lose control of the vehicle, which may cause serious vehicle damage or personal injury.
- Do not keep the start switch in "ACC" or "ON" position for a long time, in case the battery runs out.

Start switch position

Without pressing the clutch pedal, press the start switch and the position of the start switch will be changed as follows:

Press once to "ACC", twice times to "ON", three times to "OFF", and four times to return to "ACC".

Opening or closing the door will return to the "LOCK" position from "OFF".

| Position | Instructions | |
|--|--|--|
| LOCK | The steering wheel is locked, the vehicle is powered off, and all electrical accessories cannot be used. | |
| ACC | Unlock the steering wheel and use electrical accessories (such as radio). | |
| ON | When the vehicle is powered on, you can use all the electrical parts, such as electric windows. | |
| START The steering wheel is locked, the vehicle is powered off, and all electrical accessories cannot be used. | | |

Start the engine

- 1. Before starting the engine, put the gear shift lever to the neutral position.
- 2. Step on clutch pedal.
- 3. When the smart key is in the induction area, press the start switch to start the engine.

(!) Notice

- When the engine is not started and the ignition switch is in "ON", the diesel engine needs to observe the preheating indicator lamp 700 on the instrument, and start the engine immediately after the preheating lamp is off.
- The start time shall not exceed 8s, and the interval time of each start shall not be less than 2 seconds. If the engine still fails to start after three consecutive starts, stop immediately and contact JAC franchised after-sales service store for help.
- fter starting the engine, it should be idled (engine idling) for 1-2 minutes before running.

Start the engine in emergency

If the engine cannot be started normally, emergency starting can be attempted by:

- 1. Before starting the engine, put the gear shift lever to the neutral position.
- 2. Press the start switch for 15s, you can start the engine for emergency.

Stop the engine

- 1. Turn the shift gear into "N" gear position after the vehicle is totally stopped.
- 2. Press the start switch, the engine stops, and the start switch is switched to the "OFF" position.

\bigcirc v

Warning

• After the engine runs in heavy load, it should run at idle speed (engine idling) for 3-5 minutes before stopping the engine. The aim is to cool the engine gradually and evenly, so as to avoid the distortion of some parts caused by the sharp cooling and prevent the engine from spontaneous combustion.

Stop the engine for emergency

Press and hold the start switch for about 3s or press the start switch 3 times continuously within 3s to shut down the engine in an emergency.

Combination meter alarm prompt:

| No. | Alarm prompt | Note instruction | Solutions |
|-----|--|--|--|
| 1 | | Remind the driver that there is still a key in the vehicle when locking the vehicle. | Take the key out of the vehicle. |
| 2 | 1 11 2 | Remind the driver that the vehicle is not turned off. | Please close the power supply before leaving the vehicle. |
| 3 | Key outside the vehicle | Reminding the driver that the key has been taken out of the vehicle. | Please take the key back, otherwise, the normal operation of the vehicle will be affected. |
| 4 | Key unidentified | Remind the driver the key is not identified. | Please check the key position and place the key in a place where it is not shielded. |
| 5 | Alarm of key in low power | Remind the driver that the key batter power is low. | Please change the battery in time. |
| 6 | Please press the clutch pedal to start | Manual transmission. | Remind the driver that he must first depress the clutch pedal and then press the start button to start the vehicle. |
| 7 | ESCL (Electronic steering column lock) is not unlocked | Remind the driver that ESCL lock tongue is stuck and not unlocked. | Please turn the steering wheel slightly and then press the start button again, the steering wheel lock can only be released. |

3

4

5

3

7

ξ.

a

Starting and driving

| No. | Alarm prompt | Note instruction | Solutions |
|-----|--|--|---|
| 8 | ESCL is not locked, please turn the steering wheel | When the power is turned off and the door is open from close, if ESCL is not locked, an alarm will be given. | The possible cause is that the lock tongue is stuck and not popped when the lock is locked. At this point, the driver needs to turn the steering wheel to ensure that the ESCL is locked. |
| 9 | ESCL self-test failure. please press the start switch and try again | Notice: Remind the drive of the failed self-test of ESCL system, which can affect the function of ESCL. | Please press the start switch again to trigger the self-test of ESCL. |
| 10 | Abnormal vehicle speed signal alarm | The vehicle speed signal received by ESCL is abnormal, which would affect the working of ESCL. | Please go to JAC franchised after-sales service shop for inspection and maintenance in time. |
| 11 | ESCL failure, please go to JAC franchised after- sales service shop for maintenance in time | Remind the driver there is internal failure in ESCL or ESCL wiring harness connection. | Please go to JAC authorized after-sales service store for inspection and maintenance in time. |

Driving

Driving carefully

Careful driving is a necessary condition to ensure the safety and comfort. Please drive carefully.

- 1. Fasten your safety belt well.
- 2. Keep sufficient distance. Because it is impossible to predict when the front vehicle will suddenly brake or turn.
- 3. The driver should be focused on driving and be ready to respond to various conditions. Any distractions can interfere with normal driving and cause accidents (such as talking on the phone, reading or picking things up from the floor).
- 4. Avoid dangerous behaviors such as overspeed, turning at high-speed and sudden steering.
- 5. Do not drive when you feel fatigue or drunk. Do not drive if you take drugs that lead to drowsiness.
- 6. If the left or right wheel of the vehicle leaves the main road due to mistakes, the following remedial measures shall be taken:
 - (1)Stay calm and don't panic.

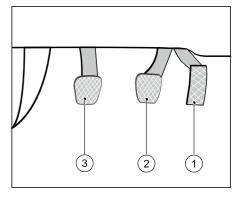
(2)Do not brake.

(3)Hold the steering wheel steady with both hands and keep control of the steering wheel.

- (4)Release the accelerator pedal and gradually reduce the speed when it's proper to do that.
- (5)After the speed is reduced, drive back to the road when the traffic and road condition permits.
- 7. Because the engine speed is faster when in cold, so in the warm-up period after vehicle starting, be very careful to shift the gear.
- 8. The braking distance will be prolonged after the brake is immersed in water. Please drive at a safe speed and avoid high speed. At the same time, tap the brake pedal several times to remove water stains.

Driving operation for manual transmission

Vehicle pedal



- 1. Accelerator pedal
- 2. Brake Pedal
- 3. Clutch pedal

1

2

3

4

5

6

7

Q

Ω

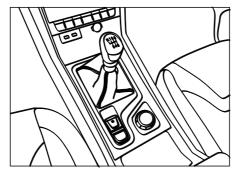
Starting and driving

\bigcirc

Warning

- The objects in the foot space of the driver's side may hinder the driver's operation of the pedal, which can easily lead to control loss of the vehicle and cause serious casualties.
- Do not let any item fall into the space of the driver's foot while driving.
- All pedals shall not be obstructed by any objects or floor mats. If there is floor mat, use proper fastener to fix the foot mat in the foot space. Please make sure they do not interfere with the normal operation of the pedal.

Gear shifting operation



As shown in the figure, the position of each gear is marked on the shift handle. During vehicle driving, the steps of gear shifting are as follows:

- 1. Press the clutch pedal to the bottom, and keep in the position.
- 2. Shift the lever to the desired position.
- 3. Release the clutch pedal.

Steps of R gear shifting are as follows:

- 1. Keep the vehicle still.
- 2. Press the clutch pedal to the bottom, and keep in the position.
- 3. Raise the gear lock switch in the middle of the shift lever, and move the shift lever to the "R" position to the front left. At this time, the system will emit a "di" sound, and the interface of the rear gear of the car will be displayed on the screen.
- 4. Release the clutch pedal.

\Diamond

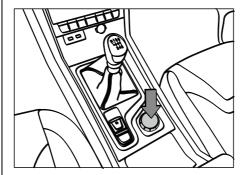
Warning

- Do not shift into the reverse gear while the vehicle is moving forward. Otherwise it may damage the transmission.
- Improper selection of the shift lever position may cause the car to run out of control, cause an accident, and cause serious injury.

(!) Notice

- To avoid premature clutch wear and damage, do not place your feet on the clutch pedal while driving.
- Slow down the speed before shifting down the gear can help you avoid engine damage due to overheating.
- Do not press the acceleration pedal all the time in half-linkage state (the clutch is not connected completely) when driving, otherwise it will accelerate the clutch wear and even cause the clutch to ablate.

Use method of electronically controlled four-wheel drive system



2H: Two-wheel-drive mode rotary knob **4H:** Four-drive high-speed mode rotary knob

4L: Four-drive low-speed mode rotary knob

Drive mode using application introduction

| Mode | Using applications |
|---------------------------------------|---|
| Two-wheel drive mode (2H) | Normal road and highway |
| Four-drive high-speed mode (4H) | Muddy road, sand and slippery road such as rain and snow, the maximum driving speed is 80 km/h |
| Four-drive low-speed mode (4L) | Need to increase the traction, such as lift the vehicle up and down the hill, in the mud and towing the vehicle, maximum driving speed is 40 km/h |

1

2

?

4

5

6

7

Q

0

①

Notice

- When switching the 4WD mode, there is a delay of a few seconds from rotating the intelligent 4WD switch to completing the actual switch. When switching, a slight mechanical combined impact sound may occur, which is normal.
- During the mode switching process, the front wheel should not have too large corners, otherwise the mode switching may fail. When the steering angle is too large, please exit the four-wheel drive mode, otherwise it will accelerate the tire wear, and the vehicle may lose control.
- In the four-wheel drive mode, please do not make the steering wheel angle too large, otherwise it will cause excessive engine load and thus flameout, abnormal tire wear and heavy steering.

<u>(1)</u>

!) Notice

- Do not use the "4H" or "4L" drive mode when driving on a normal road or highway. Otherwise, the following problems will occur:
 - 1. Producing noise.
- 2. Increase tire wear.
- 3. Increasing of fuel consumption, damage to the drive system.

Drive mode switching operation method

"2H" switch to "4H"

- 1. When the vehicle is still:
 - (1)Press the clutch pedal fully for at least 5s.
 - (2)Rotate the intelligent switch from "2H" to "4H".
 - (3)When the indicator lamp on the intelligent switch is always on and the combination instrument shows "4H", the switch is completed. Release the clutch pedal, and the vehicle can start running.

- 2. During driving:
 - (1)Drive the vehicle in a straight line and the vehicle speed is less than 80km/h.
 - (2)Press the clutch pedal fully for at least 5s.
 - (3)Rotate the intelligent switch from "2H" to "4H".
 - (4)When the indicator lamp on the intelligent switch is always on and the combination instrument shows "4H", the switch is completed. Release the clutch pedal, and the vehicle can start running.

"2H/4H" switch to "4L"

- 1. Stop vehicle to keep the vehicle at rest.
- 2. Shift lever position is in neutral gear position.
- 3. Press the clutch pedal fully for at least 5s.
- 4. Rotate the intelligent switch from "2H/4H" to "4L".
- 5. When the indicator lamp on the intelligent switch is always on and the combination instrument shows "4L", the switch is completed. Release the clutch pedal, and the vehicle can start running.

"4L" switch to "2H/4H"

- 1. Stop vehicle to keep the vehicle at rest.
- 2. Shift lever position is in neutral gear position.
- 3. Press the clutch pedal fully for at least 5s.
- 4. Rotate the intelligent switch from "4L" to "2H/4H".
- 5. When the indicator lamp on the intelligent switch is always on and the combination instrument shows "2H/4H", the switch is completed. Release the clutch pedal, and the vehicle can start running.

\bigcirc

Warning

- Do not switch the drive mode when the rear wheel of the vehicle is slipping on ice and snow.
- When driving in a cold area, noise may occur when the drive mode is switched from "2H" to "4H". Please stop the vehicle and then switch.
- Do not switch the drive mode between "4H" and "4L" while the vehicle is moving.
- In "4L" or "4H" mode, the ESC system is off by default, and the indicator lamp

 on the combination instrument will flash, and the indicator lamp

 will be off. When you re-enter "2H" mode, ESC function returns to normal.
- Do not drive until you successfully enter or exit "4L" mode, otherwise you may damage the transmission parts of the vehicle.

Economic driving Driving suggestion

Users can improve vehicle's fuel economy and reduce carbon dioxide emissions by following these driving tips.

Use the accelerator and brake pedal smoothly

Avoid rapid acceleration and braking. Step on the accelerator and brake pedal smoothly and slowly.

Prescient driving

Frequent braking and acceleration are bound to increase fuel consumption. Therefore, drive the vehicle prophetically and keep enough distance from the vehicle in front to avoid unnecessary braking and acceleration.

Drive steadily and at a constant speed

Compared with frequent braking and rapid acceleration, uniform speed is more important. The more stable the driving speed, the lower the fuel consumption. It is more efficient to drive at a proper constant speed on the highway than to

-

2

1

5

6

7

8

Ο

Starting and driving

brake frequently and accelerate sharply. Use cruise function (if equipped) to help maintain a steady speed during high-speed driving.

Use auxiliary electrical equipment in the vehicle moderately

Set the proper A/C temperature. Set the A/C temperature according to the temperature outside the vehicle, not too high or too low.

If the purpose of heating has been achieved, the seat heater (if equipped) should be promptly turned off.

Turn off the rear windshield heater when there is no fog or ice on the rear windshield.

Sliding to stop the vehicle

Release the accelerator pedal and let the vehicle slide to stop slowly when conditions permit.

Turnoff the engine when the vehicle needs to stop for a long time (for example, when waiting at railroad crossing).

Avoid short distance driving

After starting the cold engine, the

instantaneous fuel consumption of the engine is extremely high, and the vehicle can drive for several kilometers. Only when the engine reaches the normal operating temperature can the fuel consumption return to the normal level, so short-distance driving should be avoided as much as possible.

Warm-up in winter

When driving in winter, the vehicle generally needs to idle for no more than 30s to warm up before starting, so as to avoid too long warm-up time.

Keep the vehicle cool in hot weather

Park the vehicle in covered parking lot or in the shade if possible.

If entering the vehicle when it's hot inside, opening the window can help cool the vehicle more quickly, reducing the need for A/C system.

Shift gear in advance

Switching into higher gears will be helpful to save fuel. Engine running in high speed will consume unnecessary fuel.

Do not drive at the maximum speed of

a certain gear after shifting to the gear. Vehicle equipped with gear indicator that indicate the best time to shift, thereby improving fuel economy.

Avoid carrying unnecessary items and remove unnecessary body parts and accessories

The lighter the vehicle, the lower the fuel consumption. Remove unwanted items from the vehicle.

The better the aerodynamic performance of the vehicle, the lower the fuel consumption. Remove the special equipment in time, especially when preparing for high-speed driving.

Improve fuel economy and reduce carbon dioxide emission

To improve fuel economy and reduce carbon dioxide emission, please follow the recommendations below except for good driving habits:

- 1. Make sure the engine is properly tested.
- 2. Follow the maintenance manual for regular maintenance.
- 3. Properly adjust the tire pressure. The tire pressure meets the requirements can reduce the wheel rolling resistance, thereby reducing fuel consumption.
- 4. Keep proper wheel alignment. Improper positioning can exacerbate tire wear and reduce fuel economy.
- 5. Use the recommended engine oil.

Power steering system Electric power steering

When vehicle driving, electric power steering system automatically adjusts steering power according to vehicle speed, steering wheel angle and moment of force on the steering wheel, in order to let the driver better control the steering wheel, get the best driving experience.

○ Wa

Warning

• The steering wheel cannot be hold at the end position more than 10s, if more than 10s, EPS motor and EPS controller will be heat rapidly, steering power will weaken, and even may damage the electric power steering system.

(!)

Notice

- The electric power steering system works only when the vehicle power system is running.
- If the steering wheel is turned repeatedly or continuously during parking or extremely low speed driving, the steering power will be weakened. This is designed to prevent overheating and protect the electric power steering system from damage, which will return to normal after the electric power steering temperature drops.
- When steering power function reduces or fails, you need a larger force than usual, especially when sharp turning or driving in low speed.
- When operating the steering wheel quickly, you may hear the sound of friction. This is not a failure, please drive in peace.

1

2

3

4

5

6

7

റ്റ

5

Emergency steering

In emergency situations, if there is no enough braking distance, steering is more effective than braking to avoid people or obstacles. For example, when your vehicle is climbing over a ramp and one truck is on your lane, or a child or another vehicle suddenly appear in your front line, you can make brake to avoid collision on the premise that you can stop vehicle timely. Sometimes you cannot do this because there is not enough space. At this time, avoidance measures need to be taken to bypass the obstacle.

In such an emergency, your car will show its superior performance by pressing the brake pedal first. It is best to slow down as much as possible in case of a collision. Then turn left or right according to the available space to bypass the obstacle.

① Notice

 When in emergency turn, hold the steering wheel at the 9 o'clock and 3 o'clock positions to quickly turn the steering wheel, which will help turn the steering wheel safely and quickly, and return the steering wheel immediately after avoiding obstacles.

Side slip

The vehicle may get out of control when sliding. There are three types of side-sliding and corresponding emergency processing:

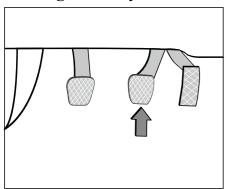
- 1. Braking leads to slip and the wheels will lock. Your vehicle is equipped with ABS that helps you avoid wheel locks.
- 2. High speed or oversteer when steering, cause the wheels to slip and lose steering force. Release the accelerator pedal is the best way to handle.
- 3. Acceleration leads to slip. Fast acceleration causes the drive wheel to slip. Release the accelerator pedal is the best way to handle.



Warning

- Adhesive force will decrease if there is water, ice, snow, sand or other debris on the road surface. To ensure safety, lower your speed.
- When driving on a slippery surface, avoid sudden steering, acceleration and braking.

Driving brake system



Driving brake system mainly includes brake pedal and brake assembly. Pressing brake pedal is to keep a constant speed downhill, to slow down or even stop. If you need to stop for a long time, please park your vehicle.

○ Warning

- Make sure that nothing interferes with the driver's control of all pedals.
- Use proper fastener to fix the foot mat in the foot space
- Avoid emergency braking on slippery roads. Sudden braking may cause the vehicle to drift or sideslip, even cause the driver to lose control of the vehicle.
- It is forbidden to adjust the brake pedal height and repair the brake system components. Or it may affect the braking performance of the vehicle and cause serious accidents and personal injury. If it's necessary to adjust, please contact JAC authorized after-sales service store.

Brake friction plate wear warning

When the brake friction plate is worn to a certain limit, press the brake pedal, it will give out a high frequency scraping sound, the friction plate wear warning light on the combination instruments () will be on, at this time, please go to JAC authorized after-sales service store to check and replace.

Driving brake system relevant parameters

| Classification | | Numerical value/mm |
|----------------------------|--------------------|--------------------|
| Brake Pedal | Free travel | 3~8 |
| Front brake friction plate | Standard thickness | 9.5 |
| | Abrasion limit | 2 |
| Rear brake friction plate | Standard thickness | 10.1 |
| | Abrasion limit | 2 |

1

2

3

4

5

6

7

Q

α

\bigcirc

Warning

• It is forbidden to adjust the brake pedal height and repair the brake system components. Or it may affect the braking performance of the vehicle and cause serious accidents and personal injury. If it's necessary to adjust, please contact JAC authorized after-sales service store.

(!) Notice

 Under certain driving conditions and weather conditions, slight squeaks, sharp sounds or other noise may be occasionally heard during braking, which is normal and does not affect the performance of the braking system.

Brake Auxiliary System

Brake auxiliary system includes electronic stability control system (ESC), anti-lock brake system (ABS), traction control system (TCS), ramp start auxiliary (HSA), hydraulic brake assist system (HBA), brake override system (BOS), electronic braking force distribution system (EBD), etc. The configuration of different models may be different, please refer to the specific model configuration.

When the power system is working, the brake auxiliary system can be effective and effectively improve the safety of driving.

Warning

- On the ice, snow, wet road, driving at high speed is easy to cause the vehicle out of control, even serious injury to the driver and passengers.
- Be sure to adjust the speed and driving method according to the visibility, climate, road and traffic conditions. Do not take advantage of the extra safety features provided by the system to avoid accidents.
- The braking auxiliary system cannot



Warning

violate the kinematics law. Even if the vehicle is equipped with ESC and other systems, there is still a risk when driving on the wet road.

- When driving at high speed on the wet road, the wheels may be off the ground and float. Once this happens, the vehicle will not be able to brake, turn, or even lose control.
- If the vehicle is too close to the front vehicle or the speed is too high, the brake auxiliary system will not be able to play an effective role.
- Although the brake auxiliary system can effectively assist the driver to control the vehicle in different driving environments, it is important to remember that the driving stability of the vehicle is closely related to the road adhesion of the tires.
- Be careful when stepping the accelerator pedal on slippery or icy roads. Even if the brake auxiliary system is activated, the wheels can still slid, causing the vehicle to lose control.

Electronic Stability Control (ESC)

Under certain driving conditions, ESC can apply braking to the wheels separately, which can effectively reduce the risk of sideslip and improve driving stability. ESC can identify extreme driving conditions such as excessive or insufficient steering or vehicle skidding, and apply braking to the corresponding wheels or reduce the output torque of the engine to keep the vehicle in stable running state.

ESC assistance cannot transcend the laws of physics. Note that ESC cannot work in all driving conditions to assist the driver in maintaining a stable driving condition. For example, ESC cannot play an auxiliary role in driving on road sections with abrupt changes in road quality. Floating and sliding are very easy to happen when the vehicle is running on the road with a layer of water film. Due to the separation of a layer of water film, ESC cannot sense the road condition and play an auxiliary role. ESC is not always able to deal with complex driving conditions as effectively as it does at low speeds when vehicles

travel quickly through curves, especially in multi-bend sections.

Be sure to properly adjust the speed and driving method according to the visibility, climate, road and traffic conditions. It is impossible for ESC to violate the laws of kinematics, improve the power utilization, or keep the vehicle in the normal driving lane when the vehicle deviates from the lane due to driver's mistake. ESC can only improve the stability of the vehicle within a controllable range. Under extreme driving conditions, ESC can assist the driver to drive the vehicle in the desired direction according to the driver's steering intention.

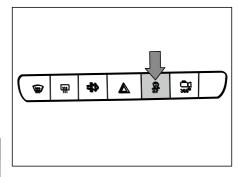
(!) Notice

• When the vehicle is in four-wheel drive mode, the indicator lamp

 on the combination instrument flashes, and the indicator lamp
 out, which is normal phenomenon.

ESC should be always in opening state when in driving. When ESC works, the indicator lampon 👮 the combination instrument will flash. At this time, be careful.

In the special situation, press ♣ button to close ESC:



- 1. When the vehicle is running with antislide chain.
- 2. Vehicle is running on deep snow or on a soft surface.
- 3. Vehicle is stuck in somewhere (for example, stuck in mud road) and needs to move forward and backward.

When the above situation is over, the ESC should be reopened immediately.

1

2

3

4

5

6

7

R

0

Anti-lock braking system (ABS)

Anti-lock braking system (ABS) is an advanced electronic braking system, which can help prevent vehicle slipping and losing control. The system allows you to keep a certain steering force during sudden braking, and can provide the largest parking ability on the slipping road. But it does not prevent accidents caused by careless or dangerous driving. Moreover, it is not considered that ABS can shorten the braking distance under any circumstances, and the braking distance may be longer than that of conventional braking system when braking on sand and stone road, snow and ice covered road or wet and slippery road.

If the wheels have the intention to lock, ABS system will repeatedly adjust the brake oil pressure. The recoil force with noisy will be felt on the brake pedal in this time. This is normal, it means that the ABS is working.

How to use this function:

1. Press hard on the brake pedal, do not release the brake pedal or reduce the

force on the pedal.

- 2. Do not step back and forth on the brake pedal or reduce the force on the brake pedal.
- 3. Turn the vehicle as required.
- 4. Release the brake pedal or reduce the force on the brake pedal, ABS will automatically stop working.

Electronic brake force distribution system (EBD)

When in braking, EBD will automatically adjust the brake force distribution proportion on the front and rear axle to avoid the uneven brake force distribution to improve the brake efficiency. EBD can match with ABS to improve the brake stability and ensure the vehicle in stable state.

Traction control system (TCS)

TCS monitors the state of each wheel through the wheel speed signal. Once the driving wheel skids, TCS will immediately interfere with the skidding wheel through the braking system. At the same time, TCS will interfere with the engine management

system, thus weaken the skidding of the driving wheel. TCS makes it easy for vehicles to start, accelerate, and climb in bad road conditions.

Hill-start Assistance (HSA)

Hill-start assistance system (HSA), when the vehicle starts on the slope without using parking brake, it can let the vehicle continue to brake for a few seconds when the right foot off the brake pedal, in order to prevent the vehicle sliding and cause an accident.

If any of the following conditions are met, HSA function will be closed:

- 1. Time of HSA function reaches 2s.
- 2. Vehicle pushing torque is enough to prevent the sliding.

Hydraulic Brake Assistance System (HBA)

The hydraulic brake assistance (HBA) can work only when engine is in running state. HBA system can effectively shorten the brake distance. In case of emergency, when the driver quickly steps down the

brake pedal, HBA immediately increases the braking pressure to the maximum, effectively and quickly activates ABS, and thus shortens the braking distance. Do not reduce the force on the brake pedal. Once the brake pedal is released, the hydraulic brake assistance (HBA) automatically shuts down immediately.

Brake Override System (BOS)

BOS refers to a system in which a driver can still stop by pressing the brake pedal while the accelerator pedal is fully open (i.e. Press the accelerator pedal to the floor). That is to say, the brake priority system will automatically switch the engine to idle state when it detects that the driver has not succeeded in attempting to brake, ensure the priority of braking.

Parking Brake System

Warning

- Do not stop or park on combustible materials such as hay, waste paper or rags. To prevent the hot exhaust system from touching such inflammable material and causing a fire.
- It is strictly prohibited to put the vehicle in starting mode without being attended to.
- Do not leave children in the vehicle alone. Children may inadvertently flip a switch or control key and have serious accidents.
- To avoid the risk of injury or death caused by unintended operation of the vehicle or its systems, do not leave children, adults in need of care or pets alone in the vehicle. They may inadvertently operate the handle and accidentally get involved in a serious accident.

Warning |

 Do not drive the vehicle when parking brake has been applied, otherwise the brake will overheat and fail to work, thus causing an accident.

(!) Notice

- In order to avoid unexpected movement of the vehicle when parking, apply parking braking before lifting the foot off the brake pedal.
- Be careful when driving in the parking lot. Pay attention to raised curbs or columns. These bumps can damage bumpers and other parts of vehicle when parking. Therefore when parking must pay attention to the wheels do not too close to this kind of bump.

1

2

3

4

5

6

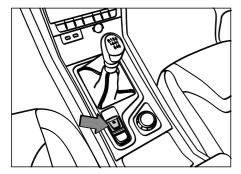
7

Q

С

Electronic parking brake system(EPB)

Location of electronic parking system switch is shown in the picture.



Steps of manually applying parking brake:

- 1. Depress the brake pedal until the vehicle stops slowly, and remain still.
- 2. Gently pull the electronic parking brake switch up once, the electronic parking brake (EPB) working indicator ((P)) (red) in the combination instrument will be on, indicating that parking brake has been applied.

- 3. For manual transmission model, shift the transmission gear to "N". If you park on an uphill road, it is recommended to put the transmission gear in "1" gear. If parking on downhill, it is recommended to put the transmission gear in reverse gear to prevent sliding.
- 4. Shut down the engine and release the brake pedal.

Automatically apply parking brake function when stop the engine

When the gear is in neutral, the vehicle is turned off and the electronic parking brake is applied automatically.

Steps of manually release parking brake

- 1. Press the brake pedal and keep it still.
- 2. Gently push the electronic parking brake switch down once, the electronic parking brake (EPB) working indicator (P) (red) in the combination instrument will be off, indicating that parking brake has been released.

Release parking brake automatically when starting

- 1. Start the vehicle, press clutch pedal and shift to "1" gear.
- 2. Step on the accelerator to start, the electronic parking brake will automatically release.

Emergency Brake Function

When the foot brake pedal cannot be used to stop the vehicle, the emergency braking function can be used to apply braking to the vehicle.

By holding the EPB switch all the time, the vehicle can be forced to brake through parking brake. Release the EPB switch, emergency brake stop.

Warning

- Improper usage of EPB may result in accident and serious injury.
- Do not use the parking brake while the vehicle is running, except in an emergency. Because the parking brake only applies the brake to the

Warning

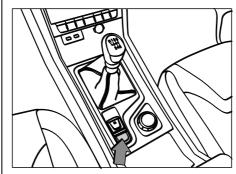
rear wheel, the braking distance is much longer than that of the brake pedal. Be sure to brake the vehicle with the brake pedal.

- If the driver does not wear the seat belt, the electronic parking cannot be unlocked automatically and the driver fails to manually unlock. At this time, stepping on the acceleration pedal to start will lead to transmission damage or even ablation. The malfunction of the transmission caused by this misoperation is not within warranty scope.
- If the gearbox has been shifted to some gear, and the engine is working, pay attention not to step on the accelerator pedal when operating in the engine compartment. Otherwise the vehicle may move even if the parking brake has been applied.

Auto hold function

Auto hold automatically applies parking brake after parking, without the driver stepping on the brake pedal or manually applying parking brake.

Location of auto hold switch is shown in the picture.



Automatic Parking

When the vehicle is no longer moving, auto hold starts immediately and stabilizes the vehicle. At this time, the indicator AUTO in the combination instrument flashes to remind the driver that auto hold is working.

Manually release parking brake

Parking brake can be released by manual release parking brake mode.

Automatic release parking brake

When starting to run, the driver steps on the accelerator pedal, the auto hold system immediately releases the brake, the indicator AOLD in the combination instrument display stops flashing, and the vehicle starts to move.

Auto hold function operation requirement

- 1. The driver's side door is closed.
- 2. Driver's safety belt is fastened.
- 3. The power system is in working state.

Manually open and close auto hold function

Press the auto hold switch once to turn on the auto parking function. The indicator light lights up.

Press the auto hold switch again, the auto hold function is turned off, and the indicator will be off.

1

2

3

4

5

6

7

8

a

Auto hold memory function

If the auto hold function is turned on before turning off the start switch, the system will turn on the auto hold function automatically when the start switch is turned on next time.

If the auto hold is turned off before turning off the start switch, the system will not turn on the auto hold function automatically when the start switch is turned on again.

◯ Wa

Warning

- Not all parking functions can stabilize the vehicle when the vehicle starts on the hill (for example, when the road is wet or frozen).
- The automatic parking function must be turned off before the vehicle enters the vehicle washing machine, otherwise, the electronic parking brake may open automatically, resulting in damage.

360° panoramic parking system

The 360° panoramic parking system processes the multiplex video image collected on the same time into a panoramic picture around vehicle body through the 4 wide-angle cameras installed around the vehicle to cover all views of the vehicle, and finally displays in the center console screen. It can let the driver real-time monitor vehicle front/rear/left/right video image, and avoid accident happening. The 360° panoramic parking image system seamlessly is spliced with 4 camera images, the objects at the seam will disappear, so make sure there is no object at the seam before driving.

Because the camera has a fixed angle of view, there is a blind area of 250mm in front of the vehicle and a blind area of 150mm behind the vehicle, and objects in the blind area are not visible. Therefore, before driving, please confirm if there is any object in the blind area to ensure the safety of driving.

0

Warning

- Failure to follow warnings and instructions regarding the proper use of the 360° panoramic parking image system can result in serious injury or accident.
- Although panoramic parking image system is a convenient function, it cannot replace the correct parking operation. Before operating the vehicle, check the parking environment and rearview mirrors to ensure safe movement and safe parking.
- The driver must pay attention while driving. Moving the vehicle carelessly may cause serious casualties.
- When parking, it is important to pay special attention to the children and small animals around the vehicle, because ultrasonic sensors do not always detect children, small animals

Warning

and objects.

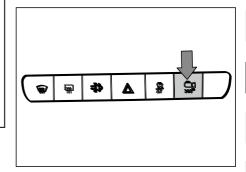
- When cleaning the dirt or snow on the front of the camera, pay attention not to scrap the lens of the camera.
- The objects at the seam will disappear, so make sure there is no object at the seam before driving to ensure the safety of driving.
- Because of the low night illumination, the 360° panoramic parking image system, affected by light intensity, may create "point" on the screen, which affects the surrounding image display effect. Please observe the situation around the vehicle before driving to ensure safety.
- In case of any malfunction of 360° panoramic parking image system, please contact JAC authorized after-sales service store for repair immediately.

Notice

- When driving in or out of the parking space, be careful not to knock against the bumper, or the sensor in the bumper may be displaced or damaged.
- When cleaning the vehicle with pressure hose and steam cleaner, the sensor can only be sprayed for a short time and the steam/hose nozzle must be kept away at least 10mm from the sensor.

How to operate the 360° panoramic parking image system

Turn on 360° panoramic parking image system



- 1. When the shift lever is put into the reverse gear (R), the system enters the rear view image screen by default.
- 2. Touch the switch on the multimedia display screen. When the vehicle is in "N" position, the system displays the "2D annular view" interface. When the vehicle is in forward gear, the system displays the "2D+ radar" interface.

,

2

3

4

5

6

Q

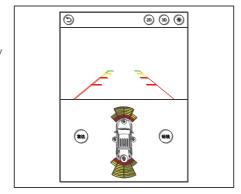
С

Turn off 360° panoramic parking image system

- 1. Switch the gear shift lever to the forward gear, when the vehicle speed is more than 15km/h for more than 3s, the system exits the display screen.
- 2. Click the left upper icon" (5) " on display screen to exit the display screen.

360° panoramic parking image system display interface

2D display screen



2D display screen switch

When the display screen is panoramic view, click the front/back/left/right area to switch to the corresponding "2D single view + radar".

When the display screen is "2D single view + radar", click the vehicle model in the radar area to switch to "2D view".

2D switched to 3D display

Click the right upper icon (a) on display screen to switch to "3D" display screen. Click the (a) icon, the interface switches back to the previous "2D" display screen.

3D display screen

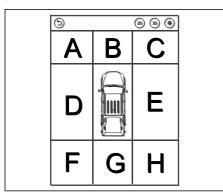


3D display screen switch

When displaying the "3D" panoramic picture, pull the left turning switch to change to the left view "3D" panoramic display. When the left turn switch signal exits, the screen returns to the previous "3D" panoramic display.

When displaying the "3D" panoramic picture, pull the right turning switch to change to the right view "3D" panoramic display. When the right turn switch signal exits, the screen returns to the previous "3D" panoramic display.

When displaying "3D" panoramic interface, you can switch to relevant "3D" view by clicking A/B/C/D/E/F/G/H area in the picture below.



Reversing radar system

The reversing radar system is based on the principle of ultrasonic distance measurement of the radar sensor to determine whether there are obstacles before and behind the vehicle, and to indicate the distance to the nearest obstacle.

Reversing radar system has two kinds, 4 radars system with 4 radars in vehicle rear part. 6 radars system with 2 radars in front part and 4 radars in rear part.

○ Warning

- The reversing radar system can not replace the driver's judgment to outside situations and the driver still needs to concentrate on parking or similar operations. Please keep observation on the surroundings all the time.
- Because of the blind zone of reversing radar system, please pay special attention to children and animals. The sensors cannot detect

\bigcirc

Warning

them on any occasions which may result in the risk of accidents.

- The reversing radar system only provides auxiliary function and cannot predict or avoid obstacles, so you must concentrate on driving.
- Reversing radar system may be affected by many environmental factors and conditions, resulting in that the system can not properly identify objects and people.
- Do not use the high pressure water to clean the vehicle sensor.
- It is forbidden to scratch on surface of sensor with sharp objects.
- With the reversing of the vehicle, an illusion may occur: the low obstacles that have been warned disappear from the detection range of the system. Therefore, the system will no longer issue warnings.
- Sometimes the system cannot detect

1

2

3

4

5

6

7

8

a



Warning

certain objects, such as chains, trailer tow bars, small painted vertical bars or fences, etc. . So if you do not pay attention, there will be a risk of accidents.

 When there are several obstacles, the reversing radar sensor only detect the nearest obstacle. When the vehicle is moving, please notice if the reversing radar sensor in other side has detected other obstacles.

! Notice

- If the sensor is covered by foreign matters(such as snow, rain, dust, mud, etc.), the system may not work.
- When the vehicle is traveling on rough roads such as forests, gravel roads, zigzag roads and slopes, the reversing radar system may be abnormal.
- When there are large interferences at the detecting range of the sensor(such as daylight lamp radiation, vehicle loudspeaker, metal noise, etc.), the system may fail.
- The sensor system may not recognize the cloth or sponge that can absorb the frequencies.
- If necessary, clean the dirty on the sensor surface with soft sponge and clear water.
- If the bumper height of vehicle or the installment of sensor is changed, the performance of reverse radar system will be influenced.

How to operate the reversing radar system

Turn on reversing radar system 4 radars system

Wen the start switch is "ON" position, shift to reversing gear, the reversing radar system is automatically turned on.

6 radars system

When the start switch is "ON" position, shift to reversing gear or turn on 360° panoramic parking image system, the reversing radar system is automatically turned on.

The system will conduct a quick self-test to ensure that the components are working correctly. The self-test results are shown in the table below:

| Self-test result | Buzzer |
|------------------|------------|
| Normal | Beep once |
| System fault | Beep twice |

Turn off reversing radar system

Switch the gear shift lever to the forward gear, when the vehicle speed is more than 15km/h for more than 3s, the reversing radar system will automatically be turned off.

Reversing radar system warning type

According to the different distance of the detected obstacles, the reversing radar system sends pulse signal with different frequencies to the buzzer. The sound frequency of the buzzer changes along it.

4 radars detection area

| Rear radar | | | Tweet | |
|----------------|----------------|-------------------------|------------|--|
| Middle | Two sides | Area | frequency | |
| > 1.5m | > 0.6m | Safe area | | |
| 1.0m~ 1.5m | / | Pre- warning area | 2HZ | |
| 0.6m~ 1.0m | / | Slow driving zone | 4HZ | |
| 0.35m~ 0.6m | 0.35m~ 0.6m | Warning area | 8HZ | |
| 0~0.35m | 0~0.35m | Dangerous area | Long blast | |

6 radars detection area

| Front radar | Rear radar | | A | Tweet |
|-------------|------------|------------|-------------------|------------|
| Two sides | Middle | Two sides | Area frequence | |
| > 0.6m | > 1.5m | > 0.6m | Safe area | |
| / | 1.0m~1.5m | / | Pre-warning area | 2HZ |
| / | 0.6m~1.0m | / | Slow driving zone | 4HZ |
| 0.35m~0.6m | 0.35m~0.6m | 0.35m~0.6m | Warning area | 8HZ |
| 0~0.35m | 0~0.35m | 0~0.35m | Dangerous area | Long blast |

Warning

• When the distance is less than 0.35m, the alarm sound becomes continuous. At this time, stop reverse the vehicle immediately.

4

5

6

/

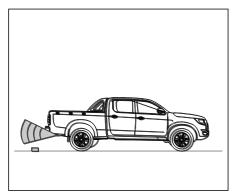
ξ.

9

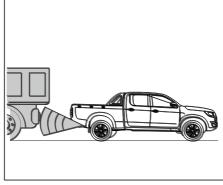
Reversing radar system abnormal condition

Please take care of the following conditions in which the reversing radar sensor may not trigger an alarm:

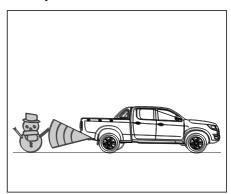
- The reversing radar sensor can not detect iron wire, cable, block net and other nets.
- 2. The reversing radar sensor can not detect rock, wood block and other short objects.



3. The reversing radar sensor can not detect the vehicle with a high chassis.

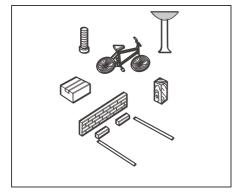


4. The reversing radar sensor can not detect soft snow, cotton, sponge and other objects that absorb ultrasonic easily.



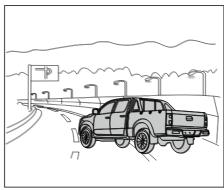
Starting and driving

5. The reversing radar sensor may not detect some obstacles in special shapes (such as: pillar, small tree, bicycle, cornerstone etc.).

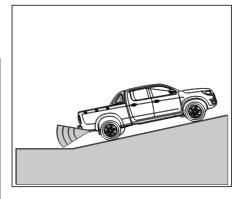


Please take care of the following conditions in which the reversing radar sensor may trigger an alarm by mistake:

1. If the reversing radar sensor is frozen, the reversing radar system may have a failure in alarm.



2. If the vehicle is on a steep slope, the reversing radar system may have a failure in alarm.



1

2

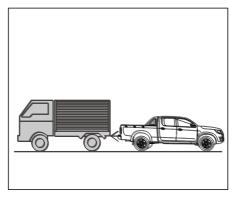
1

A

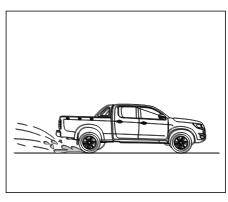
 $\overline{}$

Starting and driving

- 3. If the vehicle is equipped with a high-frequency radio or antenna, or if there is a high-frequency radio or antenna being used nearby, the reversing radar system may have a failure in alarm.
- 4. If the noises from other vehicles' horns, engines, exhausts and others get too close to the reversing radar sensor, the reversing radar system may have a failure in alarm.



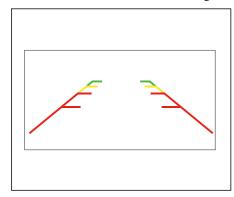
5. When you are driving in snow or rain, the reversing radar system may have a failure in alarm.



Please contact the JAC franchised aftersales service store for maintenance.

Reversing image system

Through the wide-angle camera installed in the rear of the vehicle, the information of the road behind the vehicle is clearly displayed on the multimedia display screen inside the vehicle when the vehicle is reversing. It allows the driver to monitor video condition behind the vehicle in real time to avoid accidents when reversing.



When reversing a car,you need to pay close attention to whether there is an obstacle in the image. A reverse aid line will also be displayed to help you better understand the distance between the obstacle and the vehicle.

| Obstacle distance(m) | Voice reminder | Area |
|-------------------------|-------------------|-------------------|
| 2~3 | Green solid line | Pre-warning area |
| 1~2 | Yellow solid line | Warning area |
| 0.5~1 | Red solid line | Warning area |
| ≤0.5 | Red dotted line | Dangerous area |

○ Warning

- The reversing image system is only an auxiliary system. Before reversing and in the process of reversing, it is necessary to confirm the surrounding conditions, and pay attention to safety in the process of reversing, because there is a blind area that cannot be observed through the camera.
- Keep the camera surface clean at all times, for the camera covered with

 \bigcirc

Warning

debris may not display the image properly.

- It may be difficult or impossible to see on the display screen due to the low resolution or dark light of certain objects (e.g. thin columns or railings). Do not entirely rely on the display screen when reversing.
- There is blind spot zone in the sensor, so that obstacles and people in the blind spot zone are not detected.
- Do not use hard objects to scratch the surface of the camera, and do not clean the lens with abrasive cleaning materials, otherwise the image quality will be reduced.
- Do not use warm or hot water to remove ice and snow from the camera lens. Otherwise, the lens may be damaged.

1

2

3

4

5

6

7

Q

9

(!) Notice

- The display screen can only display 2D images taken by the camera.
 Because the display cannot show the spatial depth, it may be difficult or impossible to detect potholes in the road or objects protruding from the ground.
- Cameras do not always detect objects such as thin railings, fences, pillars, trees, etc., which may damage vehicle.

How to operate reversing image system

Turn on reversing image system

When the start switch is "ON", shift the shift lever to the reverse gear, the reversing image system will be open, and the multimedia display screen inside the vehicle displays the rear picture of the vehicle.

Turn off reversing image system

Exit the reverse gear, the reversing image system is turned off.

Cruise control system(CCS)

When driving on straight and clear highway, cruise control system keeps the vehicle running at a set speed without stepping the accelerator pedal.

\bigcirc

Warning

- In order to avoid misoperation of the cruise control system, please turn off the cruise control system when not in use.
- Improper use of cruise control can lead to crash accident.
- Cruise control should only be used in good weather and road conditions.
 Cruise control system is not recommended in urban area, winding road, slippery surface, heavy rain, or other harsh weather conditions.
- Never use cruise control while driving on ramp.
- Prohibit the driver from leaving the driving position after the cruise control system is activated.



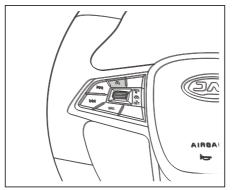
Warning

- If you want to slow down the vehicle as soon as possible after the cruise control system starts, press the brake pedal.
- Manual shift vehicle is prohibited to use the 1st gear for cruise control.

(!) Notice

- There may be some deviation between the current control speed and the actual speed displayed by the cruise control system.
- The performance of the cruise control system on a ramp depends on the speed, the load, and the slope of the road. When climbing a steep hill, you may need to step on the acceleration pedal to maintain speed. When going downhill, you may need to brake or drop to a low gear to maintain speed. When the brake is activated, the cruise control is canceled.

Using method of cruise control system



| Icon | Brief introduction of function |
|-----------|--|
| (4) | Activate cruise control system |
| RES | Recover or increase cruise speed |
| \propto | Cancel or turn off cruise control system |
| SET | Set or reduce cruise speed |

Activate cruise control system

Press the () button on the steering wheel, the cruise indicator lamp () (white) on combination instrument will be on, the cruise control system is activated.

Set cruise speed

- 1. Accelerate to the required speed (speed > 40km/h).
- 2. Turn the roller in the SET direction and the cruise control indicator lamp (on the instrument turns green. The vehicle speed at this time is the cruise speed.
- 3. Release the accelerator pedal, the vehicle will drive at the set speed.

Reduce cruise speed

You can use any of the following methods to reduce the cruise speed:

- Rotate the roller in SET direction and hold it. The vehicle will decelerate gradually and you can release the roller when the vehicle reaches at the desired speed.
- Shortly and repeatedly rotate the roller in SET direction. Each time you rotate the roller in this way, the cruise speed

1

2

3

4

5

6

7

8

a

decreases by 1.0km/h.

• Slowly press the brake pedal, and the cruise indicator lamp () on the instrument cluster lights up (white). After slowing the vehicle to the desired speed, turn the roller in the direction SET to set the new vehicle speed, and the indicator lamp () turns green again.

Increase cruise speed

You can use any of the following methods to increase the cruise speed:

- Rotate the roller in RES direction and hold it. The vehicle will accelerate gradually and you can release the button when the vehicle reaches at the desired speed.
- Shortly and repeatedly rotate the roller in RES direction. Each time you rotate the roller in this way, the cruise speed increases by 1.0km/h.
- Step on the acceleration pedal to accelerate the vehicle to the desired speed, and then rotate the roller in SET direction to set a new speed.

Increase the speed for the time being

If you want to accelerate temporarily during the speed setting, press the accelerator pedal. After accelerating, releasing the accelerator pedal will restore the set speed.

Cancel cruise

You can use any of the following methods to cancel cruise:

- Step on the brake pedal or the clutch pedal.
- Press the middle roller button to cancel the cruise control.

Restore cruise speed

After the cruise is canceled, the cruise control system is not turned off, the cruise indicating lamp (**) on the instrument is white. When the speed is no less than 40km/h, rotate the roller in RES direction, the speed will be automatically restored to the set speed.

Emission control system



Warning

- Modification of any part of the engine or emission control system is prohibited.
- Emission control system will be different according to different engine models. Please refer to actual vehicle for the specific configuration.

Oxygen sensor

Oxygen sensor is used to detect the concentration of oxygen in the exhaust gas and feed it back to the engine ECU. The engine automatically adjusts the engine's air-fuel ratio to achieve optimal fuel combustion efficiency and reduce the amount of carbon monoxide, hydrocarbons and nitrogen oxides in exhaust gas.

High pressure common rail system

High pressure common rail system is composed of high pressure fuel pump, fuel rail, fuel injector and controller. Compared with the traditional mechanical pump, the high pressure common rail system can realize accurate injection control, automatic adjustment of injection timing in all working conditions, and realize fault self-diagnosis and other functions. Fine injection control reduces emissions, improves engine performance, and reduces fuel consumption.

Diesel engine oxidation catalytic converter (DOC)

Diesel engine oxidation catalytic converter is an exhaust control device installed in the exhaust system. Oxidation catalytic converter is equipped with precious metal catalysts that convert harmful gas such as carbon monoxide, hydrocarbons and nitrogen oxides into harmless carbon dioxide, water and nitrogen through oxidation and reduction.

When catalytic converter is in normal use, maintenance and replacement is generally not required. For replacement, please go to JAC authorized after-sales service store.

Warning

- Do not use leaded gasoline, gasoline with excessive manganese content and gasoline with excessive sulfur content.
- Do not drive vehicle with very low fuel level, otherwise it will damage the catalytic converter.
- Do not idle the engine for a long time.
- Do not run the engine with the spark plug removed.
- It is forbidden to start the vehicle by pushing or towing.

Exhaust gas recirculation (EGR)

The exhaust gas recirculation device can introduce part of the exhaust gas in the exhaust pipe into the intake pipe and mix with fresh air to burn in the cylinder, so as to realize the exhaust gas recirculation and effectively reduce the emission of nitrogen oxides.

Diesel particulate filter (DPF) Function introduction

DPF is a filter device installed in the exhaust system of diesel engine, which mainly absorbs particulate matter in exhaust gas and can reduce environmental pollution.

Usage requirement of DPF

The vehicle must be supplied with Euro V standard diesel, sulfur content <10ppm. Lubricating oil: Use lubricating oil not less than API CJ-4 grade lubricating oil. No oil or fuel should flow into the catalytic converter during the daily maintenance of the engine.

1

2

3

4

5

6

7

8

a

Starting and driving

Driving Suggestions: It is recommended to avoid long-term low speed driving. If the vehicle runs at a low speed for a long time, it should run at a high speed for 10 minutes (> 40km/h) every 500km.

In the working process, the particles in the exhaust gas will accumulate in the filter. When it reaches a certain value, it will lead to the degradation of engine performance, such as power performance and economy. The deposited particles must be removed in time to ensure the normal operation of DPF, which is the regeneration of DPF. Regeneration methods include active regeneration and passive regeneration.

Passive regeneration

When the temperature in the DPF is higher than 250°C, passive regeneration can be carried out at any time without human control.

Active regeneration

Those requiring human intervention are called active regeneration, including driving regeneration, parking regeneration and service regeneration.

1. Driving regeneration

This process is controlled by the ECU, don't need active operation.

During driving, the DPF indicator lamp flashes, indicating regeneration. Increase the vehicle speed above 40km/h to ensure the normal operation of regeneration system.

As the DPF combustion temperature will continue to remain at a high level, in general, the engine coolant temperature indicator lamp will also be on, which is a normal phenomenon. When both lamps are off, the regeneration will end.

2. Parking regeneration

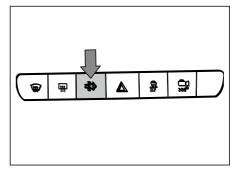
Driving regeneration occurs when the particles absorbed by DPF are small. If there are too many particles, driving regeneration cannot be processed by itself. At this time, the DPF indicator lamp is always on and parking regeneration is required.

Precautions before starting

- (1) The vehicle must be parked and the engine running at idle speed.
- (2) It is recommended to turn on the air conditioner to increase the engine load, which is beneficial to the exhaust gas temperature rise.
- (3) Gearbox is in neutral, clutch, brake and accelerator pedal are released.
- (4) The vehicle coolant temperature gauge has a scale of 1 grid or more.

If any of the above condition is unsatisfied, it will result in the termination of the regeneration process.

Start parking regeneration



- (1) When the engine runs for more than 20s, long press DPF regeneration switch for more than 3s, the regeneration system will start automatically.
- (2) When the regeneration system is started, the engine speed rises to 1500-2200rpm, and the duration of a complete regeneration is about 15-20min.
- (3) After the regeneration, the DPF indicator lamp will be automatically off, and the engine can be shut down after 2-3 minutes when the engine returns to normal idle speed.

(!) Notice

- If the DPF indicator lamp is still flashing after regeneration, it is recommended to perform the parking regeneration operation again.
- If you have to stop in an emergency, long press the DPF regeneration switch for more than 3 seconds.

3. Service regeneration

If the DPF indicator lamp is still flashing or always on after the completion of the two parking regeneration operations, it is necessary to go to the JAC franchised aft-sales service store to check and repair the DPF regeneration system.

○ Warning

• The company will not be responsible for any environmental problems or losses caused by failure to comply with the above requirements.

Various driving situations Do not drive vehicle after drinking alcohol

It's strictly prohibited to drive after drinking or taking drugs.

! Danger

- Alcohol, drugs, medicine or narcotics will affect the driver's driving behavior, easy to cause serious accidents, even death.
- Alcohol, drugs, medicine or narcotics will greatly weaken the driver's perception and reaction, seriously endanger the safety of driving, resulting in the vehicle losing control.

Night driving

Night driving is more dangerous than daytime driving since it's subject to night vision problems and fatigue. Please slow down and drive carefully.

1

2

3

4

5

6

7

8

(!) Notice

- Adjust the inner rearview mirror position in the car to reduce the glare of the rear vehicle front headlamp.
- Keep more distance from other vehicles.
- Slow down especially on the highway. The front lamp can only light the limited road ahead.
- When driving in remote areas, beware of animals.
- If you feel tired, rest stopping your car by the side of the road.
- Headlamps may temporarily blind you, and it takes a few seconds for your eyes to adapt to the dark environment. When you encounter blinding glare, the speed should be slowed down. Avoid looking straight into the headlights of the vehicle coming right in front.
- Keep the inside and outside surface of all the glasses clean. Dirty glass can aggravate light blindness at night.
- When the vehicle is turning, be sure to watch the road carefully.

City driving

When driving in urban areas, traffic is heavy. Pay more attention to the behavior of other drivers and pay attention to traffic lights.

(!) Notice

- It is best to drive at mid-to-low speed at an intersection or on a mixed traffic road, and prepare to stop at any time to prevent sudden changes of non-motor vehicles.
- Recognize traffic signs. When driving to the front of the intersection, slow down and select the correct route.

Driving on slippery roads in rainy days

Driving on slippery roads in rainy days is very dangerous, especially when you are not prepared for this wet road.

(!) Notice

- Driving when raining will make the vision worse and increase the braking distance, so be sure to slow down during the driving.
- If the vehicle's tires are in a poor condition, the brake on the wet road may cause the vehicle slipping or even lead to accident, so please keep your vehicle's tires in a good condition.
- If necessary, turn on headlamp and hazard warning lamp.
- If you think the brake is wet, please gently step the brake pedal till the brake is back to normal.
- After wade driving in the water, gently step the brake pedal to dry the brake.

Driving through deep water

In order to avoid damaging the vehicle while wading, please note the followings:

- 1. Estimate the water depth before wading driving, the maximum water level should not exceed 1/4 of the wheel height.
- 2. The maximum driving speed is 10km/h. If the speed is higher, it may form a wave in front of the vehicle, which may cause water to enter the engine intake system or other parts of the vehicle.
- 3. Don't park, reverse, or turn off the engine in water under any situation.
- 4. Low-speed passage through deep water areas with long distances. rapid passage through deep water areas with short distances.

Warning

- When you drive through water, mud and other roads, the braking effect may be decreased and the braking distance may be prolonged, and there is a risk of accident.
- After wade driving in the water, avoid immediate acceleration and emergency braking operation.
- After wade driving in the water, It
 is necessary to clean the brakes as
 soon as possible through intermittent
 braking and to restore it to be dry.
 Brake when the traffic condition
 permits to, let the brake to be dry
 and clean the brake disc, which can
 not affect other traffic participants
 and avoid traffic accidents.

① Notice

- Some parts of vehicle, such as engine, transmission, chassis or electrical system, can be severely damaged during wading.
- The wave that comes from the opposite side of the vehicle may be higher than the vehicle's allowable level
- Potholes, puddles, or rocks may be hidden in the water, which make wading driving harder or hinder it.
- Do not drive through the salt water which will lead to metal corrosion. Clean all the vehicle parts immediately which has contacted with the salt water.

Ramp and mountain driving

If you often drive on a steep mountain road or you plan to go there, the following tips will make your trip safer.

Keep the vehicle in good condition

When driving on the ramps and mountain road, the vehicle has heavy load. Please check all liquid level and brakes, tires, cooling system and transmission, to keep the vehicle in good condition.

Master downhill skills well

When running in the steep slope or long slope, you should reduce the gear to slow down. It's forbidden to sliding driving with the neutral gear.

Pay attention as you drive over the top of the slope

- 1. Be especially careful when drive over the top of the slope. There may be obstacles in your lane.
- 2. When driving on a two-lane ramp or mountain road, do not change lanes at will, and maintain proper speed and distance.

Pay attention to the warning signs on the road sides

Special warning signs may be seen on mountain roads (such as long slope, overtaking area or prohibited overtaking area, falling rock area or corner). When driving, be aware of these warning signs and take appropriate measures.

\bigcirc

Warning

- When downhill, high intensity braking will lead to the brake overheating and failure, resulting in vehicle out of control and accidents. When driving down on the long slope, tap the brake and control the speed with a low gear.
- It is very dangerous to slide in neutral gear or flameout when going downhill. Brake overheating reduces braking performance. Therefore, when running downhill, the engine must be kept running and the vehicle must not be in neutral gear.
- Don't try to turn around when driving on the steep slope. Use reverse



Warning

gear to get back, otherwise you risk overturning the vehicle.

• If the vehicle has the risk of tipping when driving on a slope, you must immediately turn the vehicle to the direction of a gentle slope.

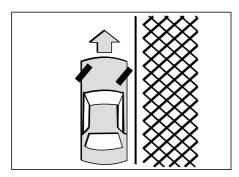
Notice

- When the slope degree is over 15°, it is recommend to use low gear (1st, 2nd) to climb the slope to avoid the insufficient power.
- Do not park the vehicle on particularly steep slope.

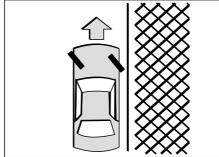
Ramp parking

Parking brake operation steps:

- 1. Apply parking brake.
- 2. Keep the gear shift lever at neutral gear position.
- When parking on a ramp, it is best to turn the wheels, as shown in the picture.
 (1)When headed downhill parking with curb, turn the wheel towards the curb and move the vehicle forward until the wheel on the side of the curb gently touches the curb, and then apply parking brake.



(2) When headed uphill parking with curb, turn the wheels away from the curb and move the vehicle back until the curb side wheel gently touches the curb, and then apply parking brake.



(3) When parking uphill or downhill, there is no curb stone, when uphill, shift the gearbox gear to the 1st gear position. and when downhill, shift the gearbox gear to the reverse position, and then apply the parking brake.

Driving in cold weather

Warning

- Keep a longer distance from the vehicle in front when driving on the slippery road.
- Ice and snow road is very smooth, and difficult to drive. The traction or grip gained by the vehicle in this situation is greatly reduced. Avoid to drive on the ice and snow road.
- When driving on the ice and snow road, try not to brake and avoid any sudden steering.
- Do not use cruise control on slippery roads.

1

つ

2

4

5

6

7

0

С

Battery

In particularly cold climates, if the battery is undercharged, the battery fluid can freeze and damage the battery. In order to ensure the efficiency of the battery, the battery should be regularly inspected.

Replace high-quality coolant

It is necessary to use the cooling liquid of the specified type and ensure that the cooling solution is replaced and added according to the maintenance requirements. During the winter, the coolant should be checked to confirm whether its freezing point is suitable for the winter expected temperature.

Replace winter engine oil

At certain temperature in the cold winter, the low viscosity winter engine oil is recommended. If you are not sure which oil you need, please consult JAC authorized after-sales service store.

Check wiper blade

Before operating the wiper, check whether or not the wiper blade is frozen on the windscreen. If the wiper blade is frozen, wait till the ice is completely melted, and the wiper blade can move freely.

Check air conditioning vents

The air conditioning vents should be cleaned after heavy snowfall.

Preventing lock from freezing

In order to prevent the lock from freezing, you can fill the deicing fluid or glycerin into the keyhole. If the keyhole is covered with ice, spray the deicing fluid toward it to clear the ice.

Tire equipment

- If snow tires are installed on the front/ rear wheels of the vehicle, the size, load range, construction and type of the front/rear tires shall be the same.
- If driving in harsh winter conditions, snow tires should be installed on all four wheels.
- 3. To increase traction over the ice, use a tire with a anti-skid nails. However, some areas prohibit the use of tires with anti-skid nails. Therefore, before installing tires with anti-skid nails, you should first understand the relevant local

laws.

4. If necessary, you can use tire anti-skid chain. Make sure the size of the antiskid chain is suitable for your vehicle's tire size and follow the manufacturer's instructions for the installation of the anti-skid chain.

Special equipment in winter

The following equipment is recommended for winter driving:

- 1. Scraper and hard brush for removing ice and snow from windows.
- 2. A solid spade that can firmly support the jack.
- 3. A shovel used to dig the vehicle out of snowdrift.

Anti-corrosion

The chemical preparation used for road deicing is very corrosive, which will accelerate the corrosion and damage of parts at the bottom of the vehicle body. The bottom of the vehicle body must be cleaned regularly.

Road hypnosis

On a gently stretched road, you can only see the same scenery, hear the monotonous sound of tires or wind blowing through the vehicle. This may make you sleepy. The following tips will helpful for you:

- 1. Ensure that the vehicle is well ventilated and the interior environment is comfortable.
- 2. Do not stare in one direction with your eyes. Regularly check the mirrors and gauge information.
- 3. If you feel sleepy, please stop and rest.

2

2

4

,

A

7

Q

r



A/C and infotainment system

5

2

3

4

5

A

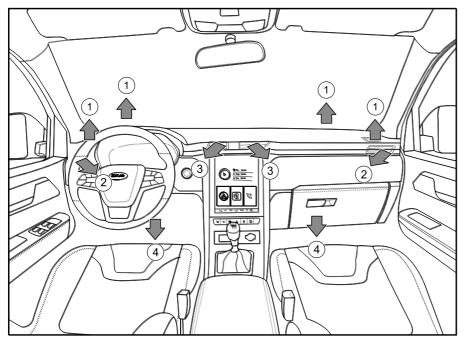
,

)

 $^{\circ}$

| Air outlet | .138 |
|-------------------------|-------|
| Vent adjustment | .139 |
| Air conditioning system | . 139 |
| Manual A/C system | . 140 |
| nfotainment system | . 143 |

Air outlet



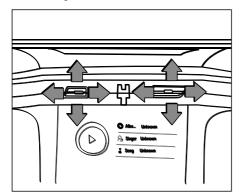
5 5

5. Rear row AC outlet

- 1. Front windshield defrosting vent
- 2. Side air outlet

- 3. Central air outlet
- 4. Foot vent

Vent adjustment



Move the paddle in the center of vent to any direction to adjust the direction of airflow

(!) Notice

 Do not put food, medicines or any other thermally sensitive items in front of the air vent. Otherwise, the food or medicine may be spoiled or damaged.

Air conditioning system

The A/C system heats, cools and dehumidifies the air inside the vehicle. The air-conditioning system works best with the windows. However,if the temperature in the vehicle is very high after exposure to the sun, the windows should be opened during the the A/C system is working to quickly exhaust the hot air in the vehicle and accelerate the cooling effect.

Warning

- Do not use recirculated air mode for a long time, because fresh air cannot enter. When the air is cloudy, the driver is easy to be tired, depressed and distracted, which is easy to cause accidents.
- Be sure to use the A/C system correctly to ensure that all windows have a clear view.
- If a fault is suspected in the A/C system, it is necessary to immediately shut it down to avoid further damage to the A/C system, and contact JAC authorized aftersales service store for maintenance as soon as possible.

! Notice

- Only when the power system is running can the A/C system work.
- The air vent in front of the front windshield should be clear and not be blocked by objects such as ice, snow or leaves, so as to ensure the normal operation of A/C system.

1

2

3

4

5

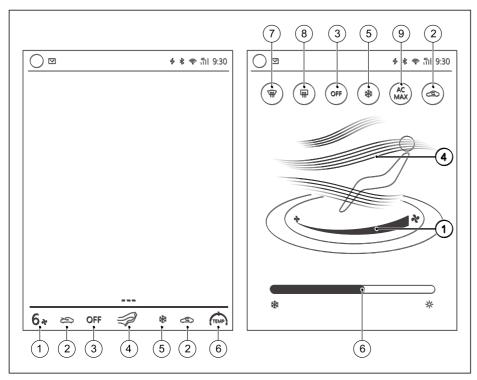
6

 $\overline{}$

 \cap

Manual A/C system

A/C operation keys are all integrated in the multimedia display. The status bar at the bottom of the main bar has the usual operation button of air conditioning. Slide up the status at the bottom to enter the full screen popover display.



A/C and infotainment system

| No. | Icon | Function name | Function Instruction |
|-----|--|------------------------|---|
| 1 | I Fan speed control | | Adjust the air volume of A/C: the larger the number, the higher the fan speed. |
| 2 | Air internal and external circulation regulation | | Click the icon to switch air circulation mode. When the icon shows , it indicates outside mode. When it shows , it indicates recirculated air mode. |
| 3 | ON OFF | Turn on/off A/C system | When the A/C is turned on, it displays "ON". Click the icon to turn off the A/C system. When the A/C is turned off, it is displayed as "OFF". Click the icon to turn on the A/C system. By default, it will return to the latest state. |
| 4 | | Air flow control | Click to control air flow mode, there are six modes. Air flows to the upper body. Air flows to the upper body and feet. Air flows to feet. Air flows to front windshield and feet. Air flows to front windshield. |

,

Q

 \cap

A/C and infotainment system

| 5 | * | Turn on/off A/C compressor | Click the icon to turn on/off A/C compressor. |
|---|-----------|----------------------------------|---|
| 6 | TEMP | Temperature setting | A/C system temperature setting. When cooling is required, the A/C compressor must be turned on. |
| 7 | # | Front windshield defrost | Click icon to turn on the front windshield defrost function. The air blows directly onto the front windshield, and the compressor automatically starts to work to increase outside air volume. |
| 8 | 111 | Exterior rearview mirror heating | Click icon to turn on the rearview mirror heating function, it will automatically turn off after working for 20 minutes. |
| 9 | AC MAX | Maximum cooling mode | Click the icon to turn on maximum cooling mode. The compressor starts to work automatically to the maximum cooling effect with the highest fan speed under the recirculated air mode. Automatically adjust the temperature to the lowest. |

Infotainment system

Infotainment system includes bluetooth, radio and other functions. Please refer to the separate infotainment system manual for detailed instructions.

,

2

?

4

5

A

a



Emergency situation

| Danger warning device | 146 |
|--|-----|
| Hazard warning flasher | 146 |
| Triangle warning plate | 146 |
| Tire leaks air quickly 1 | 147 |
| Tire pressure monitoring system alarms | 147 |
| Replace spare tire | 148 |
| Secure parking | 148 |
| Preparation tool | 148 |
| Remove the spare tire | 149 |
| Block the wheels | 150 |
| Remove the tire | 150 |
| Install spare tire | 152 |
| Store damaged tires and tools | 153 |

| Using of extinguisher | 15 |
|--------------------------------|----|
| Jump start | 15 |
| Instruction | 15 |
| Preparation | 15 |
| Start | 15 |
| Push start | 15 |
| Trapped car to release | 15 |
| Vehicle towing | 15 |
| Emergency in driving condition | 15 |
| Engine stall | 15 |
| Engine cannot be started | 15 |
| Engine overheat | 15 |

.

3

4

5

റ

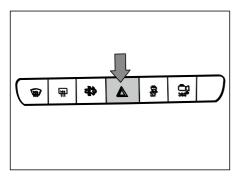
,

,

0

Danger warning device Hazard warning flasher

There is a triangle mark on the hazard warning lamp switch, as shown in the picture.



The hazard warning lamp will flash unless the battery runs out of power. Press the hazard light switch and all steering lights will flash. Press again to turn off the hazard warning lamp.

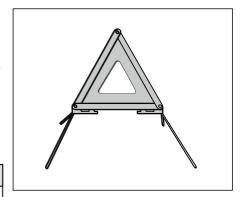
Hazard warning flash should be activated to warn other drivers in the following situations:

- 1. You are in an emergency or dangerous situation.
- 2. Your vehicle is in an insecurity state due to a failure.
- 3. You drive the vehicle in rain, snow, fog or low visibility environment.
- 4. You have to stop the car in an unsafe parking zone for troubles.

(!) Notice

- When the hazard warning lamp is on, the steering lamp has the priority to the signal of turning or lane change. After turning off the turn signal switch, the hazard warning lamp continues to flash.
- If it is not necessary, do not turn on the hazard warning lamp for a long time when the power system is shut down to avoid the power run out of the battery.

Triangle warning plate



The triangle warning plate is stored in a red box. Under the passenger seat. In case of sudden trouble stop for maintenance or an accident on the road, the vehicle cannot be moved to the safe parking area, the hazard warning lamp should be turned on and the triangle warning plate should be placed in the direction of vehicle coming. The light reflecting ability of triangular warning board can remind other vehicles to pay

attention to avoid, so as to avoid the occurrence of a second accident.

Suggestions on triangle warning plate placement position:

- 1. On general roads, place it 50 meters away in the direction of vehicle coming.
- 2. On the highway, place it 100 meters away in the direction of vehicle coming.
- 3. For special circumstances, such as rain or fog, or at a corner, place it 150 meters away in the direction of vehicle coming.

○ Warning

 When the vehicle fails to stop in the safe parking area, all personnel on the vehicle must get off and wait in the safe place, to avoid secondary accidents resulting in personal casualties.

Tire leaks air quickly Tire pressure monitoring system alarms

Warning (

- During driving, if the warning indicator of abnormal tire pressure (!) is on, avoid sudden turning or emergency braking. You should slow down, get off the road to a safe place and stop as soon as possible. After adjusting the tire pressure, if the lamp is still on during driving, there may be a flat tire. If there is a flat tire, replace it with a spare tire as soon as possible.
- Since the spare tire is not equipped with TPMS, when the spare tire is installed or the tire is replaced, the TPMS system will not work and the warning indicator of low tire pressure (!) will flash for about 1 minute. For tire replacement and system reset, please contact the JAC authorized after-sales service store.

\bigcirc

Warning

- The replacement of tires not originally designated by JAC will affect the normal operation of TPMS system.
- Do not inject any liquid or airsoluble sealant into the tire, because it will cause the tire pressure sensor failure.

The tire pressure monitoring system can monitor the pressure of all tires except the spare tire. When the abnormal tire pressure warning indicator (!) on the meter is lit, it indicates that there is a fault of overpressure, low pressure or high tire temperature. At this point, do not swerve or make an emergency stop. You should slow down, get off the road as quickly as possible to a safe position and stop, check the condition of the tires.

When the TPMS system malfunctions, this lamp TPMS will be on. Please stop the vehicle and contact JAC authorized after-sales service shop.

1

2

3

4

5

6

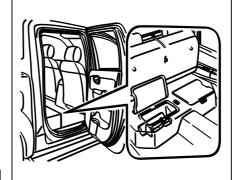
Replace spare tire Secure parking

- 1. Turn on the hazard warning lamp.
- 2. Get the vehicle safely off the road and away from traffic.
- 3. Park the vehicle on a flat surface and apply parking brake, close the engine.
- 4. Get all passengers off the vehicle and stand in a safe place away from other vehicles.
- 5. If the car is equipped with reflective vest, wear it if necessary.
- 6. Place a triangle warning plate.

○ Warning

- Do not replace tires when the vehicle is on a slope, icy or slippery road.
- Do not replace tires if oncoming traffic is close to your vehicle. Please contact professional road rescue personnel.

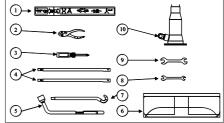
Preparation tool



The tool kit is placed under the left rear seat.

Tool kit introduction

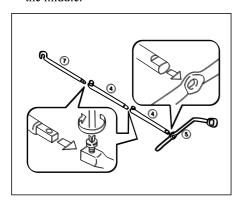
Different vehicle configurations may have different tool kits.



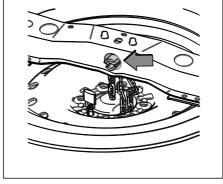
| No. | Name | Amount |
|-----|----------------------|--------|
| 1 | Triangle warning box | 1 |
| 2 | Slipper | 1 |
| 3 | Screwdriver | 1 |
| 4 | Lifting poker | 2 |
| 5 | Wheel nut wrench | 1 |
| 6 | Tools | 1 |
| 7 | Rocking handle | 1 |
| 8 | Spanner | 1 |
| 9 | Spanner | 1 |
| 10 | Jack handle | 1 |

Remove the spare tire

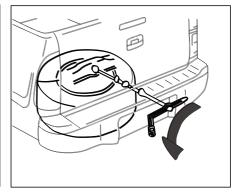
1. Combine the two lifting pokers ④, rock handle ⑦ and wheel nut wrench ⑤ together as shown in the figure to form a combined rocker, fixed with screws in the middle.



2. Insert the rock handle ⑦ of the combination rocker into the central oval opening under the rear door panel and get stuck in the opening slot of the spare tire lift under the vehicle.



3. By turning the wheel nut wrench ⑤ counterclockwise at the other end of the joystick, the spare tire will slowly fall from the chassis to the ground and take it out.



4. Follow the opposite sequence of the taking out procedures to place.

1

2

3

4

5

6

 $\overline{}$

0

a

Block the wheels

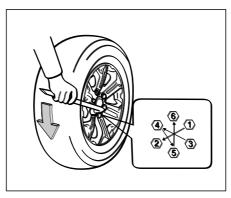
Place a suitable block in front of and behind the diagonal wheel of a flat tire to prevent the vehicle from moving when jacked up.

○ Warning

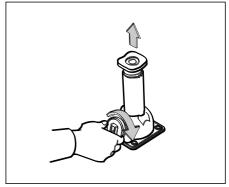
• Be sure to block the corresponding wheels to prevent the vehicle from moving, which may cause personal injury.

Remove the tire

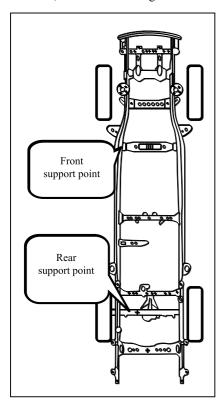
1. Loosen the wheel nut counterclockwise with the wheel nut wrench as shown in the figure and do not remove it.



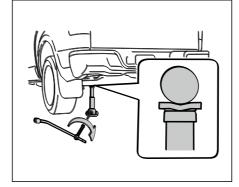
2. Turn the adjusting knob of the jack clockwise so that the height of the jack is close to the lifting position of the vehicle body.



3. Find the jack supporting point of the vehicle, as shown in the figure.



4. Place the jack on a flat and hard ground, adjust the position of the jack so that it is directly under the supporting point of the vehicle, and make the top of the jack contact with it at the supporting point.



- 5. Jam the handle of the combination rocker when unloading spare tire to the rock handle (7) of the jack.
- 6. Turn the jack handle clockwise and carefully raise the vehicle until there is a certain clearance between the tire and the ground, then remove the wheel nut after the tire is off the ground.
- 7. Remove damaged tires, and start to replace the spare tire.

Warning

- Be sure to read and follow the instructions in this chapter.
- Do not enter under the vehicle supported by the jack.
- Do not use any jack that is not equipped with this vehicle.
- The jack equipped on the vehicle is only used to lift the vehicle when replacing the tire.
- Do not lift the vehicle outside the designated support point.
- Do not lift the vehicle when it is not necessary.

1

2

3

4

5

6

7

8

С

Emergency situation

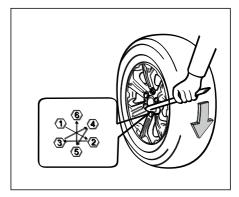
\bigcirc

Warning

- Do not use cushions above or below the jack.
- When the vehicle is jacked up, turn off the power system and apply a firm parking brake. Otherwise, the vehicle may move suddenly, which may lead to the accident.
- Do not allow passengers to stay in the vehicle when the tire is lifted off the ground.
- Be sure to read the notice label on the jack before use.

Install spare tire

- 1. Remove all dirt or dust from the surface of the wheels and hubs.
- Install the spare tire carefully and pretighten left wheel nut clockwise (pretighten the right wheel nut clockwise).
 Check whether all wheel nuts are in horizontal contact with the wheel surface.
- 3. Rotate the jack handle clockwise, slowly lower the vehicle till the tires touch the ground.
- 4. Tighten the wheel nuts with the wheel nut wrench in the order shown in the diagram, and then pretighten them in turn. The tightening torque of the front and rear wheel is 130±10 N·m.



5. Lift down the vehicle totally, and take out the jack.

$\overline{\bigcirc}$

Warning

- Wheel nuts must be tightened to the required torque at all times. It is recommended that the wheel nut be tightened to the specified torque each time the lubricating oil is changed.
- Improper use of spare tire may lead to loss of control of the vehicle, causing a crash or other accidents, resulting in casualties.
- Do not use wheel nuts that are not equipped with the vehicle. The use of incorrect wheel nuts or improper tightening of the nuts may cause the wheels to loosen or disengage from the body of the vehicle, which may lead to accidents.
- Do not use oil or grease on wheel studs or nuts. Otherwise it will loosen the wheel nut.
- Do not use the spare tire that has been damaged or completely worn.
- If the size and model of spare tire are not completely consistent with the original tire, the driving speed

\bigcirc

Warning

- shall not exceed 80km/h. Avoid rapid acceleration, emergency braking or sharp turns.
- If the spare tire is installed on the drive axle, the driving distance shall not exceed 200km. Standard wheels should be replaced as soon as possible. The spare tire structure is only suitable for short driving time.
- Do not use more than one spare tire at the same time.
- Non-full-size spare tire shall not be equipped with anti-skid chain.
- After installing the tire, the tire pressure should be checked immediately. The tire pressure monitoring system will alarm. At this time, the spare tire should be replaced at the JAC franchised aftersales service store.

Store damaged tires and tools

Store jacks, tools and damaged tires properly in the storage area of the rear-row seat.

\Diamond

Warning

 Make sure the tires, jacks and tools are properly stored after use.
 Otherwise in the event of an accident or emergency braking, these items will be thrown out. 1

つ

 $\overline{}$

1

5

2

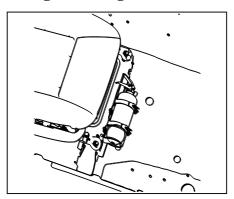
7

Q

 \circ

153

Using of extinguisher



When the vehicle is equipped with fire extinguisher, the bracket of the fire extinguisher is located under the copilot seat. The bracket of the fire extinguisher can be installed with the size of less than 2kg.

Rotate the right side handle of the fire extinguisher bracket, put the fire extinguisher, and then rotate counterclockwise the handle to fix the fire extinguisher.

! Notice

- There is difference in the size of the fire extinguisher, the position of the fire extinguisher can be adjusted properly when installing the fire extinguisher to better press the fire extinguisher.
- Fire extinguishers must be equipped and regular inspected in accordance with local laws and regulations.

Jump start

Instruction

If the battery has run out of power or is not enough to start the vehicle, you can try to start your vehicle with another vehicle and jumper cables.

\bigcirc

Warning

- The battery has an explosion hazard. You may be burned by battery acid, and an electrical short can also cause personal injury or damage to the vehicle.
- Do not make battery close to sparkle or fire.
- Do not lean over to battery's top side while jump-starting the vehicle.
- Do not make cable terminals contact with each other.
- Please wear the protective goggles while operating the battery.
- Do not make acid liquor contact with eyes, skin, fabric or paintwork.
- Make sure the battery used for jumpstart has the same voltage with original one's.

Preparation

- 1. Shift to the neutral gear.
- 2. Start parking brake.
- 3. Turn off all electrical accessories.

Caution

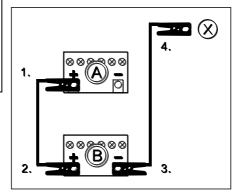
- Before jumping start the vehicle, turn off the sound system. Otherwise, it will damage the sound system.
- Make sure the jumper cables are in place and do not go around the rotating parts on the engine, otherwise it will damage the vehicle and cause personal injury.

Start

Color mark on jumper cable

The positive cable is usually red. The negative cable is usually black, brown, or blue.

When you jump start the vehicle, connect the jumper cables in the following order:



A: Feed or discharge trolley battery B: Power supply or normal battery

- 1. One end of the positive cable (+) is connected to the positive (+) battery of the discharged car battery A.
- 2. Connect the other terminal of the positive cable (+) to the positive (+) terminal of the battery B.
- 3. One end of the negative electrode cable
 (-) is connected to the negative electrode
 (-) of the battery B for power supply.
- 4. Connect cathode cable's another end (X) to the vehicle that needs power. Please keep cathode cable away from battery A. It cannot be connected to the negative pole of car A. Otherwise, the battery may be overheated or cracked, and the electrolyte may flow out.

After connecting the jumper cable, start the power supply vehicle and charge the power supply battery B. After the discharge vehicle is started, carefully remove the jumper cables in the order of 4-3-2-1, and keep the vehicle A in the READY state for more than 20 minutes to charge the battery.

1

2

3

4

5

6

7

Q

С

Push start

Do not try to start your vehicle by pushing. Otherwise, it will cause damage to the vehicle parts or even cause an accident.

Trapped car to release

\bigcirc

Warning

- Do not let the tire rotate idly at high speed. Otherwise, it may cause the tire to explode leading to serious injury. Car parts can also be overheated and damaged.
- When the vehicle is stuck in the sand, snow, mud or other soft road surface and cannot be pulled out without traction, please use the front tractor to pull the vehicle.

When the vehicle is stuck in the sand, snow, mud or other soft road surface, please follow these steps to get out of the vehicle:

- 1. Close the vehicle ESC function.
- 2. Turn the steering wheel left and right to clear an area around the front tires.
- 3. Switch the drive mode to "4L".
- 4. Slowly rock the vehicle forward and backward repeatedly, reduce the idling of the wheels as much as possible, and apply the accelerator as little as possible.
- 5. If you can't get out of trouble after a few tries, use the front tractor to pull the car.

Vehicle towing

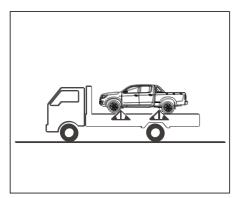
Vehicle traction must comply with local traction regulations.

If the following occurs, it indicates a driving system failure. Before towing the vehicle, contact JAC authorized after-sales service store:

- 1. Although the power system is working, the vehicle cannot move.
- 2. Unusual noise occurs.

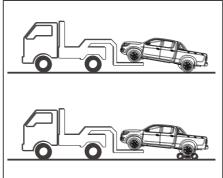
When the vehicle needs towing, we suggest to use lift truck or flatbed truck, and please try to entrust it to JAC authorized aftersales service store or professional vehicle towing company for help.

Use flatbed truck to tow vehicle



When towed by a flatbed truck, the vehicle must be locked firmly, as shown in the picture.

Use lift truck to tow vehicle



The rear wheels and axle must be in good condition when towed from the front. The parking brake must be released and the vehicle should be locked firmly.

Emergency in driving condition

Engine stall

- 1. Gradually decelerate and keep a straight line running. Carefully drive the vehicle out of the road and park it in a safe area.
- 2. Turn on hazard warning light.
- 3. Try to restart the engine. If you cannot start the engine, please contact JAC authorized after-sales service store and have a check on the car as soon as possible.

2

3

4

7

6

0

 \overline{a}

Engine cannot be started Engine cannot run or run slowly

- 1. Check the battery connections to make sure they are clean and secure.
- 2. Switch on the vehicle lights. If the light is dim or off when operating the starter, the battery is in low power.
- 3. If it is not possible to start the vehicle by pulling or pushing, refer to the jumper start instructions.

Engine normal, but unable to start

- 1. Check fuel level.
- When the start switch is in the "LOCK" position, check all connectors in the ignition coil and spark plug and reconnect the separated or loose parts.
- 3. Check the fuel pipe line in the engine compartment.
- 4. If the engine still cannot start, please contact JAC after-sales service shop for engine compartment inspection

Engine overheat

- If the thermometer indicates that the engine is overheating, the power output of the engine will decrease. Or if you hear a knock, it could be that the engine is overheating. In this case, please do the following:
- 1. For safety, please drive the car to a safe place on the roadside and stop as soon as possible.
- 2. Put the gearshift in neutral and apply parking brake. If the air conditioning is running, turn it off.
- 3. If engine coolant flows out or steam escapes from the hood, stop the engine. Wait until the coolant no longer flows or no steam escapes, then open the engine hood. If there is no cooling fluid outflow or steam emission, keep the engine running and check to see if the engine cooling fan is working. Shut off the engine if it is not working.
- 4. Check whether the pump belt is tensioned, and if there is no problem with the belt, check whether the coolant leaks from the radiator and hose (if the

- air conditioning has been used, cold water flowing out is normal when parking).
- 5. If the pump belt is damaged or the engine coolant leaks, stop the engine immediately and contact JAC authorized after-sales service store or for inspection and maintenance.
- 6. If you cannot find the cause of overheating, please wait until the engine temperature drops to normal to check the engine coolant. If engine coolant is inadequate, please refill coolant to the level between maximum and minimum line.
- 7. Run the engine and watch for signs of overheating again. If so, please contact JAC authorized after-sales service store for inspection and maintenance.

\bigcirc

Warning

 Serious lack of coolant indicates cooling system leakage, please contact JAC authorized after-sales service store for inspection and maintenance as soon as possible.

Cleaning and maintenance

| Cleaning and maintenance instructions | 160 |
|--|-----|
| External cleaning and maintenance | 161 |
| External cleaning | 161 |
| Waxing and polishing | 162 |
| Vehicle bottom | 163 |
| Clean windows and outside rearview mirrors | |
| Clean the wheel | 164 |
| Interior cleaning | 165 |
| Rust proofing treatment | 167 |
| Common factors of vehicle corrosion | 167 |
| Environmental factors affecting corrosion | |
| Vehicle anti-corrosion | 167 |

2

3

1

-

A

7

2

a

Cleaning and maintenance instructions

Regular professional maintenance helps maintain the value of the vehicle, and this is also one of the conditions for making claims for body corrosion and paint damage.

In order to facilitate your vehicle maintenance, JAC authorized after-sales service store are equipped with a series of maintenance materials specially designed for this vehicle. Please read the instructions on the outer package of the materials carefully before using them.

\bigcirc

Warning

- The vehicle maintenance materials may toxic and harmful, and improper use may lead to poisoning or damage to the vehicle.
- Improper maintenance and cleaning of automobile parts may affect the safety equipment of the automobile, resulting in injuries.
- Detergent approved or recommended by the company shall be used.

\bigcirc

Warning

- Vehicle maintenance materials must be stored in a safe place, to prevent children from contact, so as to avoid accidental poisoning.
- Do not store the vehicle maintenance materials in non-original containers such as bottles and cans filled with food, so as to avoid accidental poisoning.
- Read and follow the instructions and safety warnings on the outer package before using the maintenance material
- If hazardous fumes are emitted from materials, they must be used outdoors or in well-ventilated areas.
- Do not use fuel, engine oil, or other volatile liquid to clean or maintain your vehicle, as the above materials are toxic and highly flammable, which can easily cause fire and explosion.

(!)

Notice

- Detergents containing solvents will corrode and may damage the material.
- When the vehicle surface is in a dry state, do not try to remove dirt, mud or dust on it. First soak the dirt with plenty of clear water. Do not use dry cloth or plastic foam when cleaning vehicle surfaces as they may damage paint or glass.



Environmental Protection

- Only clean the vehicle at the designated vehicle washing point to prevent sewage contaminated by oil, grease and fuel oil from entering the sewer. In some areas, it is forbidden to wash a car anywhere but at such a spot.
- Please choose environmental-friendly materials for maintenance.
- The remaining maintenance materials shall not be treated as household garbage. Please dispose the remaining maintenance materials according to the instructions on the package.

External cleaning and maintenance

External cleaning

For insects, bird droppings, resins, road dust, industrial dust, tar, soot, non-slip salts, and other corrosive materials, the longer they remain on the body surface, the greater the damage to the paint, and the higher temperature will further aggravate the corrosion effect. The bottom of the vehicle must also be thoroughly cleaned regularly.

\bigcirc

Warning

- Be sure to shut off the power system before cleaning or maintaining the vehicle, and firmly apply parking brake.
- When cleaning the bottom of the vehicle or the inside of the wheel cover, be sure to pay attention to the parts with sharp edges and corners, and don't let the sharp parts scratch your hands and arms.

Warning

- Please prevent nozzle from flushing on air inlet directly when cleaning.
- After cleaning the vehicle, the brake disc and brake friction disc may be affected by moisture or ice (in winter), so the brake may lag and the braking distance will be prolonged. Tap the brake pedal several times to remove water and ice from the brake. Care must be taken not to interfere with the operation of passing vehicles or to violate regulations.

1

2

2

1

5

6

7

Q

a

Cleaning and maintenance

Notice

- The temperature of the cleaning water shall not exceed 60°C.
- To avoid damaging the body paint, avoid cleaning the Vehicle under the hot sun.
- Do not wash your vehicle with strong household soap, detergent, gasoline or solvent.
- Do not clean the vehicle with insect sponges, rough kitchen sponges or similar cleaning tools. otherwise, the body surface will be damaged.
- Do not clean the headlamp with a dry cloth or sponge. It is better to clean the headlamp with a soapy wet cloth or sponge.
- Instructions for vehicle cleaning in cold weather: if you use a hose to wash a vehicle, do not flush the hose against the keyhole or the gap in the door, cargo cover or hood to avoid icing on the keyhole and sealing strip.

Waxing and polishing Waxing

Regular waxing helps to protect the body paint. After cleaning the vehicle body surface without obvious water drops rolling off the body paint surface, you can use a high-quality wax solution on it.

To protect the body paint effectively, it is recommended to apply high quality hard wax at least twice a year, even if the wax solution is often used to protect the body paint.

(!) Notice

- Wash your vehicle thoroughly before waxing.
- Wax must be done in accordance with the wax instructions provided by the manufacturer.
- Do not use waxes containing abrasives, coarse polishing pastes or detergents to avoid damaging the gloss of the vehicle's paint.
- It is recommended to wax a new vehicle after six months.

Polishing

When the paint darkens, it is necessary to polish the body paint even if waxing can not restore its luster.

(!) Notice

- To avoid damage, do not wax or polish plastic parts, headlamp glass and rear lamps sprayed with matt paint.
- Do not polish the vehicle when it is dirty or in a dusty environment.
- If the polish does not contain antiseptic, it must be waxed after polishing.

Vehicle bottom

Special techniques have been applied on vehicle chassis, but the damage is inevitable. We suggest you to check the protective layer on vehicle's bottom part and chassis, and repair if necessary. The repair and other anti-corrosion procedures must be carried out in JAC authorized after-sales service store.

In areas where road salt is used in winter, the bottom of the vehicle should be cleaned regularly to prevent the accumulation of dust and salt from accelerating the corrosion of the underside and suspension of the vehicle. Before the arrival of winter and in the spring, the vehicle must be checked for sealing and, if necessary, reprocessed.

Exhaust pipe and muffler

Visually inspect the damage of exhaust muffler and hanger. Start the engine and listen carefully for any abnormal noise of waste gas leakage. Tighten the connector and replace it if necessary.

When the engine is running, do not touch any component of exhaust system to prevent that you are burn by it.

When running for a long time, do not touch any exhaust system parts within 30 minutes after the engine stops to prevent it from getting too hot and scalding you.

Clean windows and outside rearview mirrors

Wet the windows and rearview mirrors with a glass cleaner, and dry the surfaces with a clean cloth. The remaining rubber, oil, grease and silica gel on the window glass can be removed with glass cleaner and silica gel scavenger.

Removal of residual wax

The remaining wax must be removed with a special cleaning agent. For details, please consult JAC authorized after-sale service store.

Clear the snow

Use a small brush to remove snow from your windows and rearview mirror.

Clear the ice

It is best to remove accumulated ice with a deicing spray Do not scrape the ice back and forth if you are using a deicing shovel to clear the accumulated ice. Only scrape the ice in one direction. Scraping dirt back and forth can damage windows. 2

3

5

6

7

8

9

Cleaning and maintenance

(\) Warning

- Blurred windows will reduce visibility and increase the risk of accidents and injuries.
- To be safe, all the windows must be clear and transparent.
- Snow and fog shall not be on the inside and outside of all windows.

Notice

 Do not use hot water to remove ice and snow from windows and rearview mirrors, or the glass may burst.

Clean the wheel

Wash the wheels and wheel trim frequently to maintain a clean appearance. It is recommended to clean the wheels with a neutral soap or detergent.

Notice

- Do not use aluminum or corrugated brushes containing strong acids or strong alkalinity to clean aluminum wheels or wheel trims.
- Do not wash the wheel when the tire temperature is high.
- After the wheel is coated with cleaner, flush it within 15 minutes.
- Do not use grinding detergent when cleaning wheels.
- Regularly clean the wheel and wheel trim cover, especially after driving on salt-spraying roads in winter, wash the wheels promptly.
- If you often travel on salt-spraying roads in winter, it is recommended to wax the wheels to avoid corrosion.

Interior cleaning

The longer the stain remains on the vehicle parts, the harder it is to clean and handle with. Stains on parts for a long time may not be removed.

Please refer to the following table for cleaning and maintenance of various parts inside the vehicle.

| Materials | Cases | Suggestions |
|-----------------------------|--|--|
| Vehicle windows | Dirt | Clean with a glass cleaner, dry with leather cleaner or a fluffy rag. |
| | Dirt particles adsorbed on the surface | Use a vacuum cleaner regularly to prevent permanent fabric damage from friction. |
| | Water stains, such as coffee, tea, etc | Remove immediately with a good absorbent cloth and a neutral soap. |
| Fabrics Microfiber cloth | Grease stains, such as oil, make-ups, etc | Apply neutral soap, then dry the dissolved oil and paint with a good absorbent cloth, and rinse again with clean water if necessary. |
| Man-made leather | Special dirt, such as ball-point pen and ink, nail polish, latex paint, shoe polish, blood stains, etc | Use special stain remover and clean with neutral soap if necessary. |
| | Maintenance | Fabrics, microfiber fabrics or artificial leather shall not be treated with leather curing agents, solvents, floor wax, shoe polish or similar articles. |
| | New stains | Clean immediately with cotton cloth and neutral soap. |
| Leather | | New stains: remove with a soft cloth with good water absorption. |
| | Water stains, such as coffee, tea, etc | Dry stain: use stain remover suitable for leather. |

2

4

5

3

7

2

a

Cleaning and maintenance

| Materials | Cases | Suggestions |
|----------------|--|--|
| | Crosso stains such as all make una etc | New stain: use stain remover suitable for leather. |
| | Grease stains, such as oil, make-ups, etc | Dry stains: treated with a grease spray. |
| | Special dirt, such as ball-point pen and ink, nail polish, latex paint, shoe polish, blood stains, etc | Treat with a stain remover suitable for leather. |
| | Maintenance | Apply the curing oil with anti-light and dipping effect regularly. After each cleaning, use the special colored leather nourishing paste if necessary. When parking outside for a long time, cover to prevent direct sunlight. Leather shall not be treated with solvents, floor wax, shoe polish or similar articles. |
| Plastic parts | Stains | Remove with a damp, soft cloth. |
| Metal | Stubborn stains | Remove with a good absorbent cloth and a little neutral soap, and use a solvent-free plastic cleaner if necessary. |
| Display screen | Dirt | Clean with a soft cloth and a little water, regular glass cleaner or LCD cleaner. |
| Seat belt | Dirt | Pull the harness out completely, then leave the harness webbing stretched. Use a soft brush to remove large chunks of dirt. Clean seat belt with neutral soap. The belt webbing is completely dry before retracting. |

Rust proofing treatment

Common factors of vehicle corrosion

Wet dirt and debris have accumulated in the body, holes or other parts.

Damage to paint and other protective coverings due to debris, grit or minor traffic accidents.

Environmental factors affecting corrosion

Humidity

The accumulation of sand, dirt, and water on the vehicle floor can accelerate corrosion. Wet carpet and floor mats will not dry completely in the vehicle. It should be removed and completely dried to avoid floor erosion.

Related humidity

Corrosion is accelerated in areas with high relative humidity.

Temperature

High temperature will accelerate the corrosion process of poorly ventilated parts.

Temperatures above freezing point will also accelerate corrosion.

Air pollution

Industrial pollution, the presence of salt in the air in coastal areas, or the heavy use of road salt can accelerate the corrosion process. Road salt also speeds up the weathering and fading of painted surfaces.

Vehicle anti-corrosion

Wash and wax regularly to keep the vehicle clean

Be sure to check the paint for minor damage. If there is any damage, repair it as soon as possible.

Keep the drain at the bottom of the door open to prevent water accumulation. Check the bottom of the vehicle for sand, dirt or salt. If so, rinse with water as soon as possible.

\bigcirc

Warning

- Do not use water pipes to wash away dirt, sand or other debris in the passenger cabin. Please use a vacuum cleaner to clean up the mess.
- Do not allow the electrical components in the vehicle to contact water and other liquids, as they may damage the electrical components
- Be sure to regularly clean the underside of the vehicle during the winter months. Chemicals used for road deicing are highly corrosive and can accelerate corrosion and damage to brake pipes, brake cables, chassis and fenders
- Keep the garage dry and do not park the vehicle in the garage with high humidity and poor ventilation for a long time.

1

2

3

1

5

6

7

8

Q



8

Maintenance and DIY

| Maintenance requirements | 170 |
|---------------------------------------|-----|
| Regular maintenance | 171 |
| Routine maintenance | 172 |
| Engine compartment check | 174 |
| Hood overview | 174 |
| Cleaning and rust prevention for hood | 175 |
| Engine coolant | 176 |
| Check engine coolant level | |
| Replace engine coolant | 178 |
| Engine oil | |
| Check engine oil level | |
| Replace the engine oil and oil filter | 180 |
| Transmission oil | |
| Air filter | 181 |
| Fuel filter | 182 |
| Fine filter | |
| Coarse filter | 183 |
| Brake | 184 |
| Check parking brake | |

| Check foot brake pedal | 184 |
|------------------------------|-----|
| Check the brake booster | 184 |
| Brake fluid | 184 |
| Windshield washer fluid | 186 |
| Windshield wiper | 187 |
| Clean the wiper blade | 187 |
| Replace the wiper blade | 187 |
| Battery | |
| Replace fuse | |
| Replace the bulb | 191 |
| Wheel | 192 |
| Tire pressure | 193 |
| Tire types | 194 |
| Tire chain | |
| Tire transposition | 195 |
| Tire wear and damage | 196 |
| Replace tire and wheel | 197 |
| TTT 1 11 | 107 |
| Wheel adjustment and balance | 197 |

1

2

3

4

_

6

_

Q

 $\overline{}$

Maintenance requirements

Vehicle maintenance includes regular and routine maintenance. Routine and regular maintenance is essential to keep your vehicle in good condition. It is the responsibility of the owner to do regular maintenance.

Be careful when carrying out any inspection or maintenance work so as not to cause serious accidental injury to yourself or damage to your vehicle.

Warning

- Vehicle maintenance is hazardous. If you do not have enough maintenance knowledge and experience or do not have the right tools and equipment, you may be seriously injured during the maintenance process. This work shall be conducted by JAC authorized after-sales service store.
- The quality of maintenance parts is an important factor to vehicle's safety, economy, and environmental protection. So please use genuine

0

Warning

spare parts when your vehicle needs repair and maintenance.

- When check or maintain the vehicle, park the vehicle on a flat road and apply parking brake.
- When replacing or repairing any part, make sure the start switch is in the "OFF" or "LOCK" position.
- When the engine temperature is very high, do not work under the hood. Be sure to shut off the engine and allow it to cool completely.
- If you must operate with the engine running, keep your hands, clothes, hair, and tools away from spinning fans, belts, and other moving parts.
- It is recommended to fasten or take off loose clothes and remove jewelry such as rings and watches before vehicle maintenance.
- If the engine must be started in an enclosed space such as a garage, make sure that proper exhaust

0

Warning

ventilation is available to remove exhaust fumes.

- Do not get under the vehicle when jacking it up.
- Fuel and batteries should be kept away from smoke, flames and sparks.
- Do not connect or disconnect the battery or any transistor component connector when the start switch is in the ON position.
- For engines equipped with multipoint injection system, please go to JAC authorized after-sales service store to repair the fuel filter and fuel line, because the fuel line is still with a high pressure when the engine is shut down.
- Your vehicle is equipped with an automatic engine cooling fan. It can start without warning or even when the ignition switch is in the "0FF" position and the engine is not running. To avoid injury, disconnect

$\overline{\bigcirc}$

Warning

the negative cable of the battery before working near the fan.

- It is necessary to wear goggles when working on a vehicle.
- When the start switch is in ON position, do not disconnect the wiring harness connector of the engine or parts related to the gearbox.

Environmental Protection

 Avoid direct contact with used engine oil, coolant and other oils. Improper disposal of engine oil, engine coolant and other vehicle fluids can damage the environment. Be sure to comply with local laws and regulations.

Regular maintenance

To facilitate your maintenance, regular maintenance items have been listed in the attached warranty maintenance manual. You must refer to this manual for maintenance.

The regular maintenance of the vehicle should be carried out by JAC authorized after-sales service store because they have professional technicians and professional equipment. We strongly recommend that you use JAC genuine spare parts when repairing or replacing parts.

2

L

5

2

7

മ

Routine maintenance

Routine maintenance includes items that should be inspected during normal daily operation of the vehicle. This ensures that your vehicle continues to function normally. Routine maintenance requires only minimal mechanical skills and some common vehicle tools. These inspections can be performed by you or a qualified technician or, if necessary, by JAC authorized after-sales service store.

|] | Inspection Item | Inspection contents |
|--------------------|--------------------------------|--|
| Confirm whet | ther abnormal situation exists | Check whether the parts used to be abnormal are normal now |
| | | Check whether the engine oil and coolant are adequate |
| | Engine | Check whether there is water or oil leakage |
| Engine compartment | | Check whether the tension of the transmission belt is appropriate, check whether the belt is broken and worn |
| | Transmission | Check whether there is oil leakage |
| | Others | Check whether the brake fluid and cleaning solution are adequate without leakage |
| | Engine | Check whether the color of emissions is clean and whether there is waste gas emission |
| | Suspension | Check whether there is damage or crack in spring connection |
| | Tire | Check whether the tire pressure is normal |
| Exterior | | Check whether the tire wear is normal |
| | | Check whether the tightening of the wheel nuts is appropriate |
| | Vehicle lamps | Check whether all lamps work normally without damage |
| | Vehicle license plate | Check whether the license plate is intact |

Maintenance and DIY

| Inspection Item | | Inspection contents | | | | |
|-----------------|--------------------------|---|--|--|--|--|
| | Engine | Whether the fuel is adequate and whether the engine can be started normally | | | | |
| | Staaring wheel | Whether there is swing and whether the gap is normal | | | | |
| | Steering wheel | Whether the wheel is operated normally | | | | |
| | | Whether the free travel of brake pedal is normal | | | | |
| | Brake | Whether the brake is working properly | | | | |
| | | Whether the electronic parking brake switch is normal | | | | |
| Interior | T | Whether the clutch free travel is normal | | | | |
| | Transmission | Whether the shift handle is operated normally | | | | |
| | Seat belt | Check whether all parts of the safety system are working normally and in good condition. Check whether there are any cut marks or wear on the belt webbing | | | | |
| | Outside rear view mirror | Whether the mirror surface is clean | | | | |
| | Horn | Whether the horn is working properly | | | | |
| | Wiper | Whether the wiper is working properly and whether the cleaning fluid is adequate | | | | |
| | Instrument and switch | Whether the instrument and all switches are working properly | | | | |

4

5

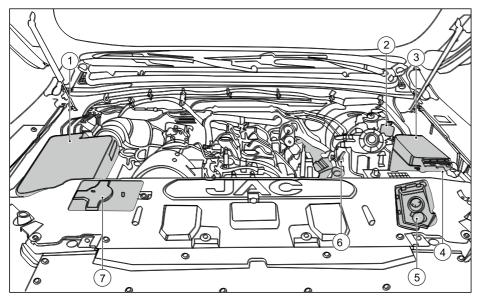
6

Q

c

Engine compartment check

Hood overview



- 1. Air filter
- 2. Brake Fluid reservoir
- 3. Engine compartment fuse box working conditions
- 4. Battery
- 5. Cleaning fluid pot
- 6. Engine oil dipstick
- 7. Expansion kettle

Cleaning and rust prevention for hood

The exterior surfaces of the hood and powertrain are treated with corrosion protection before delivery. If driving on roads where salt is used to prevent freezing in the winter, the engine compartment and the catchment tank should be thoroughly cleaned and subsequently treated with corrosion protection to prevent the corrosive effects of salt. Please turn off start switch before cleaning hood. Do not make water column direct at the headlamp when cleaning.

If a grease solvent is used to clean the engine, the engine coating will be removed altogether. Therefore, please make rust-proof cover on engine's surface, groove, connector and assembly inside the hood thoroughly so that the hood will have permanent rust-resistance performance. This requirement is also applicable for spare parts that need rust prevention. Cleaning solution and rust prevention agent recommended by manufacturer will be provided by JAC authorized after-sales

service store.

When operating in the engine or under the hood, such as checking and refilling fluid, scald or other damages may occur, and fire accidents may appear. When filling fluids, be ensure that they cannot be mixed with each other, otherwise it will cause serious functional failure.

0

Warning

 Turn off the power system before touching the sink to avoid accidental connection with the windshield wiper and injury.

①

Notice

- When cleaning the engine, residual gasoline, grease, and oil will flow out together, and these waste water must be cleared with oil-water separator. Therefore, please clean engine at JAC authorized after-sale service store.
- In order to detect leaks in time, the ground beneath the vehicle should be checked frequently. If oil or other working liquid is found on the ground, please go to JAC authorized after-sales service store for inspection in time.

A

_

1

5

A

7

മ

Q

Engine coolant

The coolant added to the vehicle not only provides antifreeze protection at low temperatures, but also protects all light alloy parts in the cooling system from corrosion, in addition to preventing sediment and significantly increasing the coolant boiling point.

If you need stronger anti-freezing protection due to climatic reasons, please contact JAC authorized after-sales service store to choose the original coolant with stronger anti-freezing ability.

In no case can the original coolant be mixed with other cooling additives. If the color of the liquid in the coolant reservoir changes, it means that the coolant has been mixed with other coolants or additives. In this case, the coolant must be replaced immediately, otherwise it will cause serious malfunction or engine failure.

If the engine is overheated, it is forbidden to use coolant with a concentration more than 60% or less than 35%. Otherwise it may damage the engine cooling system.

When adding or replacing coolant, select the appropriate concentration according to the following table:

| Ambient temperature (°C) | Coolant concentration (%) |
|--------------------------|---------------------------|
| -15 | 35 |
| -35 | 40 |
| -25 | 50 |
| -45 | 55 |

! Danger

- Do not remove the radiator cap or coolant reservoir cap at high engine temperature. Otherwise, the high pressure coolant ejected from the radiator may cause severe burns.
- Engine coolant is toxic and should be carefully stored in marked containers out of reach of children and pets.

\bigcirc

Warning

- It is strictly prohibited to use the coolant that does not meet the standards and requirements. The loss caused by the use of the coolant that does not meet the standards is not covered by the warranty.
- If there is no original coolant in an emergency, no other additive could be added. In this case, it is acceptable to refill pure water into cooling system so that vehicle can reach to JAC authorized after-sale service store as soon as possible to restore correct mixture of water and coolant.
- When the engine is in a hot state, it is forbidden to add coolant to it. Engine coolant should be refilled when engine is cooled down, otherwise it will seriously damage the engine.
- Try to use the coolant of the same brand, and the product formula of

$\overline{\mathbb{Q}}$

Warning

the coolant of different brands will be different. If used in combination, a chemical reaction is likely to occur between the additives, causing them to fail.

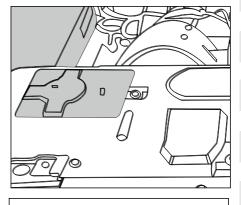
- The undiluted engine coolant is inflammable. It may trigger combustion if the coolant is dripped on hot exhaust pipe.
- No other material should be added into engine coolant, or coolant's corrosion resistance will be weakened, which will lead to the corrosion of cooling system parts, coolant loss, and serious damage on engine.
- Improper use of coolant for extended periods of time can cause engine damage due to corrosion, overheating and freezing.
- Avoid direct skin contact with used coolant. If skin contact occurs, rinse thoroughly with soapy water or hand sanitizer as soon as possible.

B

Environmental Protection

• Please treat used coolant in accordance with the local relevant environmental protection law.

Check engine coolant level





2

3

4

5

6

7

ç

The coolant reservoir is located on the left side of the engine compartment, as shown in the figure above. When the engine is completely cooled, the coolant level should be between the "F" (upper limit) and L (lower limit) marks. If it is below the "L" mark, the coolant should be added as soon as possible.

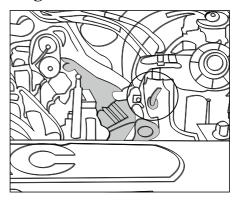
The steps to add engine coolant are as follows:

- 1. Make sure the engine and radiator are fully cooled.
- 2. Slowly unscrew the lid of the coolant reservoir.
- 3. Fill the coolant reservoir with engine coolant near the L mark.
- 4. Tighten lid of coolant reservoir.

Replace engine coolant

The engine coolant needs to be replaced regularly. Please refer to the maintenance manual for details. If you need to replace the engine coolant, please refer it to JAC authorized after-sales service store. Do not replace it by yourself.

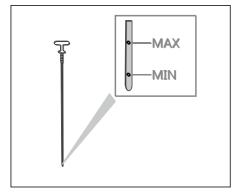
Engine oil



Check engine oil level

- 1. Park the vehicle on a flat surface and apply parking brake.
- 2. Start the engine and warm it up until the engine temperature reaches the normal operating temperature (about 5 minutes).
- 3. Close engine.
- 4. Wait at least 10 minutes for the engine oil to flow back into the sump.
- 5. Remove the oil gauge and wipe it clean.
- 6. Reinsert the oil gauge completely.

7. Take out the oil gauge and check the oil level. The oil level should be between the two mark points (MAX and MIN) of the oil gauge.



- 8. If the oil level is below the mark point (MIN), unscrew the oil filler cap and add the recommended oil. Don't overfill. Do not pull out the oil ruler when injecting engine oil.
- 9. Recheck the oil level with an oil gauge.
- 10. After filling, tighten the oil filling cap.

Warning (

- Under no circumstances shall the oil level exceed the "MAX" mark on the gauge. Otherwise, the oil will be inhaled into the air intake system through the crankcase vent, and will be discharged into the atmosphere through the exhaust system after combustion. Oil may burn in the catalytic purifier and cause damage to it.
- As the engine oil temperature may be high, be careful not to burn yourself or others.
- Avoid direct contact between skin and oil. If you come into contact with oil, wash immediately and thoroughly with soap or hand sanitizer with plenty of water.

① Notice

- It is normal to add some oil during maintenance or run-in period, depending on the working conditions of the vehicle.
- Engine oil consumption is normal and oil level should be checked regularly. Driving with insufficient oil can damage the engine, and such damage is not covered by the warranty.
- Do not drip the oil onto the parts of the vehicle, especially the hot engine parts, there is burning danger.

2

4

5

6

Q

C

Replace the engine oil and oil filter

The engine oil and oil filter must be replaced regularly specified in the maintenance manual. We strongly recommend that you change the engine oil and oil filter in JAC authorized after-sales service store.

$\overline{\bigcirc}$

Warning

- Used oil must be handled correctly.
 Do not dump it on the ground, in ditches or in rivers.
- As the engine oil temperature may be high, be careful not to burn yourself or others.
- Avoid direct contact between the skin and the used oil. If the skin comes into contact with the used oil, wash it thoroughly with soap or hand sanitizer and plenty of water immediately.
- Repeated exposure to used engine oil over time may lead to skin cancer.

0

Warning

- Store used engine oil in a marked container and keep it out of reach of children
- The engine oil and oil filter must be replaced regularly specified in the maintenance manual.

Replace preparations

- 1. Park the vehicle on a flat surface and apply parking brake.
- 2. Start the engine and warm it up until the engine temperature reaches the normal operating temperature (about 5 minutes).
- 3. Close engine.
- 4. Wait at least 10 minutes for the engine oil to flow back into the sump.
- 5. Use jacks and jacks bracket to lift and support the vehicle.

Replace the engine oil and oil filter

- 1. Remove the engine bottom guard (if equipped).
- 2. Place a large oil pan under the oil drain bolt.
- 3. Remove the oil drain bolt with a wrench.
- 4. Uncrew oil filler cap,to expel oil thoroughly. If you need to change the oil filter, remove it and replace it.
- 5. Remove the oil filter with a wrench.
- Clean the mounting surface of the engine oil filter with a clean cloth. Be sure to remove any old washers that remain on the mounting surface.
- 7. Apply new engine oil to the washer of the new oil filter.
- 8. Tighten the oil filter until slight resistance is felt, then twist the wrench 2/3 circles to hold the filter in place.
- 9. Clean and reassemble oil drain bolt and new washer. Tighten the discharge plug with a wrench, do not overexert.

Fill the engine oil

- 1. Reapply the recommended engine oil and oil volume. Do not pull out the oil ruler when injecting engine oil.
- 2. Firmly install the oil filler cap.
- 3. Start the engine.
- 4. Check whether the oil drain bolt is leaking.
- 5. Check engine oil level.

Environmental Protection

• It is illegal to pollute sewers, rivers and land. Disposal of used oil and filters should be in strict accordance with local laws and regulations.

Transmission oil

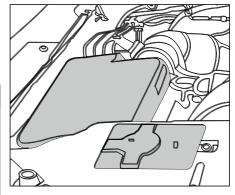
Transmission oil must be replaced regularly specified in the warranty manual. For inspection or replacement, please contact JAC authorized after-sales service store.

\bigcirc

Warning

- Only use the recommended oil Do not mix with other oils.
- Use of transmission oil other than the recommended will damage the transmission, which is not covered by the warranty.

Air filter



Air filter element replacement

The air filter can be cleaned when the air filter element is checked. Please replace the filter element of the filter according to the time interval specified in the maintenance manual. If the vehicle is driving in dusty or sandy areas, replace the filter element more frequently than the recommended.

1

2

3

4

5

6

8

С

Filter element replacement steps:

- 1. Release the three fixing screws with a cross screwdriver.
- 2. Pull forward gently and open the cover upwards.
- 3. Take out the air cleaner element.
- 4. Replace the air filter element with a new one.
- 5. Install the cover and fasten the three fixing screws with a cross screwdriver.

○ Warning

- Do not drive the vehicle without the filter element, otherwise it will cause serious engine wear and tear.
- When removing the filter element, be careful to avoid dust or dirt entering the intake pipe, otherwise it will cause engine damage.
- Please use the JAC genuine parts.
 Non-genuine parts may not filter out dust and particulate matter in the air, resulting in abnormal engine wear and affecting the function of the

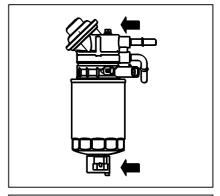
\Diamond \mathbf{v}

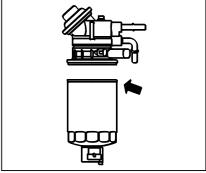
Warning

exhaust gas purification device.

• The use of contaminated air filters will directly affect the engine intake air volume, which may cause the engine to fail to work properly, increase wear and affect service life.

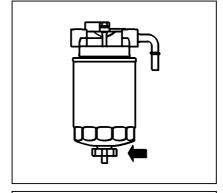
Fuel filter Fine filter

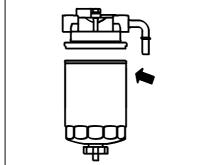




- 1. Loosen the bleeding screw on the filter and the bleeding valve of the filter until there is a liquid flowing out at the bleeding valve.
- 2. Remove the filter assembly from the vehicle and use special tool to separate the lower housing from the filter tank body.
- 3. After replacing the filter element, tighten the lower shell with special tool.
- 4. Press the hand pump until there is oil discharged from the deflation screw mouth, tighten the deflation screw.
- 5. After the exhaust of the fuel system is over, start the engine with the start switch.
- 6. If the engine fails to start within 10 seconds, repeat step 1 and 2.

Coarse filter





- 1. Loosen the bleeding screw on the fine filter and the bleeding valve of the coarse filter until there is a liquid flowing out at the bleeding valve.
- Separate the upper and lower shells with special tools to ensure that all liquids are discharged and that the mating surfaces of the upper and lower shells are clean. Install the lower housing firmly on the fitting surface.
- 3. The filter element and the lower shell adopt an integral structure. If the filter element is to be replaced, the lower shell can be replaced.
- 4. Tighten the lower shell with special tools after replacement, press the manual pump button oil on the filter. When there is oil leaking from the deflation screw, tighten the deflation screw with 1.5N·m torque.
- 5. After the exhaust of the fuel system is over, start the engine with the start switch.
- 6. If the engine fails to start within 10 seconds, repeat step 1 and 2.

1

2

3

4

5

6

7

g

С

Brake

Check parking brake

Check whether the function of the parking brake is normal. If it is abnormal, please contact JAC franchise service shop for inspection as soon as possible.

Check foot brake pedal

If the foot brake pedal cannot return to its normal position or the braking force and braking distance are abnormal, please check the brake system at JAC authorized after-sales service store as soon as possible.

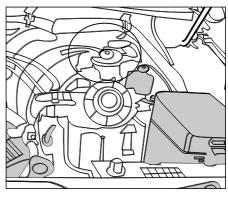
Check the brake booster

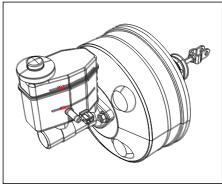
Check the brake booster function as described below:

- 1. In the case of engine shutdown, repeatedly press down and release the foot brake pedal several times. If you travel the same distance (travel) each time you press the brake pedal, proceed to the next step.
- Step on the foot brake pedal to start the engine. The pedal height should be lowered a little.

- 3. Shut down the engine with your foot on the brake pedal. Hold the pedal for about 30 seconds. The height of the pedal should remain constant.
- 4. Release the foot brake and let the engine run for 1 minute, then turn off the engine. Step down the brake pedal several times. The travel of the brake pedal decreases with each step because the vacuum in the booster gradually disappears.
- 5. If the brake booster does not work normally, please check the brake system at JAC authorized after-sales service store as soon as possible.

Brake fluid Braking fluid inspection





Check the brake fluid in the brake fluid storage tank regularly. The liquid level must always be between the MAX (maximum) and MIN (minimum) marks. During driving, due to the wear and the automatic adjustment of the brake friction plates, the liquid level will drop slightly, which is normal.

f the liquid in the liquid storage tank drops significantly or falls below the MIN mark within a short period of time. the brake system may be not sealed properly. If the brake fluid level in the reservoir is too low, brake system failure warning light will light up. At this time, please immediately check the brake system at the JAC franchised after-sale service stores.

Replace the brake fluid

Brake fluid can absorb the moisture from the surrounding air. Excessive water in the brake fluid can cause long-term corrosion damage to the brake system. In addition, the boiling point of the brake fluid drops significantly, so it is necessary to replace the brake fluid regularly.

DOT4 brake fluid can only be used when the brake fluid needs to be injected, and new brake fluid can only be used in the unopened container. Clean the lid and its surrounding parts before unscrew the lid of the brake liquid storage tank to prevent dirt from entering the tank.

For technical reasons, the replacement of brake fluid requires special tools and necessary expertise. It is strongly recommended that you replace the brake fluid at the JAC authorized after-sales service store.

\bigcirc

Warning

- It is strictly prohibited to mix the brake fluid of different manufacturers and models. If the brake system is damaged due to the mixing of brake fluid, it is not covered by the warranty.
- Because the braking system is very important for the safe driving of vehicles, it is recommended that you go to JAC authorized after-sales service store for checking.
- Brake fluid should be replaced regularly. If the brake fluid is used too long, the bubbles will be formed under high braking load, which will affect the braking performance and driving safety.
- If the brake fluid type added to the brake system is not correct, the brake will not work properly or even not work at all. This will cause an accident. Therefore, you must use the correct type of brake fluid.

1

2

2

4

5

6

7

8

С

\bigcirc

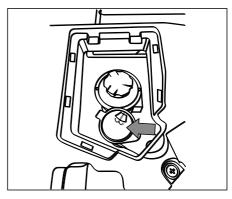
Warning

- Attention must be paid to adding brake fluid. If brake fluid splashes into your eyes, it will cause vision loss. If the brake fluid is sprayed on the car, it must be erased immediately, otherwise the paint will be damaged.
- The amount of brake fluid must not be excessive, and excessive brake fluid may splash on the engine. If the temperature is high enough, the brake fluid will burn, causing you or someone else to be injured or damage the vehicle.
- Brake fluid is toxic, so it must be properly stored in sealed original containers, especially not be in the reach of children

Environmental Protection

• The brake fluid can pollute the environment. Please dispose of the used brake fluid in accordance with the relevant environmental protection law.

Windshield washer fluid



Always check the liquid level of windshield washer. If the liquid is insufficient, please replenish it in time. The fluid may freeze and expand in cold climates. Do not allow the liquid level to be higher than three quarters after filling, otherwise the windshield washer liquid reservoir may be damaged.

For better cleaning, the detergent can be added to the water. During the winter, add some windshield washer fluid with antifreeze. Please follow the manufacturer's instructions for mixing ratios.

\bigcirc

Warning

- Use special cleaning solution whenever possible.
- If the temperature is likely to drop below 0°C, a windshield washer with anti-freezing properties must be used.

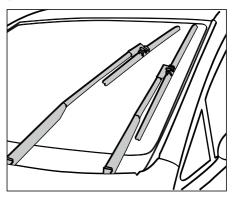
Windshield wiper Clean the wiper blade

Please check the working and wear condition of the windshield wiper regularly. If the windshield wiper does not operate smoothly or has abnormal sound, there may be wax or other substances on the windshield or wiper blade. The wiper blade and windshield should be cleaned at this time.

Clean the outside of the windshield with cleaning fluid or a neutral cleaning fluid. If beads no longer form when washed with water, the windshield has been cleaned. Clean the wiper blade by wiping it with a cloth containing a cleaning solution or a neutral cleaner. Rinse the blade with water. If the wiper still does not run smoothly or has abnormal sound after cleaning, please replace the wiper.

Replace the wiper blade

The front wiper maintenance position



The front wiper can be fully lifted only in the maintenance position. Move the wiper to the maintenance position according to the following steps:

- 1. The hood must be closed.
- 2. Switch the start switch to the "ON" position and then switch to the "OFF" position.
- 3. Within 30 seconds, push the wiper lever

1

2

3

4

5

6

7

8

С

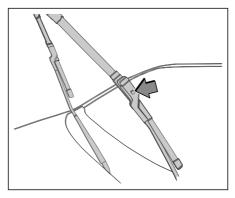
Maintenance and DIY

- up to "MIST" position and hold for more than 2 seconds, and move the front wiper to the maintenance position.
- 4. When the start switch is in the "ON" position, push the wiper joystick up to the "MIST" position and the front wiper will return from the maintenance position to the initial position.

○ Warning

- The wiper can only lift the wiper arm when the wiper is in the maintenance position, otherwise the wiper arm and hood may be damaged due to interference reasons.
- Make sure to return the windshield wiper to its original position before opening the hood or driving.

Replace the wiper blade



If the blade is worn, please replace it. The replacement steps are as follows:

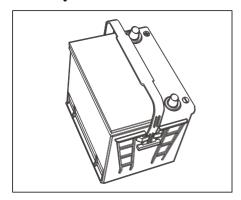
- 1. Lift the wiper arm completely.
- 2. Press the lock button and pull the blade out along the wiper arm.
- 3. Slide the new wiper into the wiper arm until you hear the click.
- 4. Check whether the wiper blade is fixed in place and fold the wiper arm back to the front windshield.
- 5. Return the wiper to its original position.

\supset

Warning

- Worn wipers can damage the windshield and affect the driver's view
- Do not fold back the wiper arm before inserting the new wiper blade, otherwise the front windshield may be damaged.
- When replacing the wiper arm, place thick towel on the glass to prevent the wiper arm from being damaged by accident.

Battery



Your vehicle is equipped with a maintenance-free battery. When a new battery needs to be replaced, the replaced battery should be the same as the part number on the original battery label.

Battery charging

Since battery charging requires professional knowledge and charging in a controlled environment, it is recommended that the battery should be charged by JAC authorized after-sales service store

Battery replacement

The battery installation location is strictly designed and arranged, and has special safety. The original battery conforms to the relevant regulations of automobile maintenance and safety. If you need to replace the battery, we suggest you go to JAC authorized after-sales service store.

Storage and maintenance of battery

If the vehicle will not drive for at least three weeks in the future, disconnect the battery negative cable to prevent battery power depletion.

Replace fuse

Each circuit is equipped with fuse to prevent circuit damage caused by a short circuit or overload. If the fuse is blown after replacing in a short time, there must be a fault in the circuit. Please contact JAC authorized after-sales service store to check and repair. Use a fuse with the same fusing current when replacing the fuse.

\Diamond

Warning

- It is forbidden to remove the blown fuse with a conductive tool. Fuse remover must be used. The use of electric conductors such as metals would cause short circuits, damage to the electric system or even a fire accident, which can result in serious personal injury.
- Be sure to use the fuse with the same type and rated current. Otherwise it can cause personal injury and damage to your vehicle and other property.

1

2

3

4

5

6

7

Q

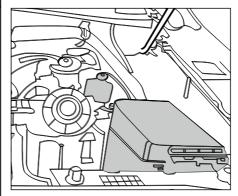
Q

Maintenance and DIY

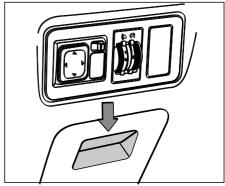
○ Warning

- Never use a fuse that is higher or lower than the rated current value specified on the fuse box cover, otherwise it may damage the electrical system or cause a fire.
- Do not replace fuses with metal sheets, paper clips or similar devices. Using a fuse substitute or an incorrectly rated fuse may damage the electric system or cause a fire accident.
- The fuse must not be repaired and continue to be used. The use of improper or repaired fuses, or no fuse bonded circuits, may cause a fire and severely burn a person.

Power compartment

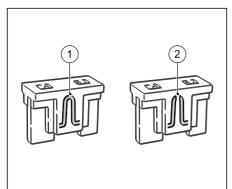


Passenger compartment



Fuse replacement steps:

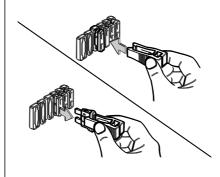
- 1. Turn off all electrical accessories.
- 2. Make sure the start switch is in "LOCK".
- 3. Remove the fuse box cover.
- 4. The damaged fuse is discriminated by the blown fuse



- (1) Normal fuse
- (2) Blown fuse

5. Remove the fuse with the fuse puller.

The fuse extractor is located in the fuse box cover of the engine compartment.



6. Replace it with a new fuse.

Replace the bulb

The working condition of external headlamps should be checked regularly. Damaged lamp bulbs will reduce the visibility of the vehicle and the ability to send out warning signals to other drivers, seriously affecting driving safety. Lamp bulb replacement requires certain professional knowledge.Improper lamp bulb replacement may cause accidents and even serious injury. It is strongly recommended that you go to JAC authorized after-sales service store to replace the bulb.

If the bulb must be replaced by removing other parts around it or replace non-halogen bulbs, it must be performed by JAC franchised after-sales service store.

1

2

3

4

5

6

7

മ

a



Warning

- Before replacing the lamp bulb, firmly apply the parking brake, switch the start switch to the "OFF" or "LOCK" position, and turn off the lamp to dissipate the heat of the bulb.
- Please replace the burnt bulb with a new one with the same rated wattage, otherwise it will result in damage to the fuse or circuit system.
- The high pressure halogen gas is enclosed inside the halogen bulb. If the glass cover is scratched or the lamp bulb falls off, it will burst.
- When taking the bulb, only touch the lamp holder and do not touch the glass. Touching the glass can seriously affect the life of the bulb and the performance of the headlamp.
- During the replacement of all the bulbs, the battery's negative terminal must be disconnected first to avoid



Warning

damage to the lamp and the wiring harness inside the vehicle.

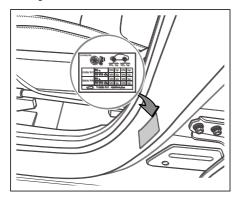
• If you have no professional tools, bulb with needed power and relevant operating skills, It is strongly recommended that you go to JAC authorized after-sales service store to replace the bulb.

Wheel

Wheel hubs and wheels should be cleaned at the same time during regular vehicle washing to prevent fine abrasive particles, dirt or scattered salt from consolidating on them. Stubborn brake abrasives can be removed with industrial dust removers. The damaged protective paint should be repaired before rusting.

For snow and ice road, the specified snow tires are recommended. For stable driving, install tires of the same size and pattern on all four wheels. Snow tires with wear exceeding 50% will no longer be used as snow tires. If snow tires cannot meet specifications, they cannot be used. Tire life depends on several factors such as tire inflation pressure, driving habits, and wheel balance.

Tire pressure Tire pressure label



The tire pressure label is attached to the driver's door side and the tire size and cold inflation pressure can be seen on the label. The recommended cold inflation pressure indicated on this label is the minimum tire pressure required to support the vehicle's maximum load capacity.

Tire inflation pressure

Warning

- Tires with high or low inflation pressure may suddenly lose pressure or even burst when the vehicle is running, which is very easy to cause serious casualties.
- Due to insufficient inflation pressure, tires are easy to overheat, resulting in dehulled tread and even burst.
- When the vehicle is overloaded at high speed, the tires are easy to overheat, and the tires may be damaged suddenly (including punctured tires and tread flaking), resulting in the loss of control of the vehicle.
- Whether the tire inflation pressure is too high or too low, it will lead to early tire wear and reduce the vehicle handling stability.
- Check your tire inflation pressure regularly, at least once a month, especially before a long journey.

\bigcirc

Warning

- Be sure to adjust the inflation pressure of all tires according to the load of the vehicle.
- Do not reduce the pressure when the tire is hot

The inflation pressure in winter should be about 20 kPa higher than that in summer. Tire pressure should be checked at least once a month and checked before each long-distance journey. Don't forget your spare tire at the same time.

The inflation pressure of the spare tire shall be the maximum inflation pressure specified by the vehicle.

The tire must be cold when checking the tire pressure. Do not reduce the high inflation pressure caused by the rising temperature of the tire. If the load of the vehicle changes greatly, the tire pressure should be adjusted accordingly.

Too low or too high tire inflation pressure will shorten the service life of the tire and affect the driving performance of the

2

3

4

5

6

7

8

С

Maintenance and DIY

vehicle. Too small tire pressure increases fuel consumption, thereby increasing unnecessary environmental pollution. The pressure of all tires should be checked when the tires are completely cooled. Adjustments should be made in accordance with the pressure standard indicated by the tire pressure label. Check for any damage or air leakage after adjustment.

①

Notice

• Always keep the tire pressure correct. The tire pressure is reduced by 50 kPa and fuel consumption is increased by 5%. Lower tire pressure increases rolling resistance, which increases tire wear and deteriorates driving performance.

Tire types

All-season applicable tire

Our company equips some models with all-season general tires, which can be used all year round for good performance, including driving on snowy and icy roads. The all-season tire has the words M + S, M/S, MS, M&S or ALL SEASON on the tire sidewall.

Summer tire

JAC specifies summer tires on some models to provide superior performance on dry roads. Summer tire performance is substantially reduced in snowy and icy road. There is no M+S, M/S, MS, M&S or ALLSEASON on the tire wall for summer tire.

If you plan to drive in snow or ice, we recommend that you install snow tires or all-season tires on all four wheels.

Snow tire

If snow tires are required, they should be the same size and load rating as the original tires. Otherwise, the safety performance and handling performance of the vehicle will be adversely affected.

To increase traction over the ice, use a tire with a anti-skid nails. However, they are banned in some areas. Therefore, before installing tires with anti-skid nails, you should know the relevant local laws. On wet or dry roads, a tire without anti-skid nails may have a better performance of sliding and pulling than that with anti-skid nails.

Tire chain

Use of tire chains may be prohibited according to location. Check the local laws before installing tire chains. When installing tire chains, make sure they are the proper size for the tires on your vehicle and are installed according to the chain manufacturer's suggestions. Try to avoid full load when using tire chains. In addition, drive at a low speed. Otherwise, your vehicle may be damaged, and vehicle handling and performance may be adversely affected.

$\overline{\bigcirc}$

Warning

- The anti-skid chain can only be installed on the driving wheel of the vehicle.
- After installing the tire chain, the driving speed should not be higher than 40km/h and the maximum speed requirements suggested by the manufacturer of the tire chain.

\bigcirc

Warning

- Installation of tire chain may adversely affect vehicle control.
 Emergency acceleration, steering and braking should be avoided as far as possible, otherwise accidents may
- If you hear the tire chain hitting the body or chassis while the vehicle is running, stop the vehicle for inspection as soon as possible.
- Remove the tire chain on the road without snow as soon as possible, otherwise it will not only affect the driving performance, but also seriously damage the tires.
- Do not install tire chain on the spare tires.

Tire transposition

Tire transposition is required each 8000-13000km. If the tire is found to be abnormally worn, the tire should be replaced earlier and the wheel alignment should be checked.

Check the dynamic balance of the tire when changing position.

Whether the tire is abnormally worn and whether the tire and wheel are damaged should be checked when the tire is transposed. The abnormal wear is usually caused by incorrect tire inflation pressure, poor tire positioning, poor wheel dynamic balance, emergency braking, or emergency turning. Check the tread or side of the tire for bumps, and replace the tire if one of these conditions is found.

The purpose of changing the tires regularly is to make all the tires of the vehicle wear evenly. Be sure to perform the transposition in accordance with the correct transposition mode as shown in the figure below.

1

2

3

4

5

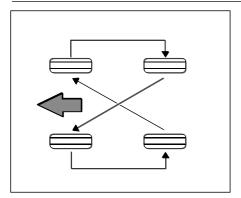
6

7

8

С

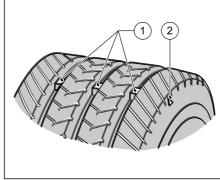
Maintenance and DIY



Warning

- Ensure that all wheel nuts are properly fastened after wheel exchange.
- Be sure to check and adjust tire pressure after wheel exchange.
- Improper tire selection, installation, maintenance or maintenance will affect the safety of the vehicle, resulting in accidents and injuries. If you have doubt, please consult JAC authorized after-sales service store or tire manufacturer.

Tire wear and damage



- ① Wear mark
- 2 Wear mark location

When the tread is worn to 2mm, the tire must be replaced to prevent sideslip and tire floating. When the tread wears to 2 mm, a built-in tread wear indicator or tread wear indicator will appear on the tire. When the tread wears to the same height as these tread wear indicators, the tire has been worn out and must be replaced. Tires should be periodically inspected for wear, cracking, bulging or objects caught in the tread. If excessive wear, cracks,

bulging or deep cuts are found, the tire should be replaced. Tires may be damaged during off-road use, so it is recommended to check them after off-road use.

If one of the following conditions occurs, the tire should to be replaced:

- 1. There are at least three signs of wear on the tire.
- 2. Tire cord or fabric is exposed.
- 3. Tire cord and fabric can be seen in cracks in the tread or sidewalls.
- 4. Tire bulges or stratifies
- 5. The tire is punctured, scratched or even damaged, the degree of which is difficult to repair.
- 6. The tire has been 6 or more years since the date of tire manufacture.



Warning

 Tires age as time goes by, and tires (including spare tires) must be replaced after six years, regardless of tread wear.

Replace tire and wheel

JAC franchised after-sales service store will provide tire information approved by the company as well as abundant tire and rim products. For the sake of safety, tires should be replaced in pairs, not individually.

All four wheels can only be fitted with the same brand. If the spare tire size is different from the tire used by the vehicle, it can only be used for a short time in case of malfunction and drive carefully at low speed. When replacing a tire, use the same structure type as originally equipped.

Warning

- Do not install deformed wheels or tires, even if they have been repaired. Such wheels or tires can cause structural damage and fail without warning.
- New tires must be rubbed in order to achieve optimal adhesion. Drive carefully and smoothly within the first 500km.

\Diamond

Warning

• Using unsuitable wheels, wheel bolts or wheel nuts can be dangerous. This affects the braking and handling performance of the vehicle, causing the tire to leak and causing the vehicle to lose control. It may cause an accident and injure you or others. Therefore, be sure to use the correct wheel, wheel bolt, and wheel nut.

Wheel adjustment and balance

When driving on a flat road, wheels must be adjusted if the vehicle always leans to one side, or if you perceive uneven or abnormal tire wear. Wheel balancing is necessary at normal speed if there is vibration of steering wheel or seat.

| | The wheel toe-in angle | 1±2 mm | |
|----------|------------------------|-----------|--|
| Wheel | Camber angle | 0.5°±0.5° | |
| Locating | Wheel camber angle | 12°±0.75° | |
| | Wheel caster angle | 3°±0.75° | |

1

2

3

4

5

6

 $\overline{}$

 $\overline{}$

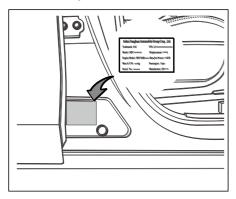


Technology parameters

| Vehicle identification | 200 |
|-------------------------------------|-----|
| Vehicle nameplate | |
| Vehicle identification number (VIN) | |
| Method to get VIN | |
| Engine nameplate | |
| | |
| | |
| Microwave window | 202 |

Vehicle identification Vehicle nameplate

As shown in the figure, the nameplate of the vehicle is located under column B and contains the following information: brand, vehicle identification number, vehicle model, engine displacement, engine model, maximum net power, gross vehicle weight, capacities, factory number and manufacturing date.



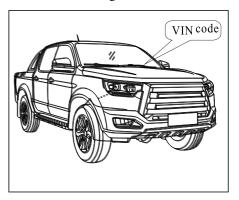
Vehicle identification number (VIN)

Vehicle identification number(VIN), is a unique set of 17 letters or numbers used on a vehicle to identify the manufacturer, powertrain, chassis number and other performance information.

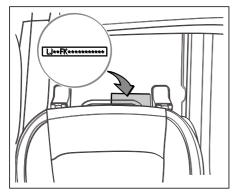
Method to get VIN

There are several vehicle identification codes on the vehicle, among which the followings are commonly used:

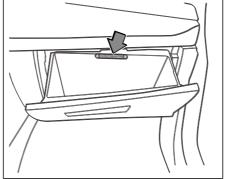
1. Located on the dashboard plate in the lower left corner of the windshield, it can be seen through the windscreen.



2. Located under the front passenger seat, visible after folding the carpet.



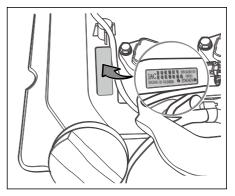
3. Located in the glove box, visible when the glove box is open.



The remaining VIN labels are on the following locations:

- 4. Inner side of the engine compartment cover
- 5. Located on the nameplate on the right B column
- 6. Located on the lower part of left B column
- 7. Multi-functional display screen(Click "system setting→About the vehicle",VIN will be shown).

Engine nameplate



The engine nameplate is located on the upper side of the hood.

4

2

3

4

5

6

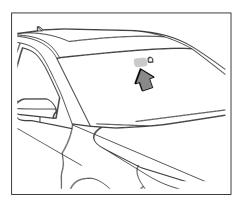
7

0

a

Technology parameters

Microwave window



As shown in the figure, the microwave window of the vehicle is located in the horizontal center of the front windscreen and on the vertical top.

Vehicle parameters

| Parameter | | | Gasoline engine | | | | | |
|-----------|-------------------------------------|----------------|-----------------|------|------|--|--|--|
| | Overall Dimensions (L×W×H)(mm) | 5325*1880*1830 | | | | | | |
| Dimension | Rear body size (inner) | 1520*1520*470 | | | | | | |
| | Wheelbase (mm) | 3090 | | | | | | |
| | Tread (front / rear) FT/RT (mm) | | 1540/1540 | | | | | |
| | GVW (kg) | 2755 | 2870 | 2840 | 2725 | | | |
| | Curb Weight (kg) | 1855 | 1970 | 1940 | 1825 | | | |
| | Payload(kg) | 900 | | | | | | |
| | Passenger Capacity | 2+3 | | | | | | |
| | Mini Ground Clearance(mm) | 220 | | | | | | |
| | FF/RF (mm) | 950/1285 | | | | | | |
| | Max Gradeability (%) | 30 | | | | | | |
| | Min Turing Radius (m) | 6.2 | | | | | | |
| | Approach / Departure Angle | | 30.9/23.3 | | | | | |

つ

3

4

5

3

7

Q

റ

Technology parameters

| Parameter | | Diesel engine | | | | | Gasoline engine | |
|-----------|----------------------------------|--|----------------|--------------------------------|----------------------------|----------------|---|-----|
| Power | Drive Mode | 4×2 | | 4×4 | | | | 4×2 |
| | Engine model | HFC4DB 2-1D1 | HFC4DB 2-1B | HFC4DB 2-1D1 | HFC4DB 2-1C | HFC4DB 2-1B | 4K22D4T | |
| | Engine Type | Common Rail+EGR +DOC+DPF | Common Rail | Common Rail+EGR +DOC+DPF | Common Rail+EGR +DOC | Common Rail | in line-4, int-cooler turbocharged, Gasoline | |
| | Displacement (cc) | 1999 | | | | 2378 | | |
| | Max Power (KW/r/min) | 102/3600 | | | | | 155/5200 | |
| | Max Torque (Nm/r/min) | 320/1600~2600 | | | | | $320/2000 \sim 4000$ | |
| | Emission | Euro V | Euro III | Euro V | Euro IV | Euro III | Euro V | |
| | Transmission Model | LC6T32 | | | | | | |
| | Transmission | MT | | | | | | |
| | Gear Ratio (R 1 3 5 2 4 6) | 4.935 5.441 1.721 1.000 2.839 1.223 0.794 | | | | | | |
| | Max Speed(km/h) | 150 | | | | | | |
| | Rear Axel Ratio | 4.1 | | | | | | |