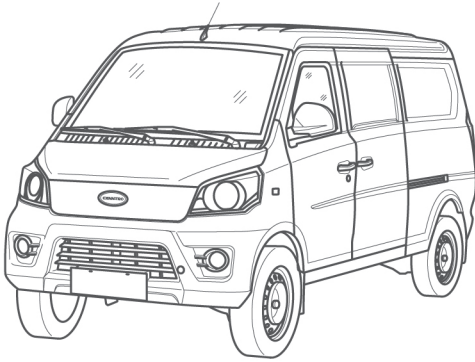


CENNTRO

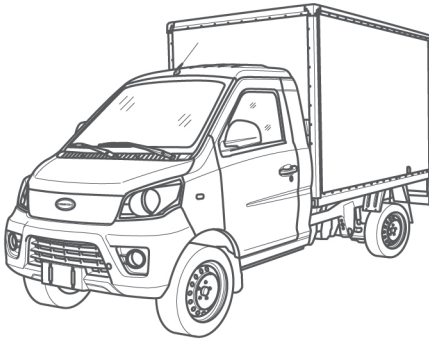
User Manual

LOGISTAR 200

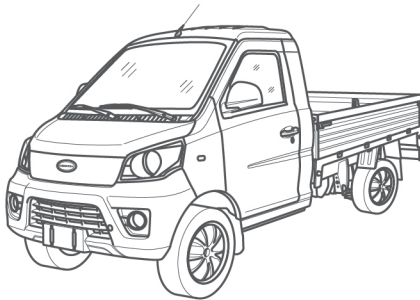




LS200 Van



LS200 Cargo Box



LS200 Pick-up

Notes:1 LS200 is the abbreviation of LOGISTAR 200.

2 The whole vehicle picture in this manual is replaced by the LS200 Pick-up model picture.

PREFACE

"User Manual" and "Warranty and Maintenance Manual" clarify CENNTRO and its customers have agreements on the establishment and termination of product quality assurance responsibilities and after-sales service rights and obligations.

Thank you for choosing CENNTRO for your well-crafted vehicle.

Vehicles from CENNTRO adopt high technology and provide good performance. Choosing CENNTRO battery electric vehicle proves your extremely high requirements for the performance and style of the vehicle.

Please read this manual thoroughly, as it contains the information to help you understand how to control the vehicle and get the maximum driving pleasure from it.

This manual provides important information for users to correctly understand the operation and maintenance methods of CENNTRO. Please be sure to carefully read and follow the relevant recommendations to help you get the maximum driving pleasure while ensuring the safety of the people and vehicle.

All the staff of CENNTRO special after-sales service center has been well trained and can provide you with perfect and satisfied service. When you need maintenance and repair, please contact the special after-sales service center.

This manual should be kept with the vehicle permanently. When you change to a new vehicle, please leave this manual to the next owner.

Please read the "User Manual" and "Warranty and Maintenance Manual" carefully before driving the vehicle and keep them properly after reading.

CENNTRO

Introduction

Introduction

This manual is compiled based on the specific vehicle produced by CENNTRO. This manual contains the latest information as of the time of printing. CENNTRO is solely responsible for the revision and description of the manual, and reserves the right to change the product without notice after the manual is printed. Some pictures in this handbook are schematic diagrams for reference only. If the picture does not match with the real product, the real product shall prevail. Some of the features described in this manual may not be available on all models, and some equipment/features not installed on your vehicle may be described in this manual.

For CENNTRO's vehicle, please note the following points:

- Unauthorized modification or addition of equipment to CENNTRO products is strictly prohibited, especially modification or addition of other equipment to electrical, braking, steering and other systems that have impact on product safety. CENNTRO will not be responsible for any damage or loss caused by unauthorized modification or addition of various equipment.
- If problems happen in the use of our products, please make sure to repair them at CENNTRO's authorized after-sales service centers: if you need to replace parts, please identify the genuine parts of CENNTRO. We will not be responsible for any damage or loss caused by using non-CENNTRO genuine parts.

WARNING

The vehicle is powered by a high-voltage power battery, thus incorrect operation may cause serious accidents. Please pay attention to the following tips:

- Vehicle Charging
 - » Please choose a qualified charging socket with specifications above "220V, 16A", make sure that the charging socket is grounded well, and the neutral and live wires are connected correctly;
 - » Please make sure that the wire diameter of the charging circuit is greater than 4 mm², and the appropriate air switch is used. A charging circuit allows only one single battery electric vehicle to be charged and no other electrical appliances use such charging circuit;
 - » When using the charging cable, it is forbidden to place the control box in the vehicle while charging, make sure that the triangle plug is well matched with the three-hole socket, and do not modify or repair the charging cable;

WARNING

- » Please ensure that the charging environment is safe. There are no flammable or explosive materials around the vehicle parking position. Keep away from heat sources, and do not charge under thunderstorms and sun exposure;
- » Please select a qualified fast charging station that meets the latest standards and is qualified for fast charging.
- Vehicle Operation
 - » The color of high-voltage wires is orange. Do not touch the high-voltage wires, components and maintenance switches of the vehicle body;
 - » When the vehicle is driving on waterlogged roads, avoid roads with high stagnant water depths, and at speeds no higher than 10km/h, with a wading time of no more than 10 minutes;
 - » If the vehicle falls into the water or is soaked in water due to accidents/ special circumstances, it is forbidden to turn the power on, and the service center shall be notified in time for further processing;
 - » Vehicles that is unused for a long time, please be sure to maintain the power battery and lead-acid battery regularly, otherwise the power battery and lead-acid battery will be degraded or even malfunction;
 - » Pay attention to driving safety, avoid abrupt start, slam on the accelerator or drive at the highest speed, otherwise it will affect the driving mileage and the performance of related components;
 - » Before turning on the ignition switch, please make sure that the brake is normal and the gear is in neutral;
 - » Please start with the handbrake at half clutch on a slope to avoid slipping backwards when the vehicle starts;
 - » Do not drive the vehicle when the battery is less than 20%. If the battery is insufficient, please charge it as soon as possible;
 - » According to regulations, users are obliged to cooperate with CENNTRO in recycling used batteries, and must not dismantle and discard them without permission.

Introduction

Please read this manual

All information in this manual is important, and particularly important information is highlighted in the following manner.

WARNING

- The incorrect operation described here may harm yourself or others.

ATTENTION

- The incorrect operation described here may damage your vehicle.

REMINDER

- The text marked with this symbol is an important and warm reminder.

 This safety symbol means: "Do not do " or "Don't happen this".

* Indicate that this configuration is not fitted to all models, and the specific equipment of the model you purchased is subject to the actual vehicle.

It is important to emphasize that this manual should be read carefully, as it contains a great deal of useful information on how to drive the vehicle properly in various situations and use the vehicle properly.

Please read all contents herein regularly and be aware of all the warning messages, as you will benefit from their effective application when necessary.

The front, rear, left and right directions in this manual are all relative to the forward direction of the vehicle.

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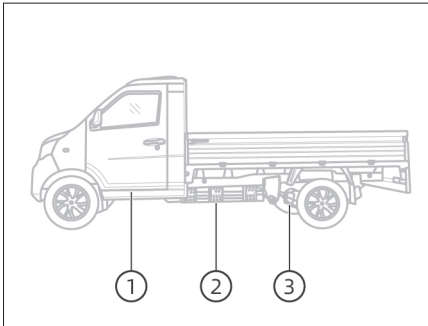
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Battery Electric System



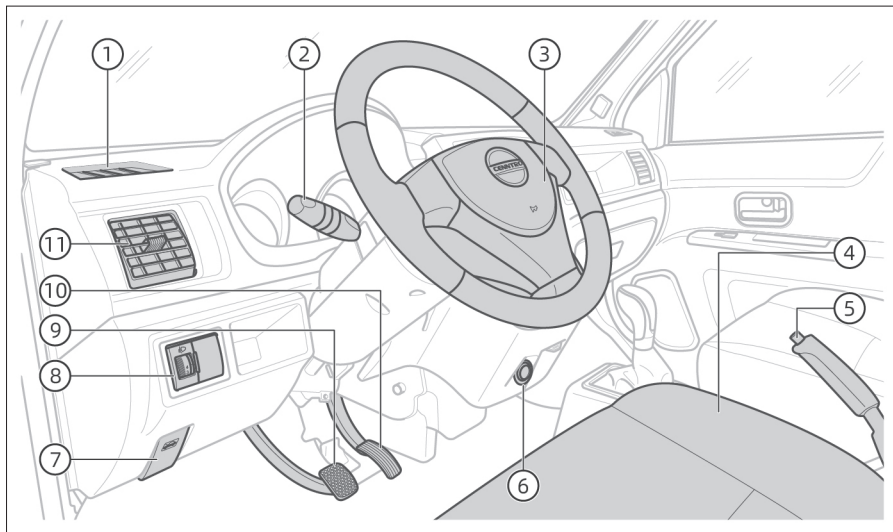
- ① Control systems of vehicle controller and other related controllers
- ② Power battery and its cooling system
- ③ Motor and motor controller system

REMINDER

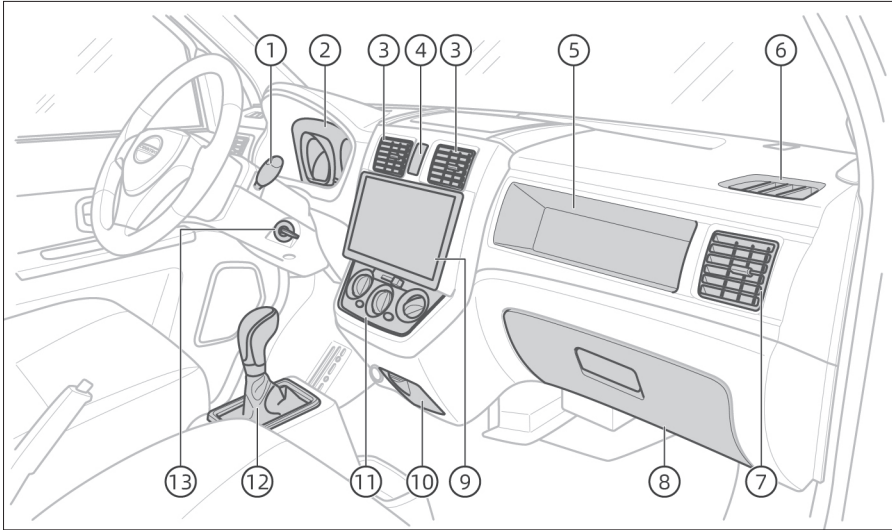
- High-voltage parts are marked with ⚠.

- LOGISTAR's battery electric system is mainly used for vehicle driving and energy management, monitoring and managing each component through a high-speed and stable CAN network. The battery electric system mainly includes:
- Vehicle controller: It analyzes the intention of the driver and controls the working status of all nodes (such as driving motor, power battery and DC/DC) on the CAN bus to ensure the vehicle drivability and safety. The vehicle controller is installed in the passenger compartment.
- Driving motor and controller: the motor system drives after receiving the vehicle control instruction, the power battery is charged while braking energy is recovered. The driving motor and its controller are installed at the rear of the vehicle chassis..
- Power battery and its cooling system: The power battery adopts lithium battery to provide power for the operation of related parts and vehicle drive. The power battery and its cooling system are installed under the floor in the middle of the cargo compartment.

Overall View of Driver Zone



- ① Defrost vent of the front window
- ② Light switch
- ③ Steering wheel
- ④ Seats
- ⑤ Parking brake control rod
- ⑥ *Cigarette lighter
- ⑦ Hatch opening grip
- ⑧ Headlight height adjustment switch
- ⑨ Brake pedal
- ⑩ Acceleration pedal
- ⑪ Left and right side vents



- ① Wiper switch
- ② Combination instrument
- ③ Central vent
- ④ Hazard lights
- ⑤ Storage compartment
- ⑥ Defrost vent of the front window
- ⑦ Left and right side vents
- ⑧ Glove box
- ⑨ Multimedia display(MP5)
- ⑩ *Ashtray(standard version)/*ESC switch (Upgraded version)
- ⑪ Air conditioner control panel
- ⑫ Gearbox handle
- ⑬ Starting switch

Safety and Important Issues

All the instructions in this manual are important for operation safety and service life of your vehicle. Among them, some instructions require special attention, because ignoring these instructions may seriously affect the safety of the members and the performance of the vehicle, and may also cause you to lose certain rights. This will include:

Use the Safety Belt Correctly

All passengers should fasten safety belts, whether you are driving on short distances, in urban areas or on highways.

Statistics show that safety belts can effectively reduce the rate of death or serious injuries in a vehicle accident (refer to Chapter 2, "Safety Belt" for relevant detailed description).

Check Tires and Tire Pressure



WARNING

- Excessive wear of tire or too low or too high tire pressure may cause an accidental injury to people or vehicle.

Check the tire pressure at least twice a month, or before driving and when you need to increase the load on the vehicle. If necessary, inflate as required. This will significantly extend the life of your tires and allow your vehicle to always meet safe design requirements. (Refer to Chapter 8, "Tire", for relevant detailed description).

Common Liquids and Lubricants

The liquids and lubricants shall be used as per the specified period and specifications. The liquids and lubricants used not as per the specified period and specifications may damage your vehicle and even cause personal injuries. Please read the relevant chapters carefully.

Power Battery Maintenance

The battery SOC (state of charge) should not be lower than 20%, and the vehicle should be fully charged once a day. The vehicle parking and charging environment should be dry and ventilated, no flammable and explosive materials around, and keep away from heat sources.

Vehicle that is not used for a long time should be maintained regularly, otherwise

the performance of the power battery will be reduced.

Maintenance method:

- When the vehicle is parked for more than 3 days, it must be re-charged on every 3 days to check whether the vehicle has been reported for insulation failures, battery failures, etc. Any failure it must be rectified promptly in time.
- When the vehicle is parked for more than 2 weeks, the manual maintenance switch of the power battery box or high-voltage distribution box must be disconnected to ensure that the high-voltage power discharge circuit is completely disconnected, and the power must be checked every 3 days. Before the normal use or operation of the vehicle, the Special After-sales Service Center of CENNTRO must be notified for repair. The vehicle shall be comprehensively and systematically checked.
- If the vehicle is parked for more than one month, in addition to the above operations, the power battery should be in a half-charged state (SOC of about 50% to 80%), and the battery status should be checked and recharged every one month.

Parts, Optional Parts and Accessories

The publication time of the manual is shown on the home page, including the information of all parts and optional parts supplied by CENNTRO to this vehicle series.

Please contact the Special After-sales Service Center for repair to ensure that the parts assembled onto your vehicle are qualified.

WARNING

- Do not mount any devices not suggested by CENNTRO onto the vehicle, especially electrical equipment, e.g. alarm device, power supply, vehicle telephone, starter, etc., so as to prevent short circuit and fire accident in case of any failure.
- The damages caused by vehicle refitting and personal injuries are excluded in the scope of warranty.

Disposal of Power Battery

LOGISTAR is equipped with the 260V-380V lithium battery which requires special knowledge and skills for operation. In case of disposal, be sure to consult the special after-sales service center/sales shop of CENNTRO in your area to properly dispose of the power battery.

WARNING

- It is strictly forbidden to disassemble the battery pack without authorization.
- It is forbidden to use metal to directly connect the positive and negative electrodes of the battery pack to short-circuit.
- It is forbidden to use and leave the battery pack in a hot and high temperature environment.
- Do not pierce the battery pack with nails or other sharp objects.
- It is strictly forbidden to immerse the battery pack in sea water or water. Place it in a cool and dry environment when it is not in use.
- Do not knock, throw or step on the battery pack.
- If you find a serious alarm, please stop using the battery pack and avoid personal contact, and contact the manufacturer immediately. Claims caused by improper repairs will not be accepted.

Precautions during Driving

The followings should be observed during driving:

The running-in maintenance mileage for new vehicle is 2,500km.

Keep stable speed .

- Frequent stop-and-go (e.g. on the streets with traffic lights) will obviously increase the power consumption. Pay attention to the traffic conditions while driving at any time and avoid unnecessary braking. Please drive on the streets with smooth traffic.

High Voltage Protection Measures

All high-voltage wires are orange, configured with high-voltage interlock function that will automatically cut off battery pack high-voltage output when the high-voltage terminal contact is disconnected (several nodes of the vehicle do not provide this function).

The battery management system monitors the insulation resistance between the entire strong current network and the ground in real time and, when the insulation resistance is below a certain value, will automatically cut off the battery pack high-voltage output.

A collision inertia switch is installed. In case of collision, the vehicle control system and the battery management system will synchronously control and disconnect the high-voltage relay in the battery pack to prevent high-voltage leakage.

Tire Pressure

Too low tire pressure will increase your vehicle power consumption and tire wear, increase the use cost and influence the driving safety. Too high tire pressure will reduce the wheel adhesion, intensify the vehicle shaking, and influence the driving safety and riding comfort. The tire pressure shall be checked every two weeks.



















Repair and Inspection

Please go to the Special After-sales Service Center of CENNTRO for repair.

WARNING

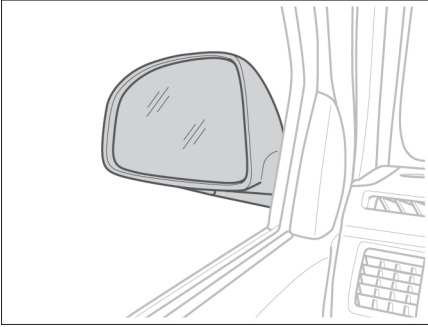
- Persons without professional training are not allowed for repair, commissioning and inspection of the important vehicle parts.
- Incorrect repair may cause personal injuries or even more serious vehicle failures.
- The claims caused by improper repair will not be accepted.

Marks

 Lighting master switch	 Dim headlight	 Full beam headlight	 Position lamps	 Turning indicator
 Hazard lights	 Door opening indicator	 Windscreen wipers and washers	 Windscreen defrost	 Battery charging indicator
 Brake system fault indicator	 Floor vent	 Fan (warm/cool)	 External air circulation	 Internal air circulation
 Front vent	 Horn	 Buckle up	READY Driving ready indicator	SPEED Motor over-speed indicator

The part of the mark shown above is used to identify the controls and indicators of your vehicle in dashboard and other parts. Please remember these marks as many as possible so that you can identify what happened at a glance.

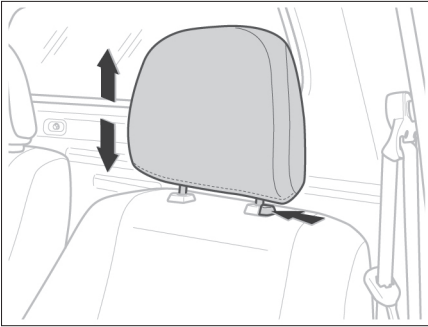
Outside Rearview Mirror



Before driving, adjust the outside rearview mirrors. Rearview mirror adjustment, refer to Chapter 3, "Rearview Mirror".

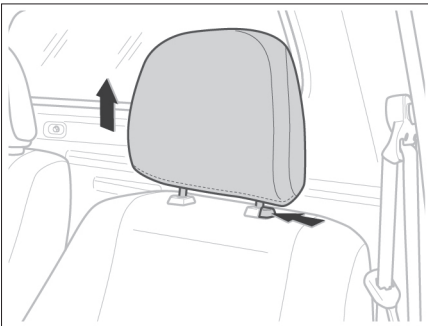
Seat Headrest Adjustment

Seat headrest height adjustment



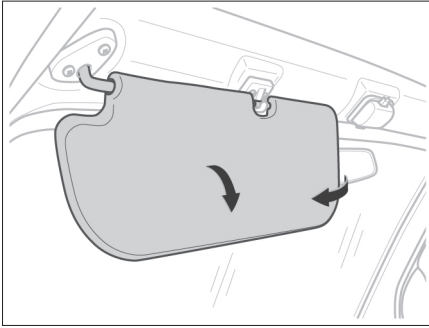
To adjust the height of the seat headrest, just press the left button under the headrest, adjust it to the appropriate position as needed, and release the button to lock it.

Removing seat headrest



To remove the seat headrest, press the button (as indicated by the arrow) and pull up the headrest.

Sun Visor



The sun visors can be turned up and down to prevent glare from disturbing the driver or passengers.

Anti-Theft

In order to prevent the vehicle from being stolen and reduce unnecessary losses, it is recommended that you take the following precautions, especially when parking:

- If possible, park the vehicle in a well-lit place.
- Turn the steering wheel to the side when parking to prevent someone from towing the vehicle from behind.
- Remove the key and enable the steering lockout.
- Please do not put valuables in the vehicle. And don't leave any seemingly valuable objects in oblivious places, and put them in the glove compartment or in a hidden place.
- Make sure that all the doors and windows are locked.
- Keep the keys and *remote control stored properly.

Safety Belt

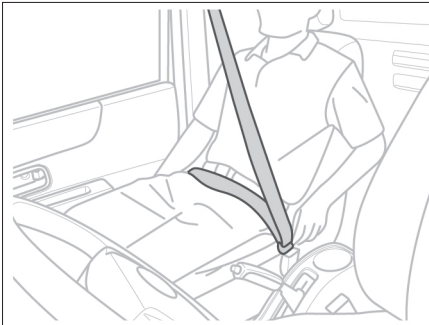
Safety belts are one of the most important safety devices for drivers and passengers. Do not neglect to use safety belts. Always fasten safety belt before driving.

This vehicle is equipped three-point safety belt.

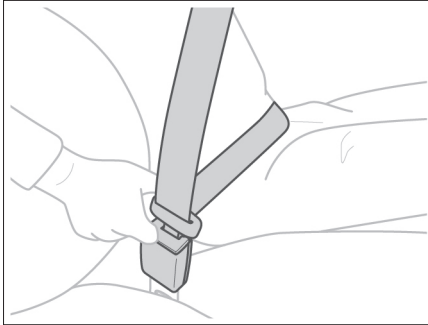
WARNING

- Incorrect use of safety belts will cause more serious injuries.
- Multiple people to use the same safety belt is strictly prohibited.
- The safety belt must not be contacted to the fragile objects in the clothing pocket, such as pens, glasses, etc., otherwise the user may be injured.
- Never modify any part of the safety belt device without permission.
- Do not adjust the seat when the safety belt is fastened while the vehicle is driving.

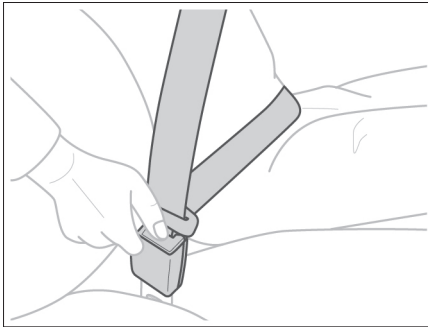
Use of Three-point Safety Belt



- Use the Safety Belt Correctly
 - » First adjust the seat so that your upper body can sit upright. The seat back should not be tilted too far back.
 - » The part where the safety belt should be bypassed is shown in the figure above.
 - » Gently pull out the buckle from the retractor. When the safety belt goes around your body, be careful not to kink the safety belt.



- Fasten the Safety Belt
 - » Insert the clasp into the buckle slot until you hear a "click".
 - » Pull the shoulder strap upwards to tighten the crotch strap.



- Unfasten the Safety Belt
 - » To unfasten the safety belt, press the buckle button. The safety belt will retract automatically.

REMINDER

- If the safety belt is locked during pulling out, please release the safety belt first, and then pull it out to the desired length.

Maintenance of Safety Belts

The safety belt should be kept clean and dry. Avoid soiling the safety belt with sundries, oil and chemicals (especially battery solutions, etc.). The safety belt can be carefully cleaned with mild soap solution.

Ensure that the safety belt is not damaged by sharp objects or jammed into sharp objects.

 WARNING

- All safety belt parts should be checked regularly and damaged parts should be replaced.
- If the safety belt is torn or worn, it cannot protect you in the event of a vehicle accident. Impact force may break the safety belt. If the safety belt is torn or worn, it should be replaced immediately.
- If the safety belt has been broken (such as in a vehicle accident), even if no damage is found, a new safety belt should be replaced in time.

Warning for Not Fastening the Safety Belt

When the battery supply is ON and the key door power is ON, if the safety belt is not fastened, the buzzer will give an alarm at the frequency of 1Hz while the vehicle is driving (at a speed) for 6 times every 30S. After fastening the safety belt or the vehicle stops (without speed), the buzzer will stop the alarm.

Keys

 WARNING

- Do not leave children alone in the vehicle when the ignition key is plugged into the switch. Otherwise, children or other people may be seriously injured or even life-threatening. Because they may activate other electronic control devices or even drive the vehicle.

Brake

 WARNING

- When driving, please keep pace with the traffic flow, avoid unnecessary braking (especially emergency braking) and maintain a proper distance between vehicles. Too many times of emergency braking will accelerate the wear of the brakes, and there is also the risk of slipping the vehicle.

REMINDER

- The braking process reduces the speed of the vehicle through the friction of the brake and the friction between the tire and the ground. Slight friction sound during braking and the friction sound between the tire and the ground are normal, and no special treatment is required; the occasional squeal sound during braking is also normal. Because there may be other substances adhering to the friction surface during the use of the vehicle. The vehicle is not used for a long time or the friction surface is rusted after rain, etc., which may cause squeal. As long as the frequency of squeal is not high, no special treatment is required.

Brake Pedal Travel

If you find that the brake pedal does not return to the position or the brake pedal stroke has become longer, please be sure to check at the special after-sales service center. This may indicate a malfunction in the braking system.

New Brake Lining

If the brake linings are worn exceeds the specified limit value, do not continue to use it, and replace it with the new brake lining in time. Therefore, regular maintenance according to the "Maintenance Period and Data Sheet" is very important to your safety.

If it is necessary to replace the brake linings, please do it at a special after-sales service center to ensure excellent braking.

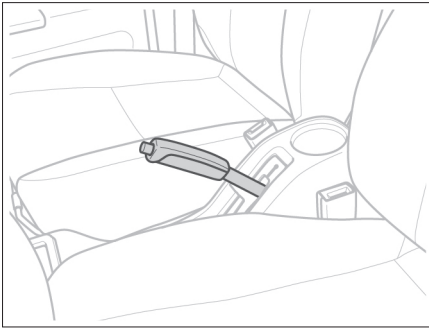
Two-circuit Hydraulic Braking Pipeline

The hydraulic brake system work with double circuits. If one pipeline fails, the vehicle can still use the other to brake. If this happens, press the brake pedal hard. In this case, the braking distance of the vehicle will be longer. In this case, please contact the special after-sales service center in time. To avoid affecting the pedal travel, do not install thick carpet in the brake pedal area.

! WARNING

- Please check whether the brake lights are in good condition before driving. After starting, you should drive at low speed and check the braking efficiency, especially after the vehicle has just been washed.
- A wet brake may cause accident. When the brakes are wet, they do not work well and may cause the vehicle to deflect and lose control. Therefore, after wading water or washing the vehicle, the vehicle should be driven at ultra-low speed and lightly step on the brake pedal intermittently to dry the brakes.

Parking Brake

**! WARNING**

- When driving, make sure that the handbrake is completely released, otherwise it will cause the brakes to overheat, the brake friction pads to wear out, and the power consumption to increase.

Steering

Turning at a safe speed is very important. Many accidents that occur due to "out of control driving" occur on curved roads.

Whether you are a skilled driver or a novice, you are subject to the same laws of physics when driving on curved roads. When you turn the front wheels, the friction between the tires and the ground causes the vehicle to turn.

The amount of friction when turning depends on the condition of the tires and road surface, the angle of turning and the speed of the vehicle. When driving on curved roads, vehicle speed is the only factor that can be controlled.

Suppose you are steering on a sharp turn, and the friction required for sharp braking is greater than the adhesion that the road can provide to the wheels, and the vehicle may lose control. This can also happen when you suddenly accelerate in a sharp turn. If this happens, release the brake pedal and drive at low speed after driving through the curve.

The speed limit road sign at the turning point reminds you that you should adjust the speed. However, the speed limit on the road signs is specified based on good weather and road conditions. In worse conditions, you should keep the speed lower.

To slow down when approaching a corner, you should slow down before entering the curve.

Overtaking

Overtaking may be dangerous. We hope that you can refer to our suggestions and choose whether to overtake and how to overtake based on the actual situation. In any case, safety should always be the first consideration.

Here are some suggestions for overtaking:

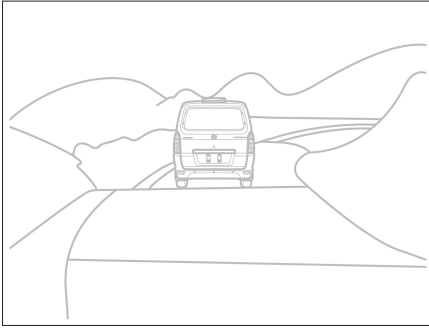
- Observe the conditions on the front, sides and intersections of the road, as these conditions may affect the way of overtaking. If you are not sure whether the overtaking will go smoothly, then you should wait for a better time.
- Pay attention to traffic signs, road signs and lane lines. If you see a turn or intersection sign ahead, postpone your overtaking.
- If you find that the driver in front does not notice that you are about to overtake, sound the horn before overtake.
- When waiting for overtaking, don't be too close to the vehicle ahead. Because if you are too close to the vehicle in front, especially a large vehicle, it will affect your vision. At the same time, if the vehicle in front of you suddenly slows down or stops, you will not have enough distance to stop.

Keep Vehicle Distances

When you overtake, you should check the rearview mirrors. Remember that the outside rearview mirror is a convex mirror, so the vehicle you are passing appears to be farther away than the actual distance.

If someone wants to overtake your vehicle, please provide convenience to the overtaking driver. Better drive a little to the right and slow down.

Driving on Mountain Roads



Driving on mountain roads is different from on flat city roads. If you often drive on steep mountain roads or you plan to go there, please pay special attention to the following:

- Ensure that all routine maintenance and repair have been completed. There is enough power.
 - Pay special attention to warning signs on mountain roads. For example: long slopes, overtaking or no overtaking areas, rockfall areas or curves, etc., and take appropriate measures.
-
- Be especially alert when driving on winding mountainous roads. There may be obstacles in the driveway, and your view may be blocked by the mountain and cannot be noticed in time.
 - Overtaking on uphill roads usually requires longer distances. If someone is trying to overtake your vehicle, please provide convenience to the overtaking driver.

Driving on Dangerous Road Sections

Driving on Sandy & Muddy Areas

When the vehicle drives through mud and sand, the adhesion of the tires is very small. At this time, acceleration is slow, steering is difficult and takes longer to brake.

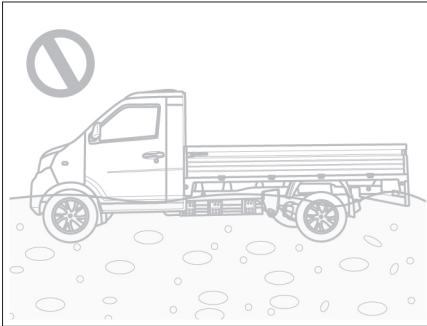
Do not turn the wheels if the vehicle is stuck in slit, mud, ice and snow. The vehicle may be drove out by swinging, but it must be handled cautiously.

Swing a Vehicle out of a Trap

First turn the steering wheel left and right, It will product an open space around the front wheels. Do not fast rotate the wheels. If the vehicle can't be drove out after several attempts above, it has to be towed out. If the vehicle shall be towed out, refer to Chapter 6, "Vehicle Towing".

! WARNING

- When the vehicle is stuck, do not keep the wheels from spinning at high speed. The wheels turning at a high speed will result in a tire burst at this time, causing injuries to you and other passengers. And it may cause the damage to the gearbox or other parts of the vehicle.

Driving in Deep Water

Avoid driving in deep water areas, even on urban paved roads. Deep water can make it difficult for the driver to accurately estimate what the situation is ahead of the wheels, causing a severe damage to the vehicle.

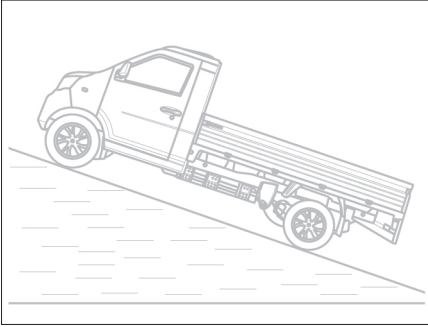
The minimum rule is that do not try to get through if the water is above the center of the wheels.

Be sure to drive at a constant slow speed if the vehicle must go through deep water areas. Also keep an eye out for oversize vehicles, which may cause a large waves, more likely to damage the vehicle.

! WARNING

- It may be very dangerous to navigate through flowing waters. Even if the water is only a few centimeter deep, it can prevent the tires from contacting with the road, causing the vehicle to lose adhesion and roll over.

Starting the Vehicle on a Slope



The handbrake shall be used simultaneously when starting a vehicle on a slope, to prevent the vehicle from driving backwards when starting. Step on the accelerator pedal slowly, until the vehicle tends to move forward, and then slowly releasing the handbrake, the vehicle is moving forward.

Driving in Rainy Days

When driving on a rainy day, the adhesion of the tires to the road is reduced due to the wet ground. You'd better lower the speed and keep the maximum distance between vehicles when driving.

Keep wipers in a good condition and washer fluid jug filled with cleaning fluid. The parts need replacing immediately if the wipers start to wear out or leave leaking areas on the windshield, or the rubber begins to separate from the plug-in components.

Water may affect braking performance. Try to avoid driving through puddles, and try to drive the vehicle through slowly if it can't be avoided.

After passing through a large puddle or vehicle wash, gently step on the brake pedal until the brake is proper functioning.

WARNING

- A wet brake may cause an accident. A wet brake cannot function well during an emergency braking and may cause the vehicle to skid and lose control.
- When driving on rainy days, if defogging is needed, the demister shall be used.

Driving in Fog

Lower the speed and turn on the fog lights when driving in fog, due to poor visibility.

The demister is used. The visibility can also be reduced by a slight condensation in the vehicle in case of high level of humidity.

The vehicle shall be stopped if the visibility drops to zero.

Driving at Night

Driving at night is more dangerous than in daytime. Here are some suggestions on driving at night:

- Headlights shall be used to provide a good visibility while maintaining maximum distance between vehicles.
- Keep the inside and outside of the windshields, both left and right clean. Dirt on the glass makes the glare at night more irritating to the eyes and affects vision.
- Be sure to remember that the headlights, when turning, cannot irradiate as far distance as when straight driving.
- Slow down a bit to avoid a direct sight at the approaching lights, when encountering the harsh glare (e.g., when the opposite vehicle does not turn off high beams, or its headlights are not working). If the glare disappears, wait until adjusting your eyes before accelerating.
- On ordinary roads or expressways, light up your low beams when tailgating other vehicle, otherwise the high beam glare will affect other drivers.

Auxiliary Storage Battery

Keep the surface and terminals of the storage battery clean usually. Each time after cleaning the joints, grease them to prevent rust.

Metal objects shall not be placed on the battery surface at any time, and check to ensure that the exhaust port is unblocked to avoid ignition or explosion accidents.

Even if the battery is sealed, the acid in it may burn the person. Prevent the acid from keeping in contact with the skin. In case of eye or skin contact, promptly flush

it with running water and seek medical attention.

 WARNING

- In case of contact with eyes or skin, rinse immediately with plenty of water for at least 15 minutes and use a boric acid solution, if possible, and seek medical attention immediately.
- When inspecting or repairing related electrical components, first turn off the start lock and disconnect the negative cable to avoid short circuit. Be sure to disconnect the anode and cathode of the storage battery if the vehicle will not be used for a long time.

When an Accident Happens

If the vehicle is damaged or crushed in a vehicle crash, you may be injured by the high voltage from the damaged electrical parts if you touch these damaged electrical parts.

 WARNING

- Do not touch high voltage parts and related wiring (orange cables) and connectors.
- If the wire is exposed inside or outside the vehicle, an electric shock may occur.
- Do not touch the exposed wires.

Do not touch the liquid if it leaks. Because it may be the strong alkaline electrolyte leaked from the storage battery.

In case of a fire, please leave the vehicle quickly and perform the following operations conditionally while ensuring personal safety:

1. Be sure to turn off the charging power source at the first time, and then start the next firefighting action in case of a fire caused by abnormal charging;
2. Eject with vehicle carbon dioxide or dry powder fire extinguishers in case of a smoking fire on the wire harness;
3. Extinguish at a remote distance with high-pressure water guns if the battery is on fire;

4. Please evacuate and seek medical advice as soon as possible in case of smoke inhalation.

When driving on the waterlogged roads, it is important to note that the depth of wading is not more than 15cm, the speed is not more than 10km/h, and the wading time is not more than 10 minutes.

 WARNING

- The vehicle is prohibited from passing through if the depth of wading is more than 15 cm.

If the vehicle falls into water or is immersed in waterlogged water due to accidents/ special circumstances, attention shall be paid to the following matters:

 WARNING

- The power supply shall not be turned on, otherwise it may cause safety risk or secondary damage to the vehicle.
- Notify the service center timely for further processing.

Charging Method

Charge with Charging Socket (Slow Charging)

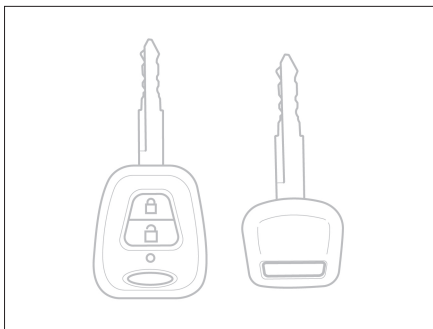
1. Charging socket requires 220V and 16A, matched with a special charging cable; the charging port cover is located on the Column B in the right-hand, and the opening mechanism is at the top left of the driver's left foot rest pedal; charging plus equalization take 10-15 hours.
2. Open the charging socket shutter, then open the charging port cover, before inserting the plug on the charging cable into the AC slow charging sockets on the vehicle.
3. Plug the other end of the charging cable into the power socket on the grid (220V, 16A).
4. Start the charging process when the indicator light on the instrument is lit and flashes, indicating that the charging has started.
5. After the charging is completed, the charger will stop working automatically, and the charging indicator will stop flashing and turn into a normal state. Pull out all the plugs on both ends of the charging cable cover the charging interface cover and close the charging socket shuttle door in the end.

Charging Pile Charging (fast charging)

1. Open the charging socket shutter and then open the charging port cover. The charging port is located on the Column B in the right side. Connect the charging (AC/DC) sockets;
2. After confirming that they are well connected, swipe card /scan the code and the card reader will acquire the correct IC card information;
3. Select the mode and input the corresponding parameters with the keyboard to confirm that the charging has started; the LCD displays the corresponding user information and the operation parameters of the charging pile;
4. After the card is swiped again and the charge is deducted normally, the consumption voucher is printed through the printer;
5. Pull out the plug, cover the charging port cover and close the charging socket shuttle door before ending the charging.

Key and Remote Control

Keys





Two keys are equipped for the vehicle to control the start lock and to open all the doors. Please keep the spare key in a safe place outside the vehicle to prevent the vehicle from being stolen.

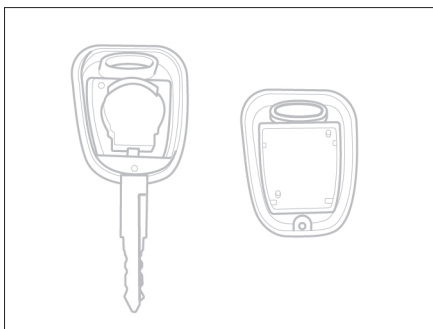
Remote Control

If your vehicle is equipped with a remote control. See the "Central Locking System" for the use of the remote control.

Please keep your remote control key (one) properly.

- Remote control(UNLOCK): 
- Remote control(LOCK): 

Replace the Battery of the Remote Control



1. Use a small cross screwdriver to unscrew the nails on the surface of the remote control, and then gently separate the front body and the back cover.
2. Remove the battery from the remote control carefully. Do not pull the battery out violently with hard metal.
3. Replace the battery.
4. Reinstall the remote control and ensure that the front body and the back cover are connected closely to avoid the entry of water.

5. Check the operation of remote control.

 WARNING

- It shall be noted to avoid the touch of the circuits when replacing the battery, because the transmitter will be damaged when the static electricity from the human body is conducted to these surfaces.
- Note the battery polarity.

Central Locking System

 WARNING

- When leaving the vehicle, lock the door at the side of the driver.

Central Locking Remote Control

Anti-theft setting

- IGN-SW OFF and all the doors are closed. Press the LOCK key to lock the doors. After the turn signal lamp flashes once and the anti-theft horn sounds once, the vehicle enters the anti-theft alert state.

Anti-theft release

- When the vehicle is in the alert state, press the unlock key, and the door is open. After the turn signal lamp flashes twice and the anti-theft horn sounds twice, the anti-theft is released.
- If the remote control is lost or invalid, use the emergency key to open the door at the side of the driver first. Do not close the door, and then turn IGN-SW ON ← → OFF back and forth for 6 times within 15s. At the 6th time, if the emergency key stays at the IGN SW ON position for 2s, the anti-theft can be released.

Anti-theft alert

- In the anti-theft alert state, if the door is not closed properly or the key is turned to IGN-SW ON, the turn signal lamp flashes for 25-30s, and the anti-theft horn alarms synchronously.

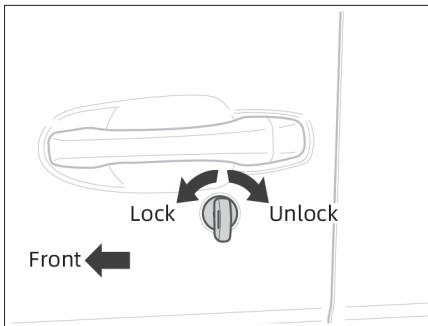
- Second anti-theft
 - » In the mode of IGN-SW OFF, if the door has not been opened within 25s after the remote control is unlocked, after the turn signal lamp flashes once and the anti-theft horn sounds once, the door will be automatically locked, entering the anti-theft alert state;
 - » If there is a trigger signal such as IGN-SW ON within 25s after the remote control is unlocked, and the door has been opened, this function fails.
- Remind for the door not closed properly
 - » In the anti-theft relief mode, when pressing the lock button, if one of the doors or IGN-SW ON is not closed properly, the horn alarms three times and the turn signal lamp flashes, indicating that the anti-theft is unsuccessful.
- Manual unlocking and locking
 - » By controlling the manual handle of the door lock motor at the side of the driver (left front door), the central door lock can be controlled to be unlocked or locked.

Remote control learning

- When the remote control is damaged or lost, the original remote control can be deleted from the memory of host by re-learning the operation, and then the new remote control is learned again. Learning methods:
 1. Long press the host learning button (>0.5s), use the emergency key to turn IGN-SW ON ← → OFF back and forth 3 times within 6s. At the 3rd time, if the emergency key stays at the IGN-SW ON position for 2s, the horn sounds once, and the turn signal lamp is on for a long time, indicating host is in the learning mode;
 2. After pressing any key on the remote control, the turn signal lamp flashes for 3 times and then goes out, indicating the successful learning of remote control, and the learning mode will be automatically quit in the system. After the system is in the learning mode, in case of no operation within 15s, the system will be automatically quit, and the original remote control remains unchanged;
 3. Only one remote control is allowed for learning in the system.

! ATTENTION

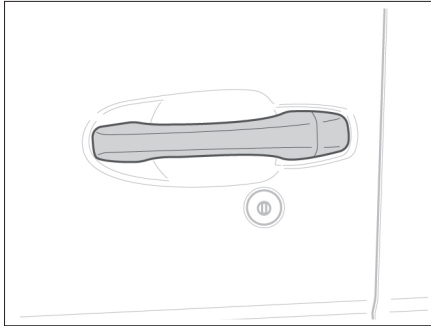
- Please use the remote control to open and close the central door lock in the alert state, opening the door by a key will trigger the alarm;
- Before the vehicle flameout and getting off, take away the remote control, and press the remote control lock button to lock the door in time after getting off and closing the door;
- Do not put two remote controls together to avoid accidental loss and troubles;
- Do not press the button of remote control randomly;
- In case of any water in the remote control, take out the battery at once, dry it with the hot air at the low gear in the electric hair drier, and wipe the battery dry;
- No response after pressing the button of remote control and no LED prompt be caused by low battery of the remote control battery. Please replace the battery in time. Battery model: CR2032, one piece.

Vehicle Door**Front Door**

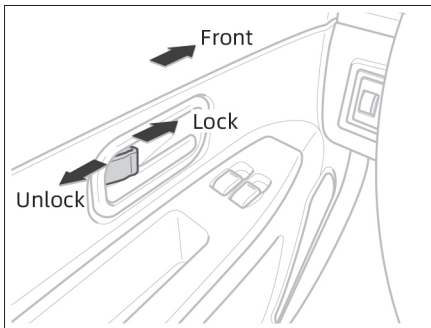
Outside vehicle: The vehicle doors can be locked or unlocked from the outside by using the vehicle key. Rotate the key forward to lock the door, and rotate it backward to unlock.

REMINDER

- Take the direction in which the vehicle head faces as the front. (The same below)

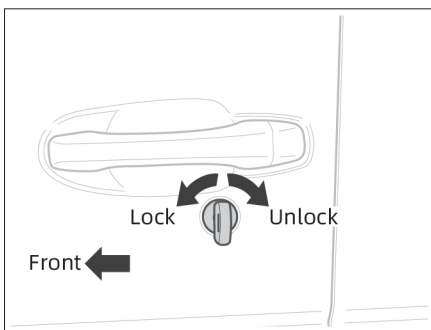


Outside vehicle: Instead of using the key, pull up the external door opening handle by using (moving outward) the internal lock safety, close the door, and after releasing the external door opening handle, the door will be locked.



Inside vehicle: The vehicle doors can be locked or unlocked from the inside by using the internal lock safety. Move backward the internal lock safety to unlock the door, and move forward to lock.

Central Door Locking System

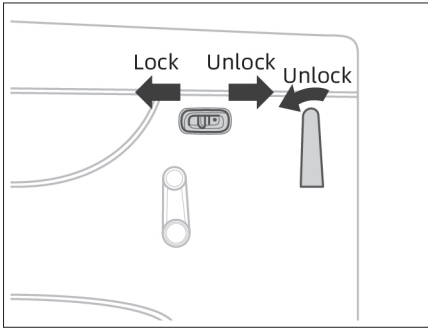


Central door locking system - operate from the door on the driver's side.

Unlock: To unlock all doors (excluding rear doors), rotate the key backwards or rotate the internal lock safety backward (inside window sill on the vehicle door).

Lock: To lock all doors (excluding rear doors), rotate the key forward or move the internal lock safety forward (inside the door window sill).

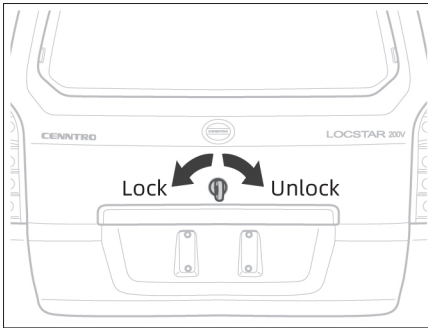
Middle Door



Unlock: Open the inner lock safety, and activate the inside or outside opening handle, the door will open instantly.

Lock: Press the inner lock safety first, then close the door, the door will be locked.

Back Door



Unlock: Turn the key clockwise to open the door lock, and then pull up the opening handle of the back door by hand to open the door.

Lock: Close the door firmly and turn the key counterclockwise to lock the door.

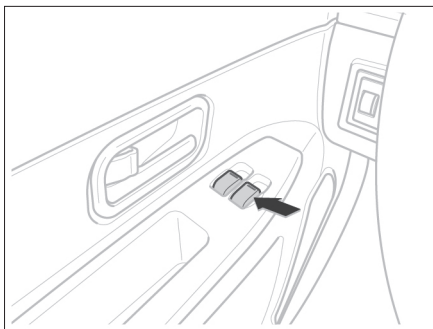
Notes: The LS200 Van has a backdoor, which other models do not have.

⚠ WARNING

- After the back door is closed, be sure to turn the key counterclockwise to lock it. Before leaving the vehicle, double check whether the opened back door is locked to prevent theft.
- Be sure to lock the back door before driving to prevent dust and exhaust gas from entering the vehicle, members or objects being thrown out of the vehicle and accidents.

Vehicle Window

Front Electric Window



This function is enabled when the ignition switch is located at the position "ON".

This system is controlled by the switches on the left front door and the right front door at the side of the driver. The figure shows that two buttons pointed by the arrow on the front door at the side of driver are able to separately control the lifting of the glass on the left and right front doors. The left switch controls the

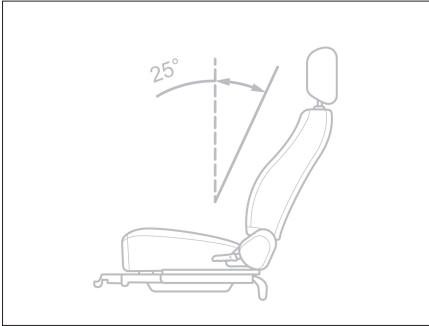
left front window, and the right switch controls the right front window.

Press the switch and maintain it to lower the window. Pull up the switch and maintain it to lift the window. Release the switch to stop the window movement.

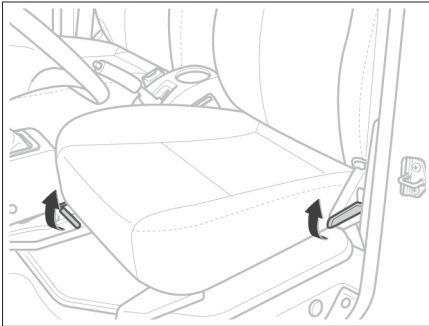
WARNING

- The use of electric window control switch may cause personal injury, particularly the hands, heads and other body parts of children. Therefore, the window can be closed after ensuring no object at the window.
- Pull out the key before getting off. Thus, children cannot play the electric window switch to avoid injury.
- After the electric window is on or off in place, the switch shall be released. Otherwise, the electric window system may be damaged.

Seats



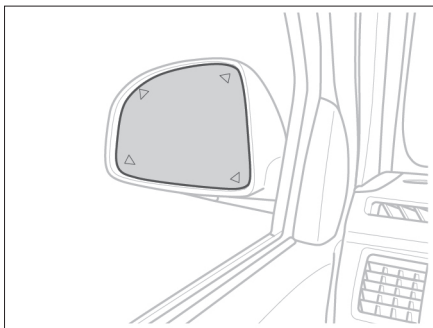
The initial design state is shown in the figure.



The backrest adjustment and the adjusting position of the anteroposterior position are shown in the figure:

- Backrest adjustment
 - » To adjust the backrest, pull up the adjusting handle outside the seat. After it is adjusted to the required angle, release the adjusting handle.
- Adjustment of anteroposterior position
 - » To adjust the anteroposterior position of the seat, pull up the front control handle, move the seat to the satisfactory position, and then release the handle.

Outside Rear View Mirror

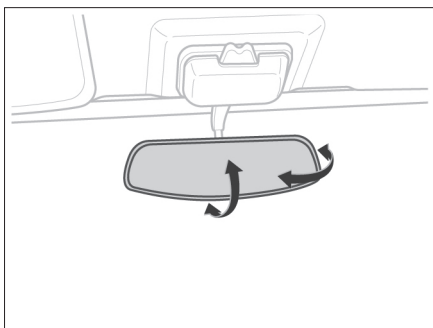


As shown in the figure, press four corners of the outside rearview mirror with hands to adjust it at the position suitable for the sight of the driver.

WARNING

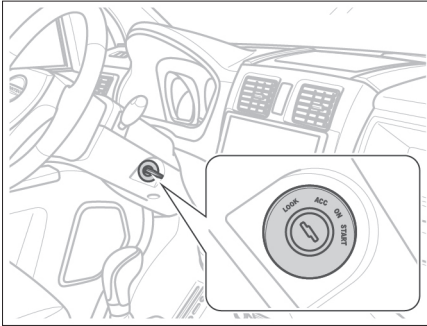
- Before driving, be sure to adjust the exterior mirrors according to the driver's position to maintain the rear view.

Inner rear view mirror



Adjust the inner rear view mirror to a suitable position before driving to ensure that the driver has the best view. Turn the inner rear view mirror by hand as shown in the figure.

Starting switch



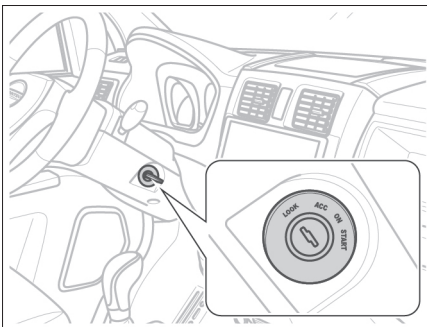
LOCK:This is the normal parking position, and the key can only be taken out at this position. The steering column can be locked after removing the key. Insert the key and turn clockwise to another position to unlock the steering column. If it is difficult to turn the key, turn the key while gently turning the steering wheel left and right.

ACC:Turn the key to this position, and power on the audio, cigarette lighter and other accessories. However, the driving motor doesn't work.

ON:Turn the key to this position, and power on the vehicle completely. The driving motor is in the pending state.

START:When the key is turned to this position, the high voltage is powered on. Release the key and it will automatically return to the "ON" position. Be familiar with the functions of various control devices and instruments before powering on the high voltage.

Locking and Unlocking Steering Column

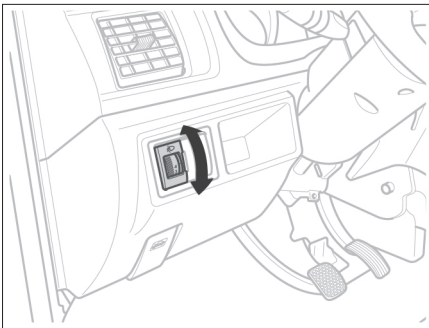


Turn the steering wheel slightly and turn the start key to the ACC position to unlock the steering column.

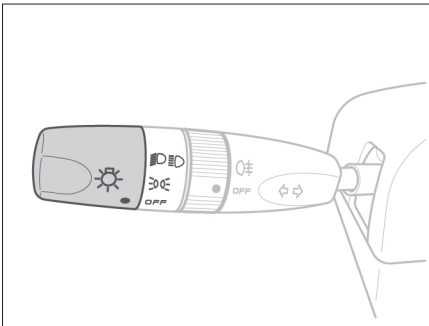
Remove the key from the LOCK position to lock the steering column. Then turn the steering wheel until you hear a lock click.

⚠ WARNING

- When the driving motor is not working, do not leave the key in the ON position, otherwise the battery will discharge.
- Do not remove the key while the vehicle is driving. Otherwise, the steering column will be locked, failing to control the vehicle.



Headlight Regulating Switch

The headlight height adjustment switch is installed on the left side of the dashboard, and the headlight height can be adjusted by rolling the knob.

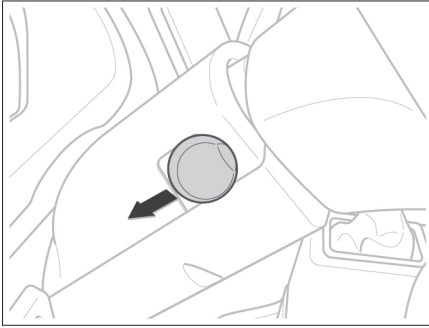
Headlight**Low Beam Light**


Turn the knob at the end of the combination switch to turn on or off the lights.

This switch has three positions:

- "OFF" position: All lights are off.
-  Position: Parking lights, tail lights, license plate light and instrument lights are on.
-  Position: Headlights (low beams) and all the above lights are on.

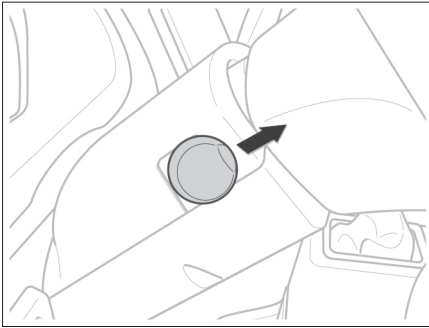
High Beam Light




When the light knob is at , push the operating lever toward the dashboard, and the high beam lights will turn on. Pull the operating lever back to the original position to restore the low beam.

When the high beam is turned on, the high beam indicator on the combination meter will be on.

Headlamp Dimming (Overtaking Lamp)

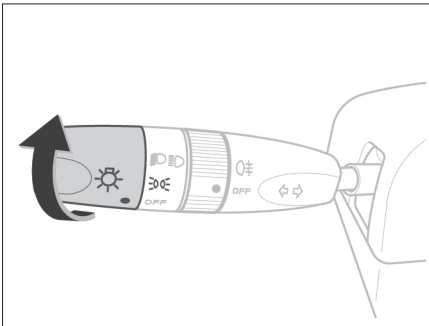




Dimming is used to blink high beams. When the light knob is at , pull the operating lever toward the steering wheel to open it. When the switch is released, it will return to its normal position.

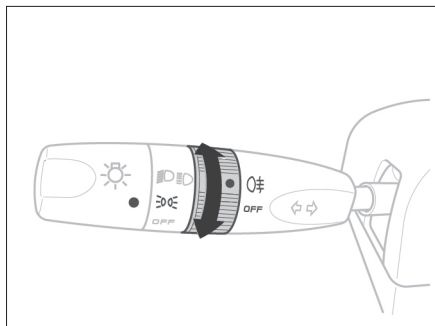
The headlamp dimming and turn signal lamp can be used at the same time.

Fog Light

When driving in fog or snow, fog lights can provide additional lights to improve visibility.

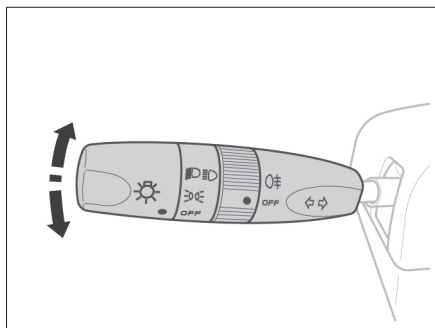


The fog light can be turned on only when the lamp switch is set to  or .



Rear Fog Lamp: Turn the middle position of the combination switch to the position OFF , the rear fog light will be on; at this time, the rear fog light indicator light on the combination instrument will be on. Turn to the "OFF" position and the rear fog light will turn off.

Turn Signal Light

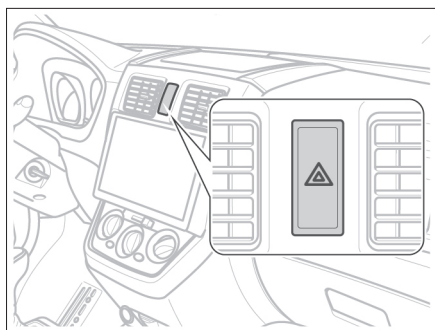


Turn the lever clockwise to turn on all right-hand turn signals. Turn the lever counterclockwise to turn on all left-hand turn signals.

When the steering is completed, the turn signal will go out and the switch will return to the normal position. But when the turning angle is too large (such as changing lanes, that is the steering wheel angle is small), the steering signal operating lever will not

automatically reset. In this case, just flick the operating lever to reset.

Hazard Warning Lights



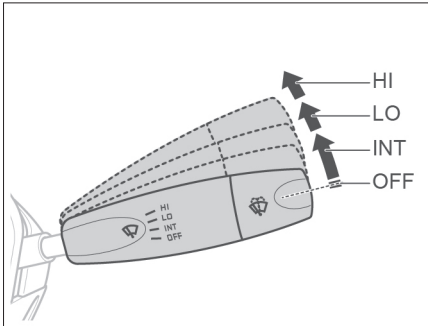
After pressing the hazard warning light switch, all the direction lights will flash at this time. Touch it once to turn off the lights.

The hazard warning light can still be used when the start switch is in the off position.

! WARNING

- The signal light shall only be used when parking in case of any emergency or when a vehicle has a traffic accident. It shall not be used for more than one hour when parking to prevent exhaustion of battery power.

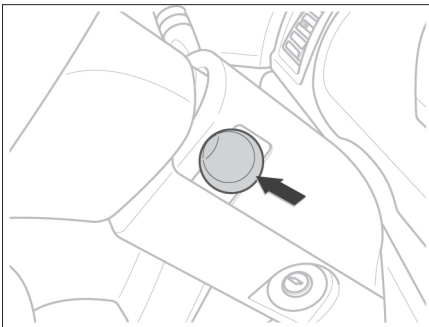
Front Windshield Glass Wipers



The ignition switch shall be in the ACC or ON position when using the wipers of the front windshield. Move the control rod to the following four positions as shown in the figure:

- OFF: Turn off.
- INT: Intermittent operation (intervals of a few seconds).
- Lo: Continuous low-speed operation.
- Hi: Continuous high-speed operation.

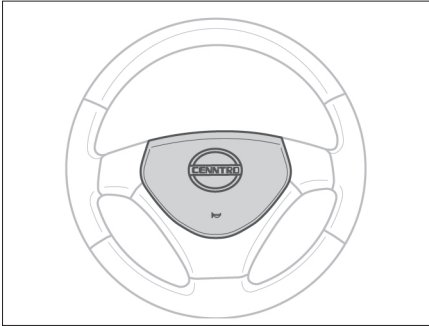
Front Windshield Glass Washers



The ignition switch shall be in the ON position to spray the cleaning fluid on the front windshield. Move the operating lever toward the steering wheel as shown in the figure. The washing liquid will be sprayed on the front windshield, and the wiper blade will start to slide; release the control rod, the wiper blade will continue to slide a few times.

Avoid using the scrubber continuously for more than 10 seconds.

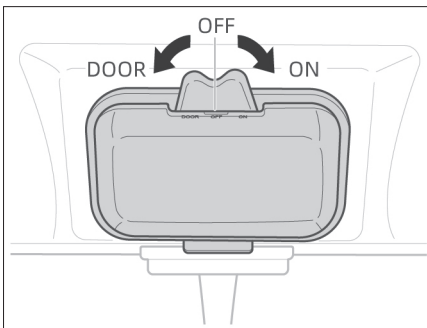
Horn Switch



Press the horn switch to activate the horn. The horn can function when the start switch is in any position.

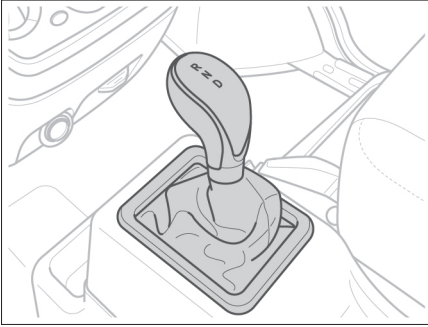
The use of the horn shall be avoided as much as possible.

Front/Rear Dome Lights



- "ON" Position:
 - » The light will turn on regardless of whether the door is open or closed.
- "OFF" Position:
 - » The lights will remain off, regardless of whether the door is open or closed.
- "DOOR" Position:
 - » The light will turn on when any vehicle door is opened.

Manual Gearbox



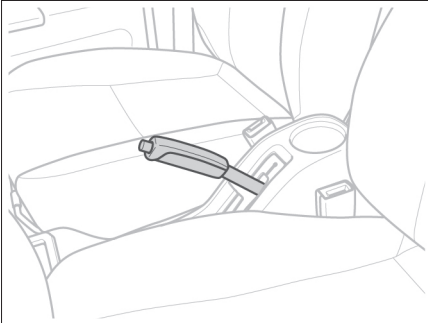
Shift lever position

- Right in the middle: N (Neutral)
- Backward: D (Drive)
- Forward: R (Reverse)

WARNING

- When the vehicle is not completely stopped, the reverse gear cannot be shifted. Only after the vehicle has been stopped and the brake pedal has been depressed, can the gearshift lever be put into reverse.

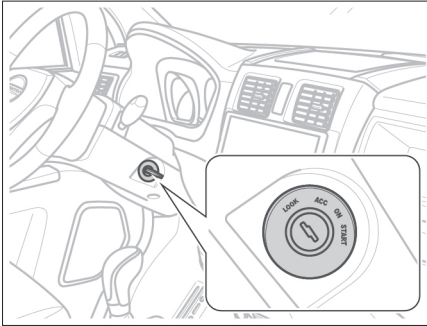
Parking Brake



WARNING

- When parking, please pay attention to the handbrake to avoid accidents caused by accidental movement of the vehicle.
- Before driving, make sure that the handbrake is fully released. Otherwise it will cause damage to the brake.

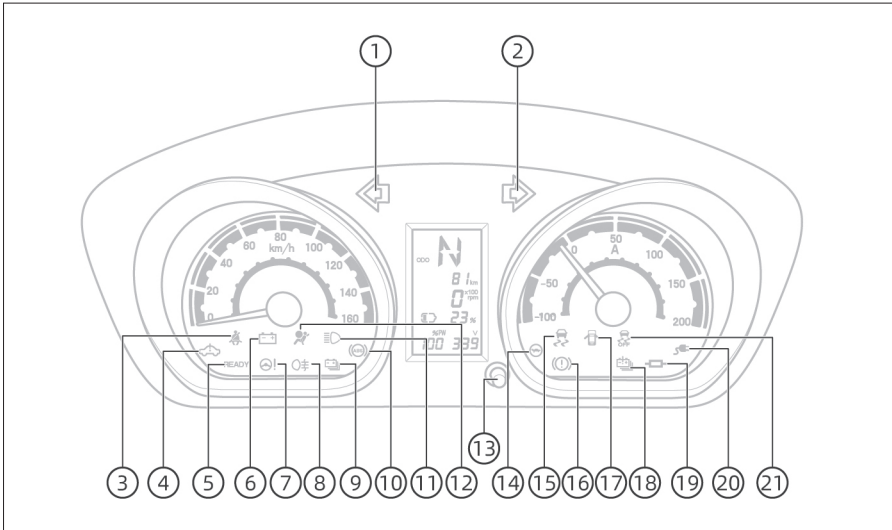
Start of the Driving Motor



Make sure that the gearbox is in neutral before starting.

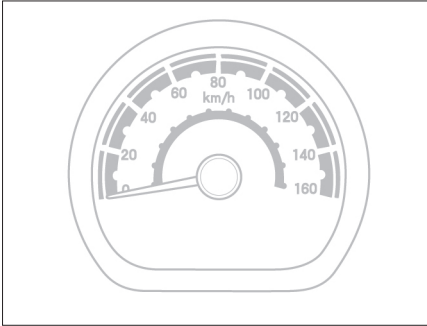
When starting, turn the vehicle's start switch key to the "START" position and power on the high voltage.

Combination Instrument



- ① Left-turn indicator
- ② Right-turn indicator
- ③ Safety belt warning indicator
- ④ Vehicle system failure indicator
- ⑤ Operational readiness
- ⑥ Auxiliary battery power loss indicator
- ⑦ Electric power-assisted steering system failure indicator
- ⑧ Rear fog light indicator
- ⑨ Power battery charge status indicator
- ⑩ ABS indicator
- ⑪ High beam lamp indicator
- ⑫ *Airbag failure indicator
- ⑬ Mileage display toggle rod
- ⑭ Driving power limit indication
- ⑮ *ESC failure indicator
- ⑯ Parking or insufficient vacuum pressure
- ⑰ Door-open indicator
- ⑱ Power battery failure indicator
- ⑲ Insulation forecast indicator
- ⑳ Charging cable connection indicator
- ㉑ *ESC OFF indicator

Speedometer

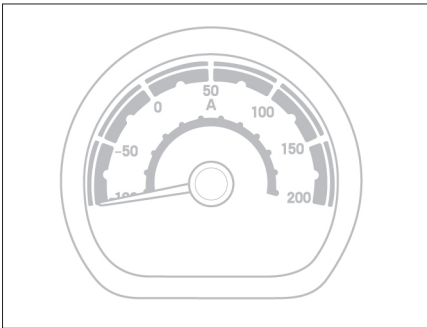


Display the current vehicle speed. 120-160km/h is in the red area(danger zone).

WARNING

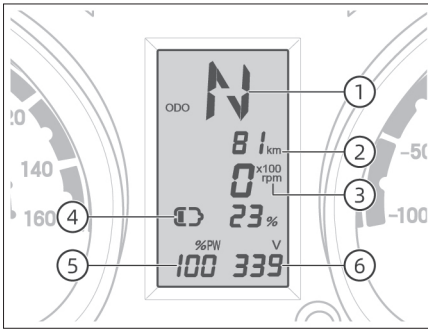
- When the speedometer shows the red zone, do not operate the driving motor. Otherwise, the driving motor may be damaged.

Power Meter



It is used to display the current power status of the vehicle. -100~0A - the power battery is in the charging state; 0~100A - the vehicle is running in the economic zone; 100~200A - the non-economic running zone with the large power output of power battery and the driving motor running; 50A per grid. The discharge current is positive, and the charging and feedback currents are negative.

LCD Screen



LCD screen with blue background light, white display font, positive display.

- ① Gear indicator
- ② Accumulative indicator of mileage
- ③ Current motor speed
- ④ Electric quantity indicator
- ⑤ Power battery output power
- ⑥ Power battery voltage

Accumulative Mileage

The accumulated mileage shows the total mileage traveled by the recorded vehicle. The total mileage cannot be reset.

There are 6 digits in total to display the total mileage, from 0 to 999,999km.

"0" in the left of the total mileage will not be displayed. Thus, it only displays 1,2,3... 10, 11... 100,... , 999,999.

Both the accumulative display of mileage and the subtotal display of mileage are displayed in the same zone of LCD, and the mileage display toggle rod is used to switch for the accumulative display of mileage and the subtotal display of mileage.

Indicating State Description of Indicator:

Special indicators: When the battery is powered up but the key door power is off, the left and right lights, position lights and door status indicator can work;

Other indicators: When the battery is powered up and the key door power is on, all indicators can work normally upon the actual state.

Turn Signal Light



When the turn signal control rod is turned, the indicator will flash. If the indicators flash more frequently than normal, there may be a problem in the turn signal lamp.

These indicators will also flash when the hazard warning light is enabled.

Rear Fog Light Indicator



When the rear fog lights are on, this indicator will be on.

Hand Brake Indicator Lamp



When the hand brake is pulled up or the brake fluid level is too low, the indicator will be on. The light will be off when putting down the hand brake. Please contact the Special After-sales Service Center immediately if the brake fluid level is too low.

Low Beam Indicator



When the low beams are on, this indicator will be on.

High Beam Lamp Indicator



When the high beams are on, this indicator will be on.

Door-open Indicator



If any vehicle door is not fully closed, this indicator will be on.

Sidelight Indicator



When the position lights are on, this indicator will be on.

Auxiliary Battery Power Loss Indicator



In case of auxiliary battery power loss, the indicator will give out alarm.

Vehicle System Failure Indicator



Key parts have any major fault and affect the vehicle driving.

Safety Belt Warning Indicator



It will give out alarm when the driver does not fasten the safety belt.

*Airbag Failure Indicator



*When the airbag is malfunctioning, it will give out alarm.

Notes: This vehicle is not equipped with airbags, please ignore this indicator light.

Operational Readiness

READY The vehicle is at its normal drivable state.

Electric Power-assisted Steering System Failure Indicator



When the EPS system is malfunctioning, it will give out alarm.

Motor Overspeed Indication

SPEED When the motor speed is too high, it will give out alarm to alert the driver.

Parking or Insufficient Vacuum Pressure



It will give out alarm when the hand brake is pulled up, or the brake system is failed, or the brake fluid level is low.

Power Battery Failure Indicator



The power battery is malfunctioning and the vehicle cannot drive normally.

Insulation Forecast Indicator



The power battery insulation is malfunctioning .

Charging Cable Connection Indicator



It indicates that the charging cable has been connected to the charging plug.

*ESC Failure Indicator



The ESC failure indicator light is always on when the electronic stability control system of the vehicle is malfunctioning.

*ESC OFF Indicator



ESC function is turned off when ESC OFF button is pressed and ESC OFF indicator is always on.

Power Battery Charge Status Indicator












It indicates that the power battery is malfunctioning. Although the vehicle can still be driven, it needs to be recharged as soon as possible.

Vehicle Multimedia







The display and control screen of the multimedia system is shown in the figure below.



S/N	Item	Symbols	Sign meanings
1	Main interface		Click to return to the main interface
2			Click open the recently run program
3			Click the close screen, and then click anywhere on the screen to resume
4			To return to the icon, press this button on any interface to return to the previous interface
5	Status bar icon		Read USB device display
6			The current system display time is shown here
7			This icon is highlighted on the top of the main interface to indicate that the Bluetooth connection is successful
8			GPS icon
9			This icon is highlighted at the top of the main interface to indicate that the network connection has been successful









Other operation instructions:

1. In any interface, slide down from the top of the display screen and slide out of the drop-down menu. In the drop-down menu, you can view the system notification information, adjust the brightness of the display screen, adjust the volume, open the Settings, open the wireless network connection and other operations.
2. Long press the application icon on the main interface, you can move the location of the application icon or delete third-party apps.

S/N	Item	Symbols	Sign meanings
1	The radio		The radio includes FM and AM. Click to switch (the blue button is selected)
2			Click the icon to automatically search for radio and save
3			Click up to conduct fine-tuning search; You can also drag the progress bar to manually search the platform
4			Click down to conduct fine-tuning search; You can also drag the progress bar to manually search the platform
5			Click to save to your personal collection
6			Click to view the collection











Other operation instructions:

Directly slide the frequency bar to drag to the station frequency you want.

S/N	Item	Symbols	Sign meanings
1	The Video		Click to play all video files on HD and USB, and swipe left to see all video lists
2			Click and swipe to the right to see the list of videos currently playing
3			Click to play video
4			Click to pause the video
5			Click to switch to the previous video
6			Click to switch to the next video
7			Zoom in the video
8			Zoom out the video





Other operation instructions:










When the video is playing, slide the playback progress bar to drag to the specified playback node.







S/N	Item	Symbols	Sign meanings
1	Music		Click to collect songs, collection icon turned red for successful collection
2			Click to view file library
3			The current playing mode is random. Click to switch to the cyclic list mode/single playing mode
4			The current playing mode is circular list play. Click to switch to random play mode/single play mode
5			The current play mode is single play. Click to switch to the cyclic list mode/random play mode
6			Click to play music
7			Click to pause music
8			Click to switch to the previous song
9			Click to switch to the next song
10			Click to enter the sound effect Settings

Other operation instructions:

1. Enter the list of songs, long press the name of the song to delete the song.
2. When playing music, slide the play progress bar to drag to the specified play node.

S/N	Item	Symbols	Sign meanings
1	The Bluetooth music		Click to play music
2			Click to pause music
3			Click to switch to the previous song
4			Click to switch to the next song

S/N	Item	Symbols	Sign meanings
1	Bluetooth		If "Bluetooth is not connected" appears in the input field, you can click this button to enter the Bluetooth setting interface
2			Click to enter the Bluetooth dialing interface
3			Click to enter the Bluetooth contact interface
4			Click to enter the Bluetooth call recording interface
5			Click to enter the Bluetooth collection interface
6			After the bluetooth connection is successful, the dial button is displayed, and the input phone number can be directly dialed
7			Click to hang up the number
8			Click to answer the number
9			The current call audio is the vehicle terminal. Click to switch to the mobile terminal

S/N	Item	Symbols	Sign meanings
10	Bluetooth		The current call audio is from the mobile terminal. Click to switch to the vehicle terminal
11			Call record, click to update the record on the mobile terminal and synchronize it to the vehicle terminal
12			Historical dialing records, click to update the records on the mobile terminal and synchronize them to the vehicle terminal
13			If you miss the call record, click to update the record on the mobile terminal and synchronize it to the vehicle terminal
14			Click to update the address book on the vehicle terminal
15			Click to check the address book on the vehicle terminal

Notice:

1. If bluetooth is not connected, the input field will appear "Bluetooth is not connected";
2. If bluetooth is connected, the input field will appear "Bluetooth connected successfully".

Sound

1. Click to select different types of preset sound effects;
2. The user mode can be customized to adjust the frequency band;
3. Heavy bass, surround and other sound effects can be customized;
4. Click the "Reset" button to restore the sound effect setting parameters to the default state.

File manager

1. Can perform file query, file expansion and other operations;
2. Can query pictures, video, audio, etc; Download pictures, manage storage space, picture, video, audio can be copied to the specified location.


Steering wheel key

1. Click the "Select button" to select the learning button;
2. Select buttons including: mode, power supply, navigation, main interface, volume +, volume -, FM, AM, search radio, previous song, next song, play/pause, mute, return, Bluetooth, hang up, answer, APP. Light up the required button and click "OK". Up to 12 buttons can be selected;
3. Short/long press; You can choose short or long press;
4. Start; Click start, select a function, and press the button on the steering wheel to learn success. Long or short press is optional;
5. Restore factory: Remove all keys to learn operation and restore to factory state;
6. Save: After learning, click save to exit the application.


Vehicle set

On-board Settings include:[Network][Bluetooth] [Display][Sleep][Body Settings] [Navigation Settings][Factory Settings][More Settings][About the vehicle-mounted machine]

1. Network

- »  Click into the WIFI connection interface; Optional network manual connection; Click on Advanced Show Flight Mode, VPN, private DNS.

2. Bluetooth

- »  Click to enter the interface for pairing with the new device. The device name can be used to search for all open Bluetooth, and the device can be paired by itself.
- » Click the connection preference Settings to set the page.

3. Display

- » Click to enter the display interface to set the brightness settings of day and night and wallpaper settings.

4. Sleep

- » Click to enter the hibernation interface to set the hibernation aging and hibernation mode.

5. Body Settings

- » You can enter the handbrake detection setting, and you can choose to open, close and cover respectively.

6. Navigation Settings

- » Third-party navigation software can be manually selected.
- » Mixing ratio: The ratio of the volume played simultaneously with other audio when the navigation voice is broadcast.

7. Factory Settings

- » This does not support customer operations.

8. More Settings

- » System Settings

System restart; Manual restart of on-board equipment;

Restore factory Settings; Restore factory Settings with one key (Note: restore factory Settings will clear the files in the system, please operate carefully).

- » Voice and input method

Pronunciation: You can add the required language;

Keyboard and input method: The input method can be switched;

Advanced: Input help item is currently displayed (pointer speed item has been added);

Date and time: Automatic network time or manual time adjustment is optional;

Sound: Adjust and set the main volume, installation media volume, Bluetooth volume, media volume when backing up, Bluetooth ringtone volume and navigation volume (if you want to restore the original state, please click to reset

the setting).

9. About the vehicle-mounted machine

- » Display vehicle-mounted Android basic information, storage information, hardware information and system information.

Reversing Radar System

This series of models are equipped with reversing radar system, when you put into reverse gear, the system starts to work and conducts self-test, then if the buzzer beeps once, it means the system function is normal; if the buzzer beeps twice, it means the system is faulty, please go to any authorized after-sales service center for maintenance.

Reversing

When reversing, a distance alarm starts at the same time as an obstacle is recognised within the detection range of the reversing radar. As the distance between the vehicle and the obstacle decreases, the time interval between the pulsing alarms also decreases.

When the distance is less than about 0.30m, the alarm becomes a continuous sound. Reversing should not be continued from here on at the latest.

Audible signal

The distance warning is issued by a buzzer mounted in the instrument panel.

WARNING

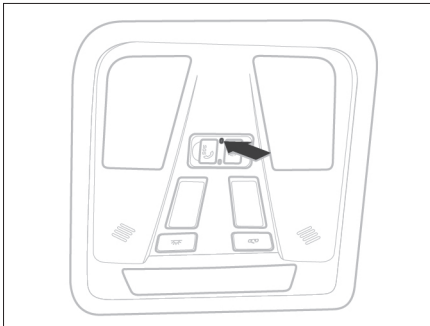
- The sensors have blind spots where they cannot detect objects. Please pay special attention to young children and pets, as the sensors do not detect them in all situations anymore, and there is a risk of accidents!
- The reversing radar system is not a substitute for the driver's judgment of external conditions. Reversing or similar behavioral operations still require the driver's concentration. Please always keep your eyes on the situation around the vehicle.

! WARNING

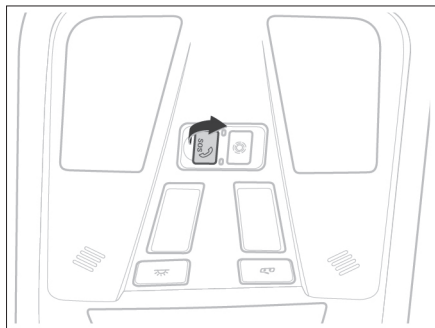
- As reversing proceeds, low obstacles that have been warned may disappear from the system's detection range, so the system will no longer give warning alerts. Some objects, such as chains, tow bars, small painted poles or fences, may not be detected by the system and may pose a risk of accident if not been observed.

E-call Switch*Function Introduction**

The in-vehicle emergency call system (*E-call) includes an emergency rescue terminal, SOS button, microphone and speaker, which realizes rescue service functions in coordination with vehicle components such as the vehicle computer, and 112 service centers and public rescue services.

***E-call Automatically Triggered**

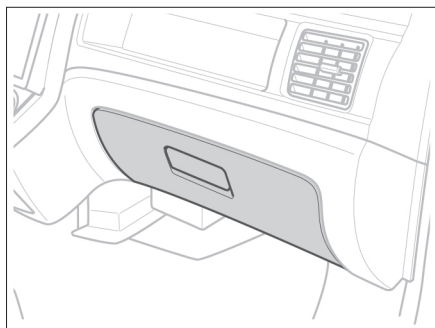
In the event of an accident, the LED in the illustration will flash. The *E-call will be triggered automatically, simply wait for the Emergency rescue call to be answered. If the LED is not flashing, please trigger the *E-call manually.

***E-call Manually Triggered**

1. Set aside the protective cover of the SOS button.
2. Press and hold the SOS button for 3s or short press the SOS button for more than 5 times until the LED light flashes.
3. Wait for the rescue call to be connected.

REMINDER

- When the E-call is manually triggered by mistake, start timing from the LED flashing, and short press the SOS button once within 6s to manually cancel the E-call call.

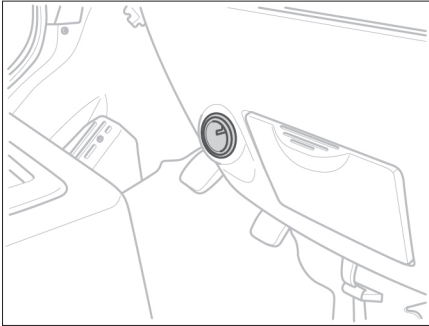
Glove Box

Pull up the handle on the glove box to open it. Press firmly to close the glove box.

⚠ WARNING

- The lid of the glove box shall be kept closed when driving, otherwise, an accident or emergency braking will cause more injuries.

*Cigarette Lighter

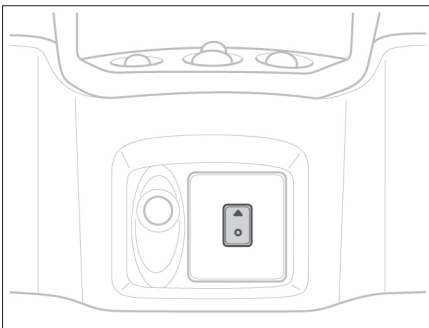


When the ignition switch is in the "ON" or "ACC" position, press the *cigarette lighter in place. The *cigarette lighter will pop up automatically after heating.

WARNING

- The *cigarette lighter may be very hot after use, so please do not put your hands on it.
- If the *cigarette lighter fails to eject automatically within 30 seconds, it indicates that the *cigarette lighter is malfunctioning. Pull it out gently and go to the Special After-sales Service Center for inspection.

*ESC OFF Switch

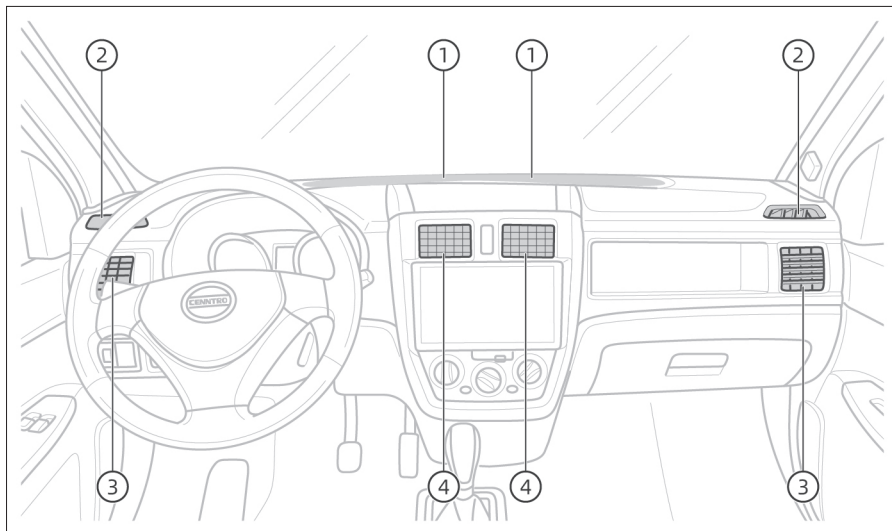


Press the *ESC OFF switch, the button indicator lights up, while the same icon indicator lights up on the instrument; it means the *ESC function is off.

A/C System

The A/C system includes a heating system and a cooling (A/C) system.

Vents on the Dashboard



- ① Defrost vent on the front windshield
- ② Defrost vent of the front window
- ③ Left and right side vents
- ④ Central vent

The direction of the airflow can be controlled by flicking the flap on the vent by hand.

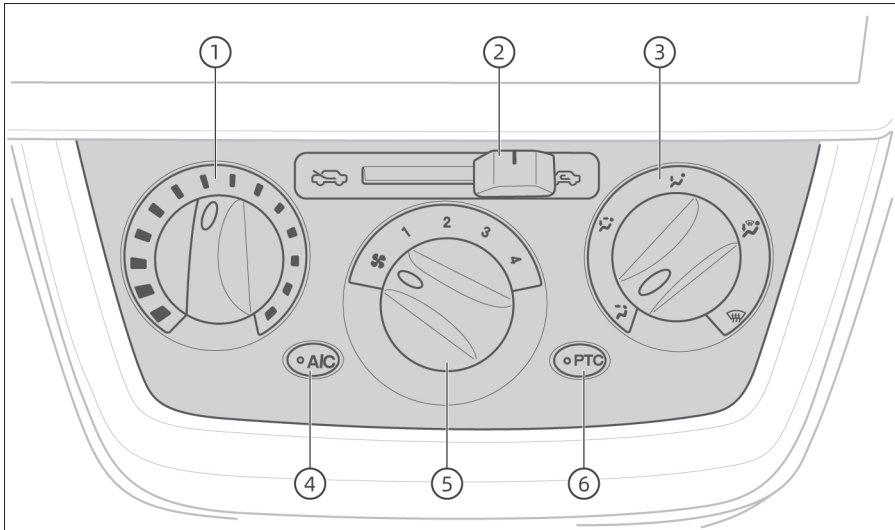
Heating System

The heating system provides heating, defrosting and ventilation.

Air Conditioner

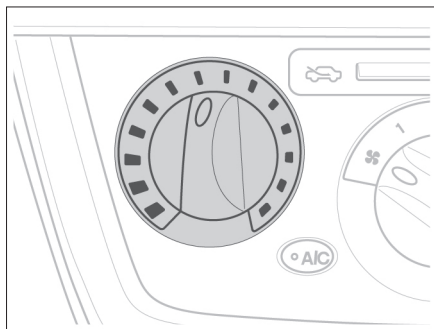
If the start switch is in "ON", adjust the air volume switch to adjust the air flow.

Air Conditioner Control Panel



- ① Temperature control switch
- ② Air-intake selector lever
- ③ Air distribution switch
- ④ Cooling switch
- ⑤ Air volume switch
- ⑥ Heating switch

Temperature control switch

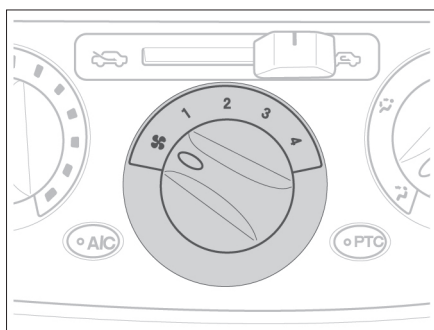


The temperature control switch is used to control the temperature of the air in the vent.

Blue position: Cold

Red position: Hot

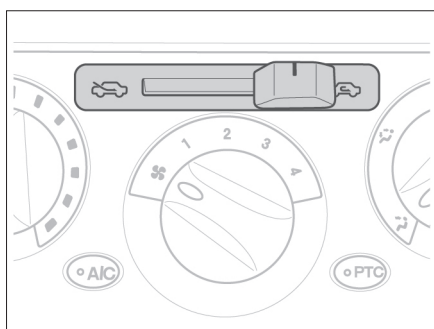
Air volume switch



The air volume switch provides fan speed control (there are 4 fan speeds).

The air flow rate can be adjusted by a fan. The fan shall be turned on during driving to improve comfort.

Air-intake selector lever



This is used to select the introduction of fresh air outside the vehicle or the internal circulation mode of the air inside the vehicle.

Fresh air mode 

- Outside air can enter the vehicle.
- This mode can be used for normal ventilation, heating or cooling conditions.

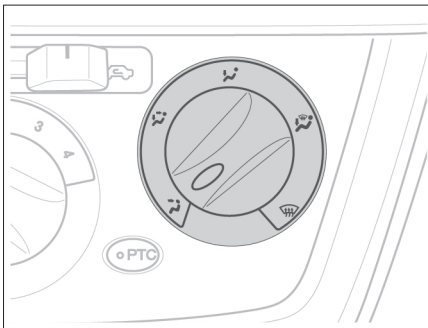
Indoor circulation mode






- Internal air circulates in the vehicle.
- This mode shall be selected when driving in a dusty or smoky environment outside the vehicle, or when fast air conditioning or heating is required.

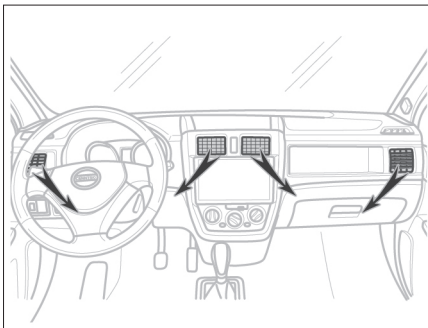
WARNING


- Continuous use of the indoor circulation mode may cause poor ventilation in the vehicle or fogging of the vehicle windows. Do not use this mode for a long time.

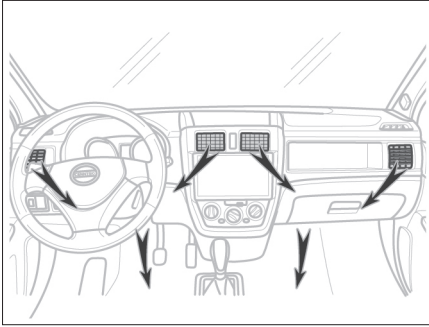
Air distribution switch




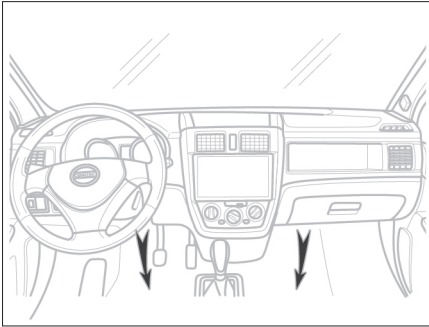
You can select the location of the air outlet by this switch. Include face 、stratified ventilation 、feet 、feet - demisting or defrosting 、demisting or defrosting .




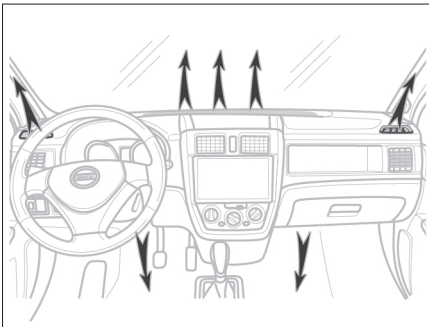
- Face 
 - » The air flow comes from the center and side vents (as shown in the picture), and the air is blown towards the faces of the passengers and driver.




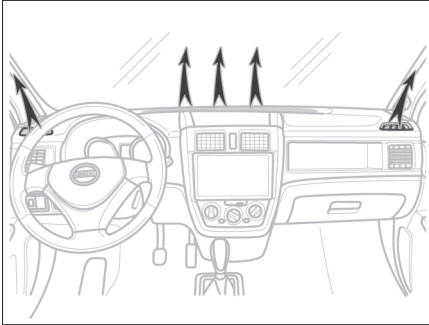
- Stratified Ventilation 
 - » The airflow comes from the center and side vents and below the instrument (as shown in the figure), and the air is blown toward the faces and feet of the passenger and driver.




- Feet 
 - » The airflow comes from below the instrument (as shown in the figure), and the air blows towards the feet of the passenger and driver.



- Feet - Demisting or Defrosting 
 - » The airflow comes from the defrost vents under the instrument, the front windshield glass and the front door window glass (as shown in the figure). At this time, the air blows to the feet of the passenger, the front windshield and the front door window glass.



- Demisting or Defrosting 
 - » The airflow comes from defrost vents on the front windshield and front door and windowglass(as shown in the picture). At this time, the air blows to the front windshield and front door window glass.

Cooling (A/C) System

The A/C system of this vehicle is front evaporator system.

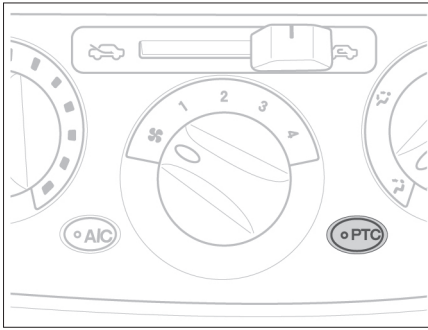
The cold air is sent out from the air outlets of the dashboard. The A/C switch is located on the air-conditioning control panel on the instrument panel and the air volume switch is located on the air-conditioning control panel of the instrument panel.

The heating system and the cooling system are an integrated functional design unit to provide the best comfort under any weather conditions in all seasons of the year. In addition to cooling the air, the A/C system can also defog, remove dust, and adjust the humidity of the air.

WARNING

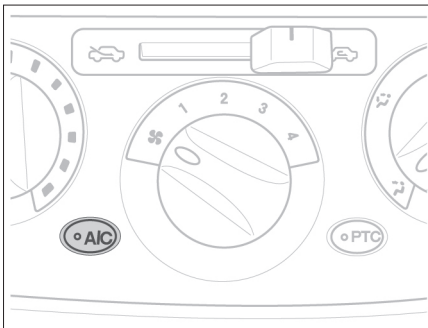
- When driving on a long slope or accelerating to overtake a vehicle, you should try to turn off the air conditioner. This is because if the A/C is used it may cause excessive battery load.

Heating switch



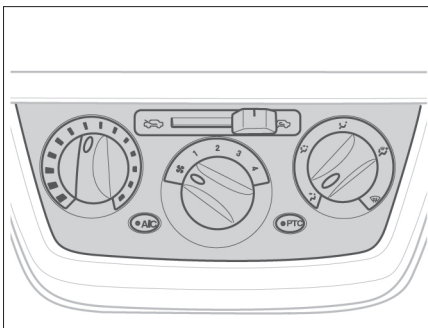
This switch is used to turn on and off the heating system.

Cooling switch






This switch is used to turn on and off the A/C system. Start the vehicle, turn the air volume switch to the desired wind speed, and press the cooling switch to turn on the cooling. The indicator light will light up when the cooling is turned on. If you want to turn off the cooling system, just press this button again and the indicator will go out.

Maximum Cooling Effect



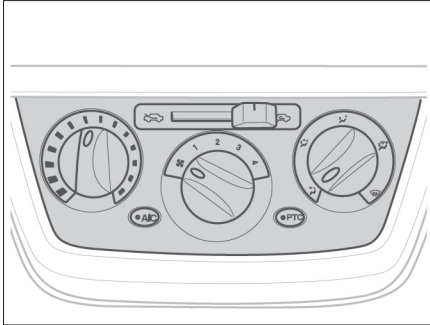
In the hot summer, of course you want to cool the vehicle quickly when the vehicle is exposed to the sun for a long time. At this time, please fully open the window to ventilate the vehicle. Then follow the steps below:

1. A/C switch: On
2. Intake control lever: 
3. Air distribution switch:  or 



4. Temperature switch: Turn clockwise to the end (blue)

5. Fan switch: Maximum wind speed

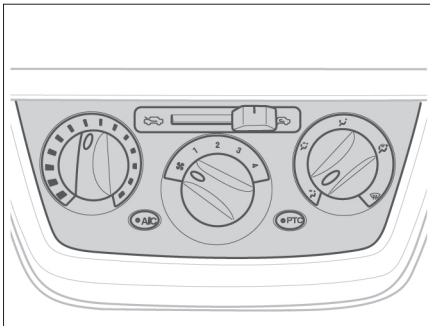
Normal Cooling under Normal Circumstances





Please follow the steps below to cool down when driving on urban roads:

1. A/C switch: On
2. Intake control lever: 
3. Air distribution switch: 
4. Temperature switch: Blue area (suitable temperature)
5. Fan switch: Desired wind speed

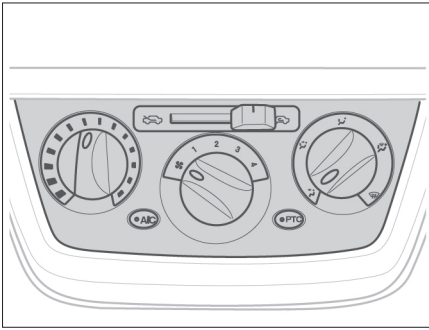
Ventilation at Room Temperature





Please follow the steps below for better ventilation at room temperature in pleasant weather seasons:

1. A/C switch: Off
2. Intake control lever: 
3. Air distribution switch: 
4. Temperature switch: Blue area
5. Fan switch: Desired wind speed

Maximum Heating Effect



If you want to warm the vehicle quickly in the cold winter, please follow the steps below:

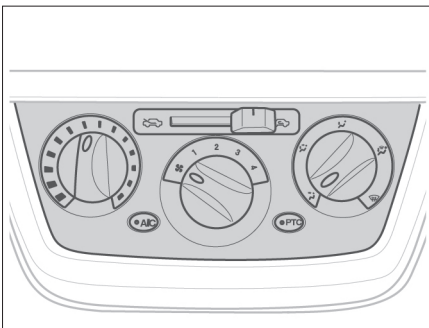
1. Heating switch: ON
2. Intake control lever: 
3. Air distribution switch: 
4. Temperature switch: Turn counterclockwise to the end (red)
5. Fan switch: Desired wind speed






WARNING

- Do not use the maximum heating function for a long time, because it may cause poor indoor air ventilation and fogging of windows. If the windows are foggy or wet, adjust the air-intake selector lever to the fresh air mode. This method can only be used for rapid heating and shall be returned to the normal position as soon as possible.

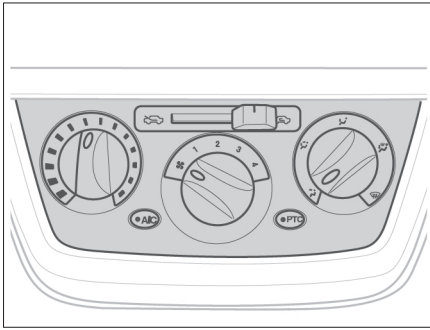
Heating in General Conditions







Generally, please follow the steps below when you want to use heating:

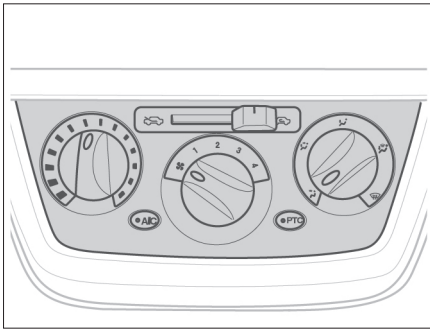
1. Heating switch: ON
2. Intake control lever: 
3. Air distribution switch:  or 
4. Temperature switch: Red area
5. Fan switch: Desired wind speed

Demisting and Dehumidification






Please follow the steps below for quick demisting/dehumidification:

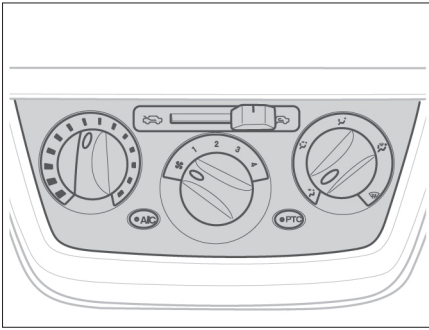
1. A/C switch: On
2. Intake control lever: 
3. Quick demisting/dehumidification
4. After the mist dissipates, adjust to 
5. Air distribution switch:  or 
6. Temperature switch: Blue area
7. Fan switch: Desired wind speed







If the weather is cold, you can also follow the steps below:

1. Heating switch: ON
2. Intake control lever: 
3. Air distribution switch:  or 
4. Temperature switch: Red area
5. Fan switch: Desired wind speed

Defrosting of Front Windshield and Front Door Window Glass



Please follow these steps:

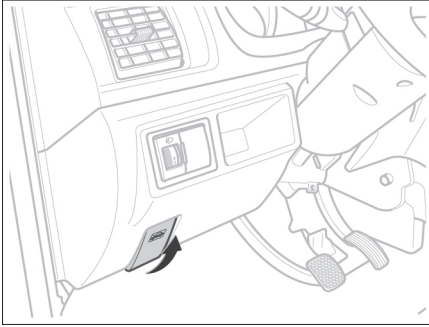
1. Heating switch: ON
2. Intake control lever:
 - External frosting 
 - Internal frosting 
3. Air distribution switch:  or 
4. Temperature switch: Red area
5. Fan switch: Maximum wind speed

Precautions for A/C System Operation

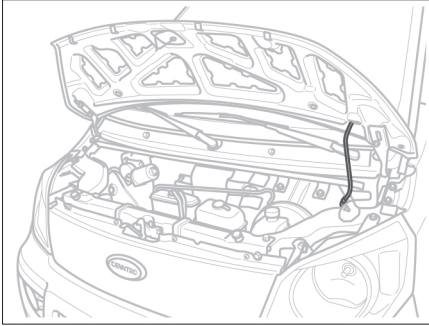
If the vehicle is exposed to the sun for a long time, the windows shall be opened for ventilation before turning on the air conditioner.

- To defog the glass in rainy weather, turn on the air conditioning and use cool air to lower the temperature inside the vehicle. This is the most effective way to remove fog in rainy and humid days.
- Insufficient air-conditioning may occur due to frequent parking and low-speed driving when driving in areas with heavy traffic.
- If the A/C system has not been used for a month or longer, you shall turn on the cooling system for a period of time once a week, even in winter. This will keep the compressor and oil seals properly lubricated to extend the service life.
- The air conditioner compressor will not operate when the air volume switch is in the off position.

Front Hatch



When opening the front hatch, first pull up the cabin cover at the bottom left of the dashboard to open the clasp.



Then lift the front hatch. Pull up the support rod and insert it into the hole in the front hatch.

Make sure that all filler caps are closed before closing the front hatch. Loosen the front hatch support rod and put it back. Put the front hatch down, release the front hatch at a height of about 30cm, and let it fall freely until a "bang" sound is heard, indicating that the front hatch has been locked.

WARNING

- Before driving, check that the front hatch is firmly locked to prevent accidents caused by the sudden opening of it during driving.
- Do not pull the cabin cover to open the clasp when driving the vehicle.
- Make sure that the vehicle will not move before opening the front hatch.

Driving Guide

1. When the key is turned to the "ON" position, the system starts self-checking, and the relevant failure light on the instrument lights up;
2. After the self-check is over, adjust the gear to "N" (neutral);
3. The vehicle is in a drivable state when the gear is in the "N" gear, and the key is turned to the "Start" position, the motor is started, and the status indicator shows "READY";
4. Shift the gear to "D" or "R" according to driving needs, and the vehicle can drive forward or backward when the driver step on the accelerator.

Driving Methods

Start: Release the parking brake, confirm that the gear is in neutral, step on the brake pedal, switch the start switch to the START position and stay for 1s-3s until the ready green light is always on. At this time, the vehicle is in a "ready to drive" state, shift the gear to "D" or "R" according to driving needs. When starting the vehicle, the driver steps on the accelerator pedal and the vehicle controller issues instructions. The motor controller controls the driving motor to generate torque according to the instruction.

Acceleration: When accelerating, the driver steps on the accelerator pedal, the vehicle controller issues instructions according to the control logic, and the motor controller controls the driving motor to provide corresponding speed and torque, increasing the traction force to accelerate the vehicle.

Driving: Keep the accelerator pedal position unchanged. Under this working condition, the traction and resistance provided by the driving motor are equivalent, and the vehicle runs smoothly.

Uphill: Step on the accelerator pedal when going uphill. At this time, the driving motor provides high torque to overcome the climbing resistance.

Slope starting: The handbrake shall be used simultaneously when starting a vehicle on a slope, to prevent the vehicle from driving backwards when starting. Step on the accelerator pedal slowly, until the vehicle tends to move forward, and then slowly releasing the handbrake, the vehicle is moving forward.

Braking: When going downhill or braking, release the accelerator pedal and depress the brake pedal appropriately according to the road conditions. During the brake pedal idle phase, the driving motor is transformed into a generator, which absorbs the movement energy of the whole vehicle and converts it into electric

energy to charge the power battery; the traditional braking system acts after brake pedal idle.

Parking: In the case of parking, the driving motor stops, and the driver shifts the gear to neutral, closes the key door, and raises the hand brake.

Driving Precautions

WARNING

Before Getting on the Vehicle:

- Visually check whether the tire is damaged or the inflation pressure is appropriate, and whether foreign objects are embedded in the tread pattern. Corrective measures shall be taken if necessary.
- Check for leaks or flammable materials in the lower part of the vehicle.

After Getting on the Vehicle:

- Clean up the loose items on the dashboard so that they do not obscure the view of the dashboard and prevent striking passengers during braking or colliding, thus causing personal injury or vehicle damage.
- Adjust the seats, interior and exterior mirrors, etc.
- Make sure all passengers in the vehicle fasten seat belts.

Before Starting:

- Check the working conditions of the indicators when the start switch is turned on.
- Check whether the shift lever is in neutral.

When Driving:

- Check if there is unusual burning smell at the electrical equipment or other electrical appliances due to high temperature.
- Check if there is leakage of the cooling or lubrication system.

Driving the First 2,500 Kilometers

Please observe the following precautions during the first 2,500 kilometers of the new vehicle to avoid shortening its service life caused by early wear and tear.

- Avoid fast starting, sudden acceleration and long-term high-speed driving to avoid damage to the driving motor and save power.
- Do not drive for a long time at a fixed speed. The moving parts will run in well if you constantly change the speed.
- You shall avoid sudden braking unless you encounter an emergency. This helps the brake to run in normally.
- Do not drive on poor roads.
- Do not tow any other vehicles.
- Try to avoid driving on roads with unfavorable conditions such as mud, sand, and steep slopes.

Brake

Make sure that there are no obstacles in the brake pedal stroke.

Try to avoid emergency braking.

Do not drive with the drive motor switched off, otherwise the brake booster will not work and the brake will need to be applied with greater force.

After driving through wet areas, especially after the vehicle has been cleaned, the brakes may reduce the braking performance due to moisture. Step on the brake pedal lightly until the brake works normally.

Do not use the parking brake when driving, otherwise the vehicle may slip and cause casualties.

How to Save Battery

Avoid starting sharply, accelerating suddenly and driving at the highest speed.

Maintain normal tire inflation pressure. Low air pressure will increase resistance, not

only accelerating tire wear, but also increasing power consumption.

Reasonably brake. Drive at an appropriate speed. In general, you shall relax the accelerator pedal in advance to reduce the speed. Avoid sudden braking as much as possible, except in an emergency. Unnecessary braking will not only accelerate the wear of the brake but also increase power consumption.

Do not be overloaded.

Turn off the air conditioner and other electrical appliances when they are not needed.

In heavy traffic, estimate the traffic conditions ahead and try to avoid stop-and-go.

The power consumption increases at high speeds, and the accelerator pedal can be properly released at this time. This will save power when the vehicle speed does not drop much.

Electrical System Maintenance

If the vehicle breaks down in an emergency, you must take the following safety measures:

1. Park the vehicle on the right side of the road or on the road shoulder, use the parking brake, and turn off the power.
2. Turn on the hazard warning lights.
3. Take out the safety tripod and place it in a proper place behind the vehicle.
4. Contact the Special After-sales Service Center as soon as possible.

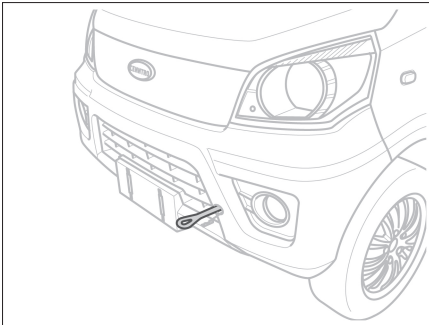
WARNING

- When repairing the electrical system, make sure the vehicle is powered off and disconnect the negative lead of the auxiliary battery. Serious errors may result if you ignore this warning.

Vehicle Towing

If it is necessary to tow the vehicle, it is recommended to let the repair station or towing service agency do it.

For emergency towing, please refer to the following precautions:



1. The pull wire from the vehicle is connected to the front tow hook welded on the body rail; and the tow hook must be tightened securely. The picture on the left shows the position of the tow hook.

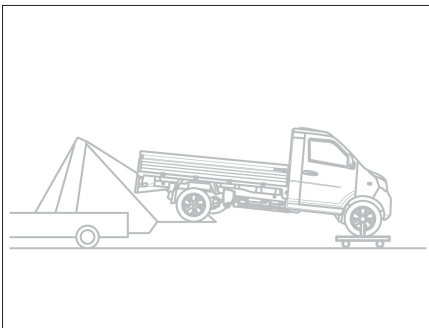
2. The vehicle shall turn on the hazard warning lights.
3. The start key shall be set to the "ACC" position to unlock the steering wheel, so as to use the brake lights, horn and wiper.
4. The shift lever shall be placed in neutral and the handbrake shall be released.
5. Avoid sharp turns and drive slowly.
6. Prevent the entry of exhaust gas from the tractor-trailer ahead close the window, and set the air circulation knob to the inner circulation position.

Emergency Towing

If it is necessary to tow, it is recommended to let the repair station or the towing service agency do it.

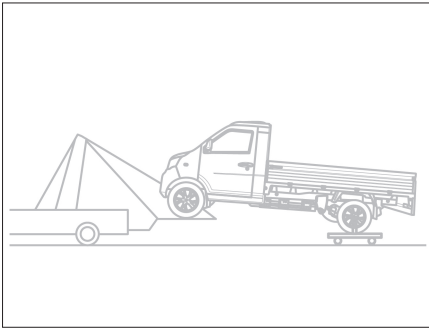
Brackets shall be used if tires or axles are damaged.

Front-wheel Landing Towing



A small vehicle is recommended. If the small vehicle is not used, the shift lever must be put into neutral and the start key shall be on the "ACC" position.

Rear-wheel Landing Towing



The parking brake shall be released, and the shift lever shall be put into neutral.

WARNING

- No one is allowed in the vehicle when carrying out the two-wheel landing towing.

Roadside Breakdown

If your vehicle breaks down in sand, mud or snow, please contact the repair station or towing service agency immediately.

Blowout

WARNING

- Do not brake suddenly when a tire blows out while driving, otherwise the vehicle will lose control. Stabilize the direction, step on the brake pedal slowly to slow down the vehicle, and stop near the road.
- If possible, try to avoid replacing tires on slopes or soft ground.

Replacement of Tires

Jack and Tools

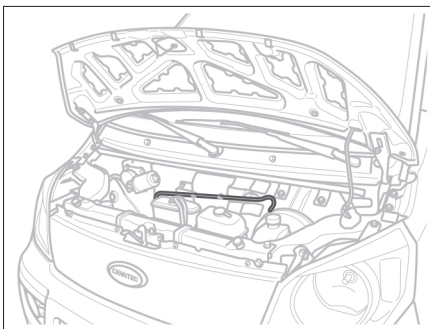
The jack and rocker of the new car are fixed under the front cover of the vehicle. The attached toolkit and warning triangle are placed on the floor in front of the passenger seat.

The following shall be observed when replacing tires:

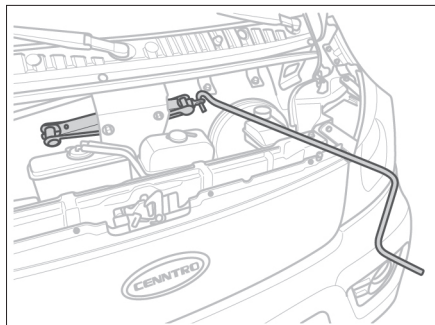
- Do not go to the bottom of the vehicle supported by the jack.
- When replacing tires, do not leave the driving motor to continuously run or start the vehicle.
- Only use the jack when changing tires.

Steps to Replace Tires:

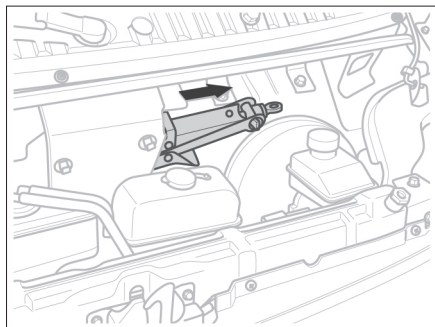
1. Park the vehicle on flat roads as possible.
2. Turn on the hazard warning lights and pull on the handbrake.
3. Position the gearbox shift lever in neutral.
4. Place the warning triangle in a proper place behind the vehicle.
5. Block the wheel diagonal to the tire to be replaced with a wooden block or stone.



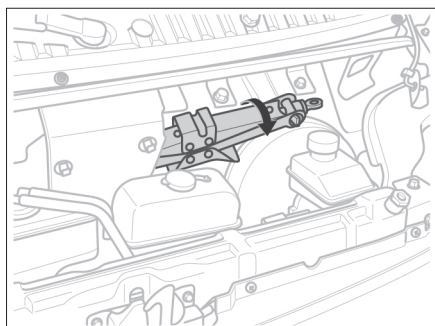
6. Take out the jack.
 - » Open the front hatch, see Chapter4 "Front Hatch" for relevant operating instructions.
 - » Take out the jack rocker.



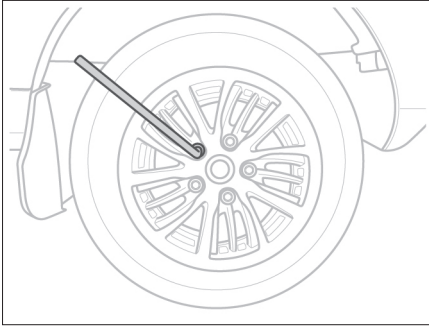
- » Insert the hook end of the jack rocker into the top end of the jack, and rotate the jack rocker counterclockwise to shrink the jack.



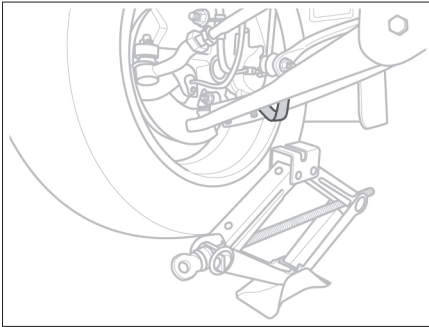
- » Move the jack towards the upper right to the rear of the brake liquid storage tank.



- » Rotate the jack counterclockwise to the position shown in the figure, and move towards the lower left to take out the jack.

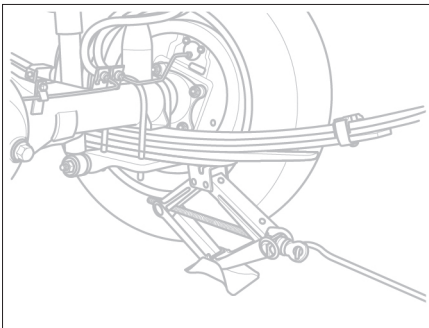


7. Use a tire nut wrench to loosen the wheel nut, but do not loosen it completely.



8. There are places for erecting jacks on the front and back of the vehicle.

- » Front axle: As shown in the figure, the jack shall be held under the lower swing arm, and the jack support surface shall be placed between the fastening nut and the V-shaped corner piece.



- » Rear Axle (Steel Plate Spring): As shown in the figure, the jack shall be placed under the Steel Plate Spring.

9. Rotate the jack rocker clockwise until the tire is completely off the ground (about 3cm). Do not set the top of the vehicle too high.

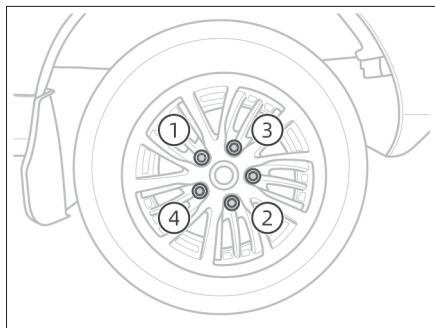
10. Loosen the wheel nuts completely.

11. Use a screwdriver to remove the wheel trim cover.

12. Replace the tire.

13. Reinstall the tire nuts and tighten them initially.

14. Lower the vehicle.



15. Tighten the bolts in a cross order (in the order of 1-2-3-4 as shown in the figure below) and install the wheel trim cover.

Tightening torque: 90N·m~110N·m

16. Put the replaced tires, tools and jacks back in their original places.

WARNING

To avoid vehicle damage and serious personal injury:

- Except for the above designated parts, do not place jacks in other positions. The jack should be placed on a flat and hard pavement.
- Before lifting the vehicle, all passengers must leave the vehicle and stand in a safe place away from traffic roads and vehicles.
- Use the correct wheel nuts and make sure they are locked.
- Use blocks to fix the wheel that is diagonal to the tire to be replaced.

Fuse Replacement

Steps to Replace the Fuse:

1. Open the lid of the box, and the fuse of the corresponding circuit can be seen on the inside.
2. The blown fuse can be seen from the outside. Do not replace the fuse before determining the cause of the burn (overload, short circuit, etc.). Use a fuse of the

same specification when replacing.

3. Install the new fuse in its fixed position, snap it in, and install the box cover.

Bulb Replacement



WARNING

- When the light is turned off immediately after lighting, the bulb is very hot. Pay attention to preventing burns.
- The halogen lamp is filled with the pressurized halogen gas. If damaged or dropping on the ground, it may burst. Be careful during replacement.
- Please contact the Special After-sales Service Center if the bulb is frequently burned out which shows the circuit defects.

External Cleanup

The best way to keep the vehicle finish is to wash it frequently and keep it clean.

Cleaning

The windshield wiper shall be removed first.

Then the dust shall be removed and a lot of clean water shall be sprayed on the body.

Please do not spray water directly on the radiator during cleaning, and do not damage the radiator core (fins), otherwise the system performance will be reduced.

If necessary, a neutral detergent or detergent shall be used, and a sponge or soft cloth shall be used to scrub the rinsed area. All cleaning agents or detergent shall be removed before drying.

Different brushes or cloths shall be used when cleaning the windows to prevent the windows from getting oily.

A lot of water and a mild cleaning agent shall be used when cleaning the rubber trim of the wiper blade.

Asphalt or dust stains can be cleaned up with solvents. It is best not to use solvents to clean the entire body.

It shall be properly dried after washing.

WARNING

- Many cleaners are toxic or flammable, and may damage the vehicle. Therefore, do not use volatile solvents such as acetone, paint thinner, bleach or reducing agent when cleaning topcoat parts. Never use gasoline as the cleaning agent.
- It is recommended to remove the stains in time to prevent the stains from being left behind.

Waxing

Wax shall be applied to the outer surface of the vehicle to protect the topcoat. The vehicle shall be washed and dried before waxing. If the topcoat is heated, the vehicle shall be placed in a cool place before waxing, and the outer surface shall

be cooled.

WARNING

- To protect the top coat:
 - » Do not wipe the surface of the vehicle hard or wipe it with a coarse cloth.
 - » Never use steel wool or abrasive cleaners.
 - » The wax shall be applied in accordance with the relevant waxing method.

Polishing

In view of the corrosive nature of most polishing products, polishing shall be carried out in the Special After-sales Service Center.

Inside Cleaning

Carpets and Interior Decoration Materials:

- Use a vacuum cleaner or scrub with cloth to get a good cleaning effect.
- Use a brush or sponge moistened with water and soap when removing dirt or dust from the lighting lamp.
- Remove excess grease first. Then scrub with a cloth dampened with phenyl solvent.
- Do not use too much cleaning solvent, as it may penetrate the upholstery and cause damage.

Door Liners, Plastic and Vinyl Parts

Only wipe with a wet cloth and dry with a dry cloth.

Grease or oil stains shall be cleaned with a wet cloth and mild soap solution, and then dried with a clean cloth.

Smoke and residues, dusty surfaces and steam on the plastic liner shall be cleaned with oil leather and mild soap solution frequently.

Seat Belt

Be sure to avoid seat belts contacting objects with cutting edges or sharp edges.

Seat belts, buckles and fasteners shall be checked regularly. If there is dust, clean it with mild soap solution and warm water. The safety belt should be kept clean and dry.

Glasses

Avoid sticking decals on vehicle windows, as they can easily cause scratches when scratching off.

Additional Maintenance

Paint Scratches and Foreign Objects

When the paint peels, cracks or scratches, it shall be repaired in a Special After-sales Service Center in time, because the exposed metal will corrode rapidly and become more and more serious.

If traces of tar, road marking residues, tree sap, bird droppings, factory chimney chemicals and sea salt are found, they shall be cleaned up in time.

Solvents are allowed to remove the tar and paint residue (refer to "Cleaning" in the "External Cleaning").

Underbody Maintenance

Salt solution and other corrosive agents can accelerate the rust and damage the underbody parts, such as brake pipes, body floor, metal lining, "motor, electric control and battery" system, bracket and parking brake cable. In addition, if soil, debris, and dust accumulate in the recesses of the fenders, they may become moisture condensation points.

The underbody of the vehicle shall be washed regularly to reduce the degree of damage.

Spraying

Do not spray lubricating oil on the bottom of the vehicle body, because spraying lubricating oil will accumulate dust and damage the installation parts, gaskets and

hoses.

Door Inner Liners

The opening at the lower end of the door can allow cleaning fluid and water to flow out, and it shall be cleaned frequently to prevent corrosion due to long-term accumulation of moisture.

WARNING

- The temperature of the upper part of the instrument panel and glove box can be close to 100 °C under long-term sunlight. Therefore, do not place lighters, tapes, computer disks, laser discs, and sunglasses in this place, because they may deform or even burn at high temperatures, which will not only damage objects, but also vehicles.

Vehicle Maintenance

In order to improve efficiency of your vehicle's power conversion driving safety of the vehicle and the value of the vehicle at resale, it is important to carry out various maintenance at the recommended cycle.

The driving maintenance time interval and the driving mileage are able to determine the time for the next vehicle inspection (refer to the Chapter 10, "Maintenance Period and Data Sheet" on of this manual for the recommended inspection time interval).

Do not repair the driving motor, power battery, chassis or related safety components by yourself, because lack of relevant maintenance knowledge, incorrect maintenance will affect the safety performance of the vehicle, which may damage your own safety, endanger the safety of other drivers and passengers, and directly lead to the loss of your right to claim.

The Special After-sales Service Center of CENNTRO knows the state of your vehicle best and hopes you have a pleasant driving. We hope you go to the Special After-sales Service Center of CENNTRO, for all necessary repairs. You will get genuine parts and good service from maintenance personnel trained and technically supported by CENNTRO.

Time Interval or Mileage

If the vehicle is not used frequently and the mileage is not reached in a year, then the maintenance shall be performed at recommended intervals, not mileage.

Braking System

Brake Fluid Level

Brake fluid is corrosive, so excessive volume will damage the paint surface of the vehicle. The brake fluid level shall not exceed the maximum level "MAX" or be lower than the minimum level "MIN".

DOT3 brake fluid must be used, and brake fluids of different specifications cannot be mixed.

When filling the brake fluid, open the storage tank cover first, fill it up to the point close to the maximum fluid level (MAX) mark, and then tighten it.

If you must fill up all the brake fluid, you need to send the vehicle to the Special

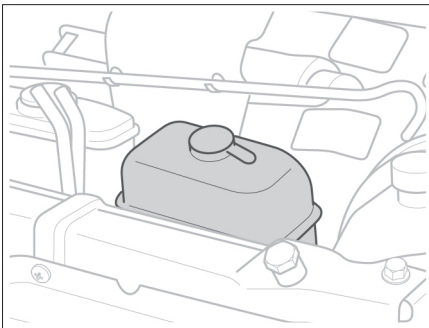
After-sales Service Center to find out the cause of the brake fluid leakage and repair it.

Replace the Brake Liquid

The brake fluid shall be replaced at the intervals specified in the "Maintenance Period and Data Sheet".

Windshield Wipers and Washers

Check and Maintenance



Maintaining good performance of windshield wiper blades and a clear view of the driver are necessary for safe driving. Blades shall be checked frequently. It can be cleaned up with clean water and mild soap solution. Do not make any adjustments to the parts and make sure that the windows are not scratched by stones or foreign objects.

Replace the failed blade with a new blade for safety.

Blade Replacement

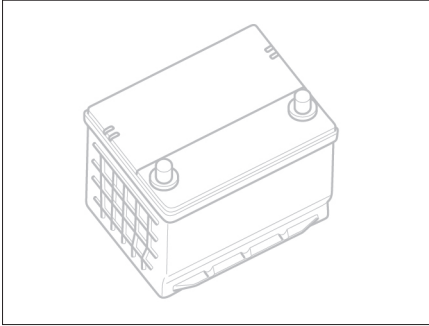
The locking lug shall be pressed, and the Blade shall be pulled apart and removed. The effective use of the blade has a limited period of time due to long-term exposure to cold, heat, ozone, air pollution or UV light.

The service life of the blade depends on the frequency of use and environmental conditions.

! ATTENTION

- Do not operate the wiper if there is no water in the scrubber, otherwise the rubber strip and the motor will be damaged.
- Please use qualified detergent.

Auxiliary Storage Battery



Always keep the battery surface and terminal clean. After each cleaning, grease shall be applied to the joints to prevent rust. Do not allow other metal objects to come into contact with the terminals.

If the vehicle is not used for more than 30 days, the battery shall be disconnected to prevent battery discharge. The battery shall be charged once a month to extend its service life.

! ATTENTION

- The electrolyte ratio shall be readjusted in cold areas below -5°C . Please go to the designated Special After-sales Service Center to make adjustments.

! WARNING

- Because the battery will produce flammable hydrogen, it is important to avoid handling the battery near fire, otherwise there is a risk of explosion. Do not allow battery fluid to get in your eyes or skin. If the eyes or skin accidentally touch the battery fluid, immediately rinse with clean water for more than 5 minutes and seek medical treatment in time.
- When checking or repairing the battery, the negative cable shall be disconnected to avoid the short circuit caused by the metal parts contacting the positive pole of the battery.

If the vehicle is not used for a long time, please disconnect the negative pole of the auxiliary battery to ensure the performance and safety of the auxiliary battery. Before using the vehicle, please check whether the negative pole of the auxiliary battery is connected or loose. If it is loose, please lock it tightly. For daily driving, please pay attention to whether the connection of auxiliary battery is loose.

Electronic Components

Before the battery is charged by an external power source, disconnect the negative wire (-) first, then disconnect the positive wire (+), and then install the negative wire.

Be sure that the positive and negative poles are not reversed.

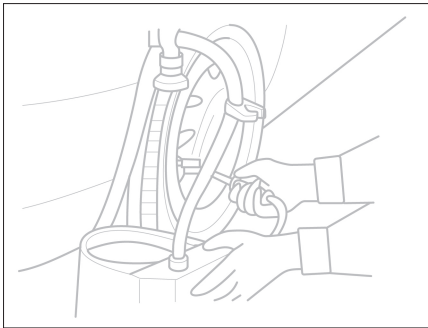
Wheels and Tires

The recommended tires match the technical characteristics of your vehicle in order to provide the best comfort and safety.

! ATTENTION

Tire Pressure

- Please consult the Special After-sales Service Center before replacement by other tires with different features. Because the damage caused by installing non-recommended wheels and tires is not included in the scope of compensation.



Inflating the tires at the recommended pressure is essential for maintaining driving comfort, safety and prolonging the service time (life) of the tires.

The tire pressure shall be checked weekly. They shall also be checked before long-distance driving or heavy-duty driving.

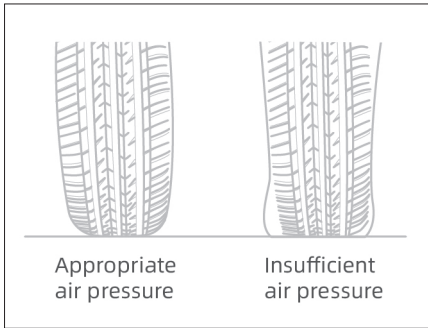
They shall be checked with the specified pressure gauge in cold state.

Incorrect tire pressure will reduce the driving economy and driving comfort, and increase power consumption.

The tire pressure shall not drop after the vehicle is running. It is normal for the pressure to increase due to the tire heating.

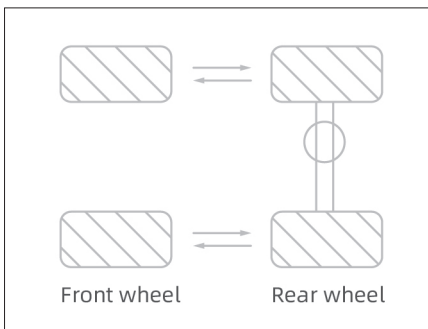
Install the valve protection cap after checking the tire pressure.

Tire Rotation



The front and rear tires play different roles and therefore they wear differently. The degree of tire wear depends on factors such as the types of road surface, driving habits, suspension system wheel positioning, wheel balance and tire pressure.

The tires shall be rotated after a certain mileage. See the "Maintenance Period and Data Sheet" in Chapter 10 for details. Tire rotation can coordinate the wear of the tire tread, thereby prolonging the service life of tires.



The transposition of radial tires shall be executed as shown on the left.

Tire condition is an inspection item for daily maintenance, and shall be performed by the Special After-sales Service Center, because they can diagnose the signs of abnormal wear or other damage that affects the driving of the vehicle.

WARNING

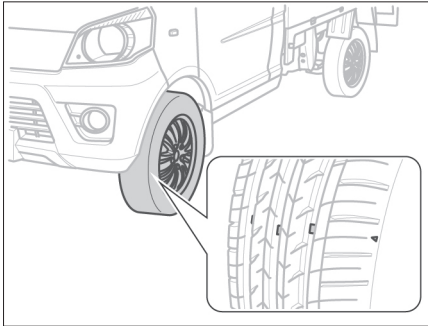
- Decreased tire tread height increases the risk of skidding.
- The degree of tire aging is related to the amount of travel.

It is recommended to check the balance of the wheel/tire assembly after the tire is replaced.

Wheel Balance

To avoid steering wheel vibration, the vehicle wheels shall be balanced to improve driving comfort and safety. The wheels shall be balanced after steering wheel vibration or tire replacement.

Tire Replacement



For safety, it is recommended to replace the tires when the tread pattern is worn to the wear indicator level.

REMINDER

- The tires shall also be replaced if they show the following signs: cuts, raised sides or other deformations.
- When replacing tires, you shall use tires of same type, preferably the tires of the same axle shall be replaced at the same time.

Motor Coolant Filling (e.g. Configuration)

The coolant shall be refilled when the coolant is drained, the following methods are required:

1. Unscrew the filler cap;
2. Slowly add the coolant in the filler cap of the radiator until it is full, and then tighten the filler cap;
3. Disconnect the connecting hose between the radiator and the auxiliary water tank. (Remove the connecting hose at auxiliary water tank end) Blow the high-pressure gas (with the pressure of about 0.4-0.5Mpa) to the radiator through the connecting hose;
4. Start the whole vehicle (READY light is on/high-voltage is powered on), touch the hoses at both ends of the cooling pump with hands, and stop air inflation after

feeling a steady flow of water;

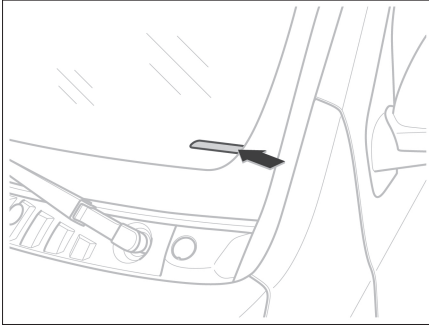
5. Unscrew the filler cap of the radiator to drain the air in the cooling system, fill the coolant fully, and observe until the coolant circulation in the radiator is stable with flameout;
6. Tighten the filler cap, and connect the connecting hose between the radiator and the auxiliary water tank;
7. Fill the coolant in the auxiliary water tank to the level between the MIN line and the MAX line.

Common Failure Description

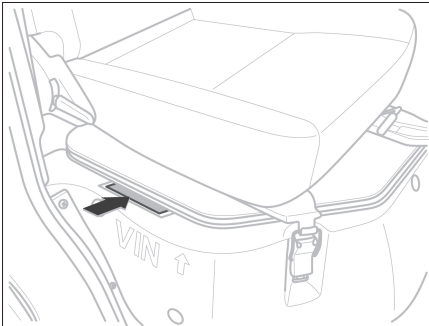
Common Faults	Causes	Troubleshooting Method
The charging cable is connected and the starter key is turned "ON", but the instrument does not show the charging cable has been connected	Poor charging plug contact	Check the charging plug and complete vehicle and 220V A.C. connecting status, fastening connection
The charging plug has been connected, and cannot be charged	After the vehicle has been operated for a long time, the battery temperature is beyond the permissible temperature range (0-45°C), and the charging fails	Keep the vehicle standstill, the battery pack temperature is recovered to the permissible temperature range of 0-45°C , and the charging is recovered
	Unstable 220V A.C. voltage, and the charger module cannot be operated as usual	The professional staff from the power supply bureau is invited to replace and repair the power supply cable, and the personnel in the Service Center cooperate
	Internal failure of battery pack	Professional staff of the battery plant shall replace and maintain, or return to the plant to maintain the battery pack
The brake pedal is heavy, i.e. unassisted braking	Insufficient vacuum and brake fluid	Check the vacuum pump or add the brake fluid in the Service Center

Vehicle Identification Number (VIN)

The vehicle identification number (VIN code) is located in the following positions:



- Lower left of windshield, upper left of instrument panel.



- Printed on the frame under the right seat of the cab.

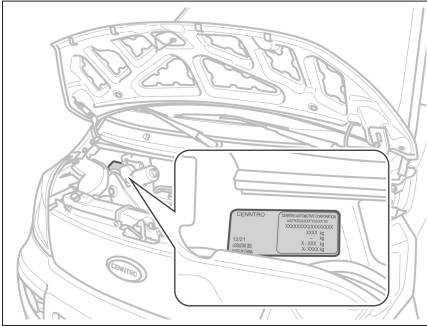
Methods of the Reading VIN

1. Connect the diagnostic device or the VCU PC to the vehicle diagnostic OBD interface on the main harness under the passenger seat via the CAN box.
2. Turn the key to the ON position to start the host computer.
3. Read the VIN through the host computer vehicle information window.

REMINDER

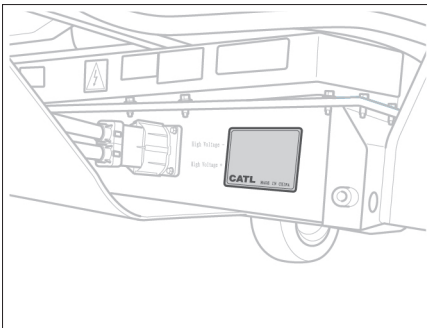
- The method of obtaining diagnostic equipment: Purchase at the service center, and install the host computer under the guidance of the service center.

Vehicle Nameplate



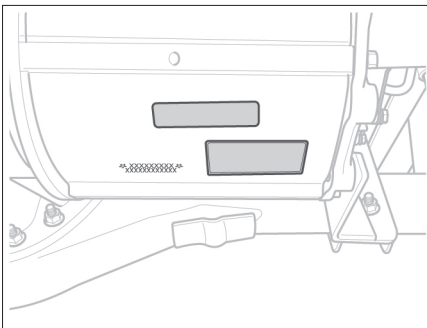
The VIN is marked on the vehicle nameplate. The vehicle nameplate is installed on the front coaming plate on the right side of the front wiper motor.

Battery nameplate



The location of the battery nameplate is indicated in the figure .

Motor nameplate



The location of the motor nameplate is shown in the figure.

Isolating Devices

The closed truck isolation device needs to meet the capacity: When the vehicle decelerates from the free speed and the cargo freely hit against the isolation device, the locking structure of the isolation device while hitting cannot be loose, and the diaphragm assembly shall not have obvious deformation.

Precautions for cargo loading:

- The cargo quality shall not exceed the approved payload of the vehicle, and the length and width of the cargo cannot exceed those of the compartment;
- Cargoes shall be evenly distributed in the vehicle to prevent the wear aggravation due to the uneven force of the front and rear axles, or prevent the difficult or failing steering therefrom;
- Cargoes shall be loaded according to their different packaging, and they shall be fixed and tied firmly, the box is to avoid heavy pressure. Some cargoes must be moistureproof, sun-proof and fireproof as well. Some cargoes must be loaded in accordance with the signs on the package.

Table of Vehicle Performance, Structure and Specifications

Table of Vehicle Basic Parameters

Item	Unit	LS200 Van	LS200 Pick-up	LS200 Cargo Box	
Size parameters					
Vehicle size	Length	mm	4421	4720	4770
	Width	mm	1620	1640	1640
	Height	mm	1902	1925	2485
Loading bed size	Length	mm	2530	2800	2700
	Width	mm	1450	1550	1610
	Height	mm	1290	370	1595
Wheel base	mm	3050	3050	3050	

Item	Unit	LS200 Van	LS200 Pick-up	LS200 Cargo Box	
Front suspension	mm	1377	1377	1377	
Rear suspension	mm	1408	1408	1408	
Approach angle	°	≥ 33	≥ 36	≥ 35	
Departure angle	°	≥ 24	≥ 24	≥ 22	
Minimum ground clearance	mm	125	125	125	
Min. turning radius	m	13.5	13.5	13.5	
Quality parameters					
Rated passenger capacity (including the driver)	person	2	2	2	
Curb weight(including the driver75kg)	kg	1485	1445	1555	
Gross weight	kg	2550	2600	2600	
No load (including driver 75kg)	front axle	kg	710	680	685
	rear axle	kg	775	765	870
Full load	front axle	kg	975	905	905
	rear axle	kg	1800	1695	1695
Dynamic performance parameters					
Time required to accelerate to 50km/h	s	≤ 8	≤ 8	≤ 8	

Item	Unit	LS200 Van	LS200 Pick-up	LS200 Cargo Box
Time required to accelerate from 50km/h to 80km/h	s	≤ 10	≤ 10	≤ 10
Top speed	km/h	80	80	80
Maximum hill-starting ability	%	20	20	20
City-wide mileage (NEDC)	km	264	264	264

Main performance parameters of power battery system

Item	Unit	Type and parameter values
Type	—	Lithium ion battery
Model of power battery	—	L125V01
Model of single battery	—	CB320
Nominal voltage of single battery	V	3.22
Total weight	kg	308±9
Total energy	kWh	41.86
Total voltage	V	334.88
Total nominal capacity	Ah	125
Rated output current	A	125

Main parameters and performance indicators of drive motor

Item	Unit	Type and parameter values
Model	—	TZ180XSIN102
Type	—	Permanent Magnet Synchronous
Power (rated/peak)	kW	30/60
Driving form	—	Rear Wheel Drive
Torque (rated/peak)	N·m	90/220
Rotating speed (rated/peak)	r/min	3183/9000
Cooling method	—	Water cooling
Motor working system	—	KTZ33X26S330
Controller control mode	—	Torque control
Insulating coefficient	—	H-level

The main parameters of the charger

Item	Unit	Type and parameter values
On-board charger rated input voltage/current/frequency	V/A/Hz	220/16/50
On-board charger output voltage/current/power	V/A/kW	250-420/10/3.3
Charging method	—	Constant current first and then constant voltage

Tire size, tire pressure

Item	Parameters			
	LS200 Van	LS200 Pick-up	LS200 Cargo Box	
Specification	185/65 R15LT	185/65 R15LT	185/65 R15LT	
Tires	Front Tire Pressure at Max Load / kPa	400	550	550
	Rear Tire Pressure at Max Load / kPa	490	600	600

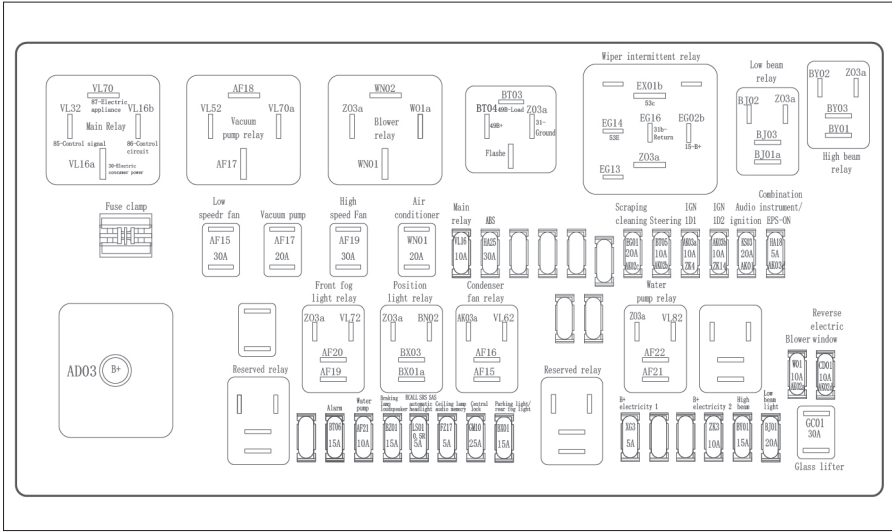
Wheel alignment parameters

Item	Parameters
Camber angle	$1^{\circ} \pm 0.75^{\circ}$
Main pin backlash angle	$2.8^{\circ} \pm 0.5^{\circ}$
Inclination of main pin	$9^{\circ} \pm 0.5^{\circ}$

Vehicle Fluid Parameters

Item	Specification	Capacity
Rear axle lubricant	GL-5 85W/90	1.7±0.05L
Coolant liquid	FD-2,50% aqueous solution	5.85±0.5L
Brake fluid	DOT-3	0.6±0.1L
Air conditioning system refrigerant	R1234YF	700±10g
Detergent	Anti-freeze detergent must be used if the ambient temperature is lower than 0° C.	1.5±0.1L

Distribution of Fuses and Relays in the Fuse Box of the Main Wiring Harness



Maintenance Period and Data Sheet

The following schedule is suitable for the vehicles that meet the following conditions:

- Transport passengers and goods within recommended limits.
- Drive on a reasonable road surface within the legally permitted driving speed range.
- Use recommended fluid.

Note: Letters and symbols in the sheet:

J - Inspection. T - Adjustment. Replace it if required.

B - Refill liquid. N - Tightened to specified torque.

R - Lubrication. G - Replacement. Q - Cleaning. H - Welding.

Maintenance in advance is required for driving in the areas with more dust and maintains at the outdoor temperature below 0°C or above 35°C under unfavorable conditions.

Inspection and maintenance items		Mileage of use (km)	5	9	13.5	18	22.5	27	31.5	36	
		Breaking-in period	2500	7500	15000	22500	30000	37500	45000	52500	60000
Motor	Coolant (if equipped), power line and motor housing, and motor controller: check for complement, cleanliness, intactness and performance	J.Q.B	J.Q.B	J.Q.B	J.Q.B	J.Q.B	J.Q.B	J.Q.B	J.Q.B	J.Q.B	
	Erection bolt: tightening	N		N		N		N		N	
Transmission	Lubricating oil of main reducer	G	G	G	G	G	G	G	G	G	
	Motor output shaft grease	Replace every 50,000 km									
Wheel	Wheel nut: tightness (as per the specified torque, and complete)	J.T.N	J.T.N	J.T.N	J.T.N	J.T.N	J.T.N	J.T.N	J.T.N	J.T.N	
	Front wheel hub bearing preload check	J.T.N	J.T.N	J.T.N	J.T.N	J.T.N	J.T.N	J.T.N	J.T.N	J.T.N	
	Toe-in adjustment	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	
	Change the tire positions	Change the position every 10,000km									
	Intactness of the plastic shear lock pin connected to the steering shaft and inspecting steering gear, wear and rubber aging fracture of horizontal and straight pull rod ball joints, left and right steering rockshafts, etc., and connecting bolts: tightness	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T
	Back lash of steering gear and rack: check, adjustment, and replacement; connecting bolts: tightness				J.T			J.T			

Inspection and maintenance items		Mileage of use (km)	Breaking-in period	5	9	13.5	18	22.5	27	31.5	36
		2500	7500	15000	22500	30000	37500	45000	52500	60000	
Control	Check, adjustment and replacement of the gears, brakes, accelerators and other connector wires and electronic components	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T
Brake	Check of brake pipe; check, adjustment and lubrication of hand and foot brake performance (including vacuum booster); and check and adjustment of the free stroke of brake pedal	J.T	J.T.R				J.T.R			J.T.R	
	Check, complement and replacement of brake fluid	J.B	J.B		G				G		
	Check of friction plates of disc or drum brake	J.T.G	J.T.G	J.T.G	J.T.G	J.T.G	J.T.G	J.T.G	J.T.G	J.T.G	J.T.G
	Connecting bolts: tightness	N	N	N	N	N	N	N	N	N	N

Inspection and maintenance items		Mileage of use (km)	Breaking-in period	5	9	13.5	18	22.5	27	31.5	36	
		2500	7500	15000	22500	30000	37500	45000	52500	60000		
Suspension	Performance check of front and rear dampers	J,T.N		J,T.N		J,T.N				J,T.N		
	Check and lubrication of plate spring, and spiral spring	J	J	J	J	J	J	J	J	J	J	
	Lower suspension arm shaft sleeve, ball pin; supporting rod bushing; assembly of steel plate spring lug inner plate welded fittings, U-shaped bolts, rubber bushing and cushion rubber; check of the wear of buffering pads, surface bearings, dust covers and other parts of front overhang, and the aging rupture of rubber parts	J,T.N	J,T.N	J,T.N	J,T.N	J,T.N	J,T.N	J,T.N	J,T.N	J,T.N	J,T.N	J,T.N
	Connecting bolts: tightness	J,N	J,N	J,N	J,N	J,N	J,N	J,N	J,N	J,N	J,N	J,N
Electric appliance	Check and charging of chargers and auxiliary batteries, application of lubricating grease on pile head, and vent hole dredging	J		J		J		J		J		
	Intactness performance check of cables and contacts	J			J				J			
	Intactness check of lighting equipment, various signal lights, indicators, combination instruments, switches, etc.	J	J	J	J	J	J	J	J	J	J	
	Complement of washers, wipers and washing liquids	J,B	J,B	J,B	J,B	J,B	J,B	J,B	J,B	J,B	J,B	

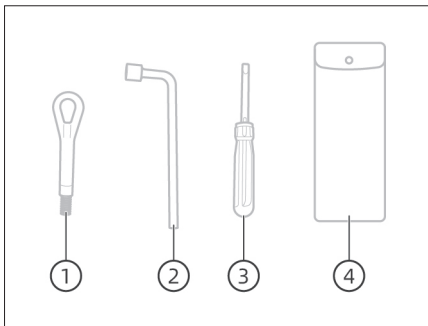
Inspection and maintenance items		Mileage of use (km)								
		Breaking-in period	5	9	13.5	18	22.5	27	31.5	36
		2500	7500	15000	22500	30000	37500	45000	52500	60000
Air conditioning cooling	Refrigerant	Replenish it in case of any leakage								
	Refrigerating system inspection	J	J	J	J	J	J	J	J	J
	Compressor	J					J.T.R.G			
	Air conditioning evaporator	J		J.T			J.T			J.T
Power battery	Box: The appearance of the box shall be intact and free of deformation & expansion and phenomena like abnormal weeping; The surface shall be free of oxidation and paint removing; The installation position shall not be incorrect; The set bolt shall be tight and free of loosening; The surfaces of box and connection harness shall be free of dust and deposits.	J.N.Q	J.N.Q	J.N.Q	J.N.Q	J.N.Q	J.N.Q	J.N.Q	J.N.Q	J.N.Q
	Connector/patch cord: The high and low voltage connectors/patch cords shall be firm and free of loosening, and the surfaces shall be free of damage; The Conductive copper cores of high and low voltage connectors/patch cords shall be free of phenomena like burning, corrosive pitting, oxidation, deformation, loosening and falling.	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T

Inspection and maintenance items		Mileage of use (km)	Breaking-in period	5	9	13.5	18	22.5	27	31.5	36
		2500	7500	15000	22500	30000	37500	45000	52500	60000	
Power battery	Maintenance switch: It shall be free of deformation and scratches, and its inside shall be clean and free of foreign objects. Sealing rings shall be free of aging and deformation and shall be installed firmly without loosening.	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T
	Air pressure balance valve: It shall be firm and free of damaged.	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T
	Insulation resistance value, BMS communication function, relay and battery cell consistency are normal and free of system alarm.	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T	J.T

List of Accompanying Accessories

S/N	Name	Qty.	Remarks
1	Vehicle Qualification Certificate	1	
2	Attached package	1	Allocate according to the configuration requirements of different models
3	Charging cable	1	
4	Accompanying tool assembly	1	
5	Jack components	1	Located in the front cabin
6	Warning triangle	1	Being equipped to all vehicle models

Accompanying Tool Assembly



- ① Tow hook
- ② Wheel nut wrench
- ③ Slotted screwdriver
- ④ Accompanying Toolkit

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The logo features the word "CENNTRO" in a bold, blue, sans-serif font, centered within a white diamond shape. This diamond is set against a background of dark grey and black geometric shapes that form a larger diamond pattern. The top and bottom points of the diamond are cut off by horizontal bars of dark grey and black respectively.

CENNTRO

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