

Thank you very much for choosing this vehicle.

In order to correctly operate and maintain your vehicle, please take the time to read this manual carefully.

After reading, please leave the manual in the vehicle for future reference. Please leave this manual in the vehicle at the same time of resale, as the new owner will also need to read the information in it.

All the information and specifications in this manual are current at the time of printing.

Remember that authorized service station knows your vehicle best and has factory-trained technicians and OEM parts to guarantee your safety. Do not use non-OEM parts or accessories to modify your vehicle. Modifying will affect the functionality, safety and durability of your vehicle.

According to the specification of equipment and features of your vehicle, some descriptions and illustrations may differ from that on your vehicle.

Any data, descriptions and illustrations provided in this manual cannot be used as the basis for any insurance claim.

We reserves the right to make changes in design and specifications at any time without notice.

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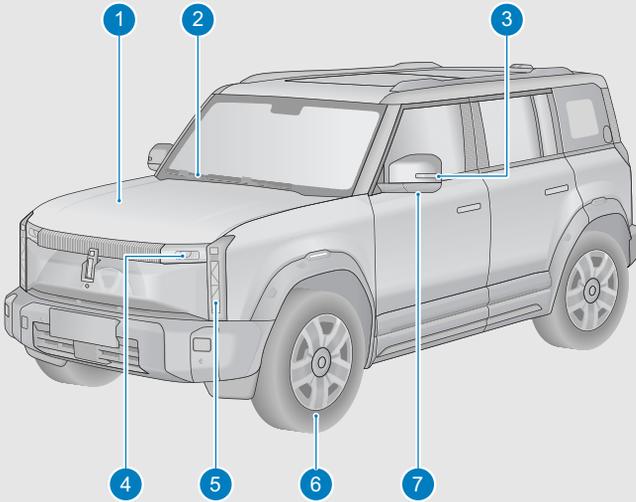
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Happy driving!

Version No. S56EVRHDOM24EN01

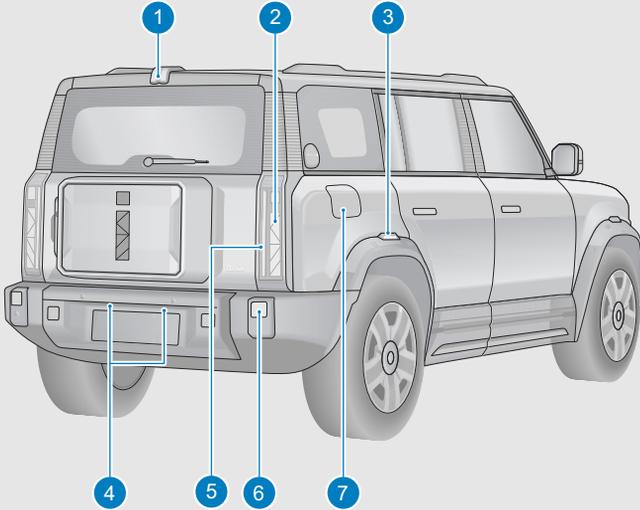
Issued August 2024

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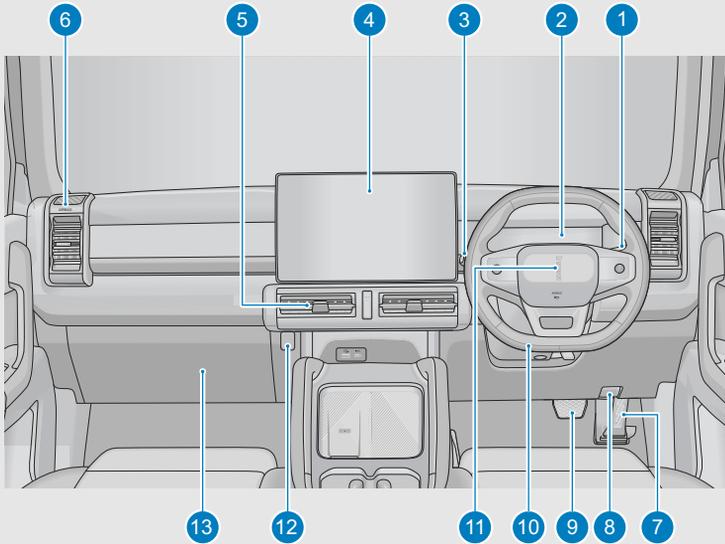
Note: For all equipment, please refer to the actual vehicle.



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1. OWNER SERVICE

1-1. How to Read This Manual

How to Read This Manual

There are three ways for you to find the information you need in this manual. Here is a brief introduction of each one.

Table of Contents

The main Table of Contents will tell you which chapter of the Owner's Manual contains the information you need and what page to find it on.

Pictorial Index

The Pictorial Index is a helpful tool to find the required information quickly, especially if you are not familiar with the component name.

Index

This is the fastest method for you to find the information you need. The index contains a complete listing of all the important vehicle terminologies.

1-2. Symbols in the Manual

Symbols in the Manual

The following symbols are used in this manual to draw your attention to particularly important information. In order to minimize the risks as much as possible, please read the instructions on these symbols carefully before driving, and make sure to follow them.

 **WARNING**

Indicates a potentially hazardous situation which, if not avoided, may result in damage to your vehicle, personal injury or even death.

 **CAUTION**

Indicates a potentially hazardous situation which, if not avoided, may result in damage to your vehicle and its equipment, reducing the vehicle's life span.

 **ENVIRONMENTAL PROTECTION**

Indicates that the waste must be handled or disposed according to the local environmental protection regulations, otherwise, the environment will be contaminated.

 **READ**

Indicates that the relevant chapter in this manual must be read before any operation.

WARNING and CAUTION relating to personal safety and vehicle safety in this manual are very important. Make sure everyone in the vehicle follows these instructions carefully in order to both enjoy your driving experience and to keep your vehicle in optimum condition.

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1-3. Owner Service

Special Statement

- Thank you for purchasing new energy battery electric vehicle. In order to use your vehicle correctly and protect your rights, please take the time to read this manual carefully.
- This manual provides important instructions and tips on daily driving and normal maintenance to familiarize you with the handling of the vehicle. The more you know about your vehicle, the more you can ensure the safety, economy and enjoyment of driving.
- Any improper operation and usage may damage the vehicle, and may also result in the loss of your maintenance or warranty rights.
- Extreme environments may cause damage to critical parts of the vehicle (- such as power battery) or even make it unable to drive.
- When power battery of vehicle touches the ground, vehicle is collided or soaked in water, serious malfunction alarms signal (such as power battery over voltage, over temperature, poor insulation and charging socket over temperature, etc.) are displayed on instrument cluster and power battery case and connector are deformed or cracked seriously, please contact new energy vehicle authorized service station for inspection and repair immediately.
- Regular maintenance helps to maintain vehicle performance and second-hand value. Authorized service stations all over the country have many maintenance experts who can provide services at any time. Professionally trained serviceman at each new energy vehicle authorized service station can properly repair your vehicle and on-board equipment. The spare parts provided by authorized service stations are also the genuine spare parts.
- This manual describes that the maximum equipment range to be installed on this vehicle by printing time, which is all standard and optional configurations of this vehicle. Some equipment is supplied in future or only available for certain destinations. Therefore, some items in the manual may not be available in your vehicle.

New Vehicle Inspection

- Service station of new energy vehicle has inspected your vehicle according to the regulations before the vehicle is delivered to you.
- New energy vehicle authorized service station should fill delivery date in inspection certificate and affix the official seal of dealer.
- Service station will inspect whole vehicle performance for you in accordance with "New Energy Vehicle Delivery Card", which will be signed by salesman and user. Also, service consultant will introduce basic operation of vehicle.

New Energy Vehicle Delivery Card

Type	No.	Items	Whether Pass Inspection and Explain Clearly	
Vehicle Performance	1	VIN code, drive motor number and nameplate etc.	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	2	Whole vehicle locks and keys	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	3	All lights inspection	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	4	Whole vehicle glasses	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	5	Speedometer, power gauge, power battery charge meter, driving mileage meter	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	6	Tire, spare tools and user manual, reflective vest	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	7	Seat belt, seat, A/C switch and outlet, storage box and sun visor, phone wireless charger	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	8	Glass regulator, rear view mirror, wiper, washer, horn, audio system and antenna, panoramic moon roof, parking radar	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	9	Seat, seat belt, A/C switch and outlet, glove box and sun visor	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	10	Window, rear view mirror, windshield wiper and washer, battery, parking radar system, horn, moon roof, audio system and antenna	YES <input type="checkbox"/>	NO <input type="checkbox"/>

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Type	No.	Items	Whether Pass Inspection and Explain Clearly	
Basic Knowledge of Operation	1	Power battery charging operation and precautions	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	2	Normal operation during break-in period	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	3	Each light operation	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	4	Know warning light and indicator	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	5	Correct maintenance period/mileage	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	6	Vehicle maintenance in winter/summer	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	7	Thorough understanding of the cooling system and correct usage of the coolant	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	8	Correct operation of air conditioning	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	9	Precautions for vehicle starting	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	10	Correct operation of audio system	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	11	Correct usage of moon roof	YES <input type="checkbox"/>	NO <input type="checkbox"/>
	12	Precautions for vehicle starting, driving	YES <input type="checkbox"/>	NO <input type="checkbox"/>
Signature of Sales Personnel: Date: Signature of User: Date:				

"Person-to-Person" Consultative Service Card (Dealer)**Table 1 (Service Station Retention)**

Name of User: Vehicle Model: Date of Purchase:	
Sales & Servicing Department: Vehicle Identification Number (VIN):	
The following items should be confirmed by the user:	
I . Confirmation of Vehicle Deliver Items (Mark a "√" for Yes and a "x" for No)	
<input type="checkbox"/>	Have introduced basic operation of the vehicle, and performed delivery inspection
<input type="checkbox"/>	Have explained warranty policies
<input type="checkbox"/>	Have explained driving precautions
<input type="checkbox"/>	Have explained importance of regular maintenance and the maintenance interval time/mileage
<input type="checkbox"/>	Have explained the importance of maintaining/repairing vehicle at new energy vehicle authorized service station
<input type="checkbox"/>	Have delivered User Manual to the users and reminded them to read it
<input type="checkbox"/>	Have informed service hotline function and usage method to new energy vehicle company
II . "Person-to-Person" Consultative Service Mode Introduction (Mark a "√" for Yes and a "x" for No)	
<input type="checkbox"/>	If you have questions and demands, consult your service consultant
<input type="checkbox"/>	The service consultant is the only person authorized by service station to communicate
<input type="checkbox"/>	Your service consultant is dedicated to serve you: "Person-to-Person"
<input type="checkbox"/>	If user is not satisfied with the current service consultant, user can select a new one
III. Main Work Introduction of Service Consultant (Mark a "√" for "Yes" and a "x" for "No")	
<input type="checkbox"/>	Service reception during service and maintenance
<input type="checkbox"/>	Regular maintenance reminder return visit
<input type="checkbox"/>	Regular greeting return visit
<input type="checkbox"/>	Service activity reminding return visit
<input type="checkbox"/>	Important festival greetings
<input type="checkbox"/>	Complaint acceptance
<input type="checkbox"/>	Answer the service/maintenance consultation

1. OWNER SERVICE

<input type="checkbox"/>	Service/maintenance booking
<input type="checkbox"/>	Annual inspection reminders
<input type="checkbox"/>	Other affairs customer demands
IV. "Person-to-Person" Consultative Service Relationship Establishment	
Service Consultant Business Card	
Signature of User/Date:	
Signature of Service Consultant/Date:	

Table 2 (Customer Retention)

Name of User: Vehicle Model: Date of Purchase:	
Sales & Servicing Department: Vehicle Identification Number (VIN):	
The following items should be confirmed by the user:	
I . Confirmation of Vehicle Deliver Items (Mark a "√" for Yes and a "x" for No)	
<input type="checkbox"/>	Have introduced basic operation of the vehicle, and performed delivery inspection
<input type="checkbox"/>	Have explained warranty policies
<input type="checkbox"/>	Have explained driving precautions
<input type="checkbox"/>	Have explained importance of regular maintenance and the maintenance interval time/mileage
<input type="checkbox"/>	Have explained the importance of maintaining/repairing vehicle at new energy vehicle authorized service station
<input type="checkbox"/>	Have delivered User Manual to the users and reminded them to read it
<input type="checkbox"/>	Have informed service hotline function and usage method to new energy vehicle company
II . "Person-to-Person" Consultative Service Mode Introduction (Mark a "√" for Yes and a "x" for No)	
<input type="checkbox"/>	If you have questions and demands, consult your service consultant
<input type="checkbox"/>	The service consultant is the only person authorized by service station to communicate
<input type="checkbox"/>	Your service consultant is dedicated to serve you: "Person-to-Person"
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III. Main Work Introduction of Service Consultant (Mark a "√" for "Yes" and a "x" for "No")	
<input type="checkbox"/>	Service reception during service and maintenance
<input type="checkbox"/>	Regular maintenance reminder return visit
<input type="checkbox"/>	Regular greeting return visit
<input type="checkbox"/>	Service activity reminding return visit
<input type="checkbox"/>	Important festival greetings
<input type="checkbox"/>	Complaint acceptance
<input type="checkbox"/>	Answer the service/maintenance consultation
<input type="checkbox"/>	Service/maintenance booking

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<input type="checkbox"/>	Annual inspection reminders
<input type="checkbox"/>	Other affairs customer demands
IV. "Person-to-Person" Consultative Service Relationship Establishment	
Service Consultant Business Card	
Signature of User/Date:	
Signature of Service Consultant/Date:	

New Vehicle Break-in

Due to machining and assembly errors, when or in using your new vehicle at initial stages, friction resistance between moving parts of a new vehicle is much bigger than normal. The break-in effect of initial use will have a great impact on the vehicle's life, operation reliability and economy, so the use of new vehicle must strictly enforce the break-in regulations (the break-in period is 3,000 km in general).

Break-in regulations in the first 1,000 km:

Driving speed should not exceed 100 km/h.

Break-in regulations between 1,000 km to 1,500 km:

Gradually increase to the maximum vehicle speed for driving.

Precautions after break-in:

When starting to use new tires, the best adhesion is not available. Therefore, new tires also need break-in, so the vehicle should be driven slowly and especially carefully within the first 100 km.

New brake lining also needs to be broken in, because the brake cannot provide ideal brake friction during the first 200 km of driving. If braking effect is bit poor at this stage, depress the pedal with more force. This condition also applies to each replacement of braking lining later.

After a new vehicle drives for 800 km, tighten wheel nuts again to the specified torque. Also, if wheel has been replaced or wheel nuts have been loosened, tighten wheel nuts again to the specified torque after driving for 800 km.

1-4. Owner's Manual Introduction

Notes to User

1. The vehicle is a battery electric vehicle, the working principle and characteristics of many parts and systems are very different from those of traditional fuel vehicles. Therefore, it is important to carefully read the instructions in this manual for your personal safety and the safe use of the vehicle. Ignoring these instructions may cause serious consequences to the safety of the drivers and passengers and the performance of the vehicle. And may also result in the loss of your maintenance or warranty rights.
2. The vehicle is equipped with two kinds of batteries, one is the power battery, which is used to supply power to the motor to drive the vehicle; The other is a 12 V battery (referred to as low voltage battery) located in the front compartment, its function is the same as the traditional fuel vehicle battery, which is used to supply power for headlight, audio, horn and other low voltage electrical system. The power of low voltage battery comes from the power battery.
3. The vehicle is driven by battery electric and does not need to be powered by an engine, which is the main difference from traditional fuel vehicles. This

1. OWNER SERVICE

vehicle uses the power battery to store the electric energy, the power battery should be fully charged as soon as possible before running. The power battery is in a state of gradual discharge during driving. When the power battery is low, it must be charged. Otherwise the vehicle cannot drive.

4. Do not touch high voltage components with bare hands when the high voltage is not disconnected. High voltage components include: Drive motor controller, power wire harness device, on-board charger, high voltage main cable, fast charging plug, fast charging socket, power battery, drive motor, slow charging socket and slow charging plug. High voltage cables in the vehicle are wrapped with orange bellows, please pay attention to identification.
5. The vehicle is equipped with anti-lock brake system, directly depress brake pedal fully under emergency braking, do not depress brake pedal slightly.
6. The vehicle can use an external power supply to charge power battery. In addition, when the vehicle is braking, the drive motor converts kinetic energy of the vehicle into electrical energy and is stored in the power battery, thereby extending the vehicle's driving mileage, which is called energy recovery.
7. The vehicle is equipped with creeping function, that is, when the vehicle is in a drivable state (READY indicator comes on) and the gear position is in D/R, release brake pedal, electronic parking brake is automatically released, and the vehicle will slowly move forward or backward.
8. Check tire wear and tire pressure frequently as recommended in this manual.
9. Please use the oil recommended in this manual and maintain it according to the manual requirements, which will effectively extend the service life of the vehicle.
10. The vehicle is equipped with airbag. In order to ensure the safety of children, never install rearward-facing child restraint system in seat protected by front airbag (active state).
11. In order to ensure driving safety, never remove vehicle parts, especially chassis parts. Because some fasteners of the vehicle are coated with anti-loosening media, they cannot be reused after removal.
12. Never modify or install equipment to products of the company. Our company can assume no responsibility for direct or indirect losses resulting from this.
13. Do not flush chassis connector with water gun when cleaning the vehicle.
14. The vehicle environment should be free of corrosive, explosive and gases that destroy insulation or conductive dust, and the temperature should not be too high or too low.
15. Never touch positive and negative poles of the power battery with both hands at any time.
16. Never crush, pierce or burn the power battery to destroy the power battery.

17. Never process and store used power batteries by yourself, which will be processed by new energy vehicle authorized service station.

1-5. Precautions Before Driving Vehicle

Safety Check

It is better to do a safety check before driving vehicle. A few minutes of checking can help ensure safe and pleasant driving.

Before Starting Vehicle

■ Outside vehicle

1. Tires (including spare tire): Check tire pressure with a tire pressure gauge and carefully check tires for cuts, damage or excessive wear.
2. Wheel bolts: Make sure no wheel bolts are missing or loose.
3. Fluid leaks: After the vehicle has been parked for a while, check underneath for leaking, coolant or other fluids (water dripping from air conditioning after use is normal).
4. Lights: Make sure the headlights, daytime running lights, brake lights, fog lights, turn signal lights and other lights are working properly.

■ Inside vehicle

1. Spare tools (if equipped): Make sure you have spare tools, such as jack, wheel bolt wrench and spare tire.
2. Seat belts: Check if the buckles can be fastened securely. Make sure belts are not worn or frayed.
3. Instrument cluster and controls: Make especially sure the malfunction indicator lights, indicator lights, and controls are working properly.
4. Brakes: Make sure the pedal has enough clearance.

■ Front compartment

1. Spare fuses: Make sure spare fuses are available. All the fuses with amperage ratings designated on the fuse box cover should be provided.
2. Coolant level: Make sure coolant level is proper.
3. Battery and cables: Check for corroded or loose terminals and a cracked case. Check the cables for good condition and connections.
4. Wiring: Check for damaged, loose or broken wires.

■ Hood

Make sure the hood is locked completely before driving. Otherwise, the hood may tilt up and block front view when vehicle is moving, which could lead to an accident.

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When Driving

1. Gauges and meters: Make sure the gauges and meters are working properly.
2. Brakes: At a safe place, check that the vehicle does not pull to one side when the brakes are applied.
3. Other abnormal conditions: Check for loose parts and leaks. Listen for abnormal noises.

Parking Operations

Proper parking is an important part of safe driving. Vehicle should be parked in a place with wide road, good view and no impact on traffic. Parking operation steps are as follows:

1. Depress brake pedal until the vehicle is completely stopped.
2. Confirm that the electronic parking is enabled.
3. Move shift lever to "P" position.
4. Power off the vehicle.

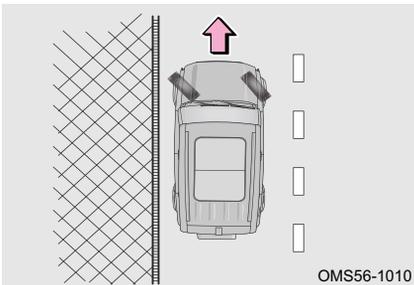
CAUTION

When you leave vehicle, make sure to lock your vehicle and carry the keys with you.

Parking on Slope

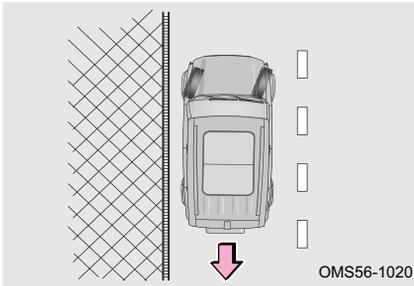
Parking vehicle on a slope is mainly enabled by the force of the parking brake. Failing to apply park brake or any brake malfunction may cause the vehicle to slide down a slope and personal injury or damage to vehicle. When parking on a slope, it is better to face the tires towards one side of vehicle, to prevent vehicle from moving accidentally.

■ Parking on downhill with curb



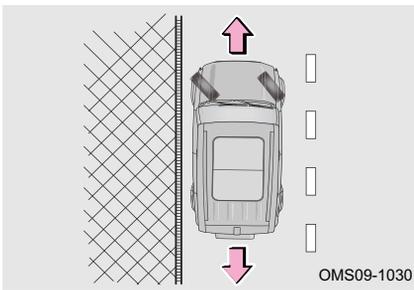
If there is a curb on the roadside, turn the steering wheel to the left to ensure that the front part of the front left wheel is close to or against the curb, to prevent the vehicle from sliding forward down the slope, then apply the parking brake.

■ Parking on uphill with curb



If there is a curb on the roadside, turn the steering wheel to the right to ensure that the rear part of the front left wheel is close to or against the curb, to prevent the vehicle from sliding back down the slope, then apply the parking brake.

■ Parking on uphill or downhill (without curb)



If there is no curb on the roadside, turn the steering wheel hard left to prevent the vehicle driving into the center of the road or sliding down the slope. Turn the steering wheel to the side of the road, so the vehicle is facing away from the center of the road when moving, then apply the parking brake.

■ Carrying passengers

Before driving, make sure all passengers sit in their seats with their seat belts properly fastened. Do not let the passengers sit in the places where there are no seats and seat belts, as they are likely to face serious injury during a collision.

■ Locking the vehicle

- When leaving the vehicle unattended, lock all the doors, even if parking the vehicle in the garage or on the road outside your house.
- Vehicle should be parked in bright and spacious places as much as possible, and do not expose valuable items.

1. OWNER SERVICE

1-6. Precautions When Driving in Rainy Condition

When Driving on Slippery Road Surfaces

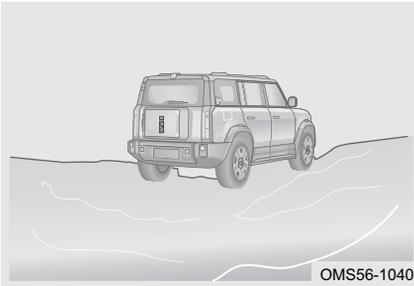
Drive carefully when it is raining, because visibility will be reduced, windows may become fogged-up and roads will be slippery.

- Do not drive at high speed when driving on a motorway in rain, because there may be a layer of water between tires and road surface, preventing steering system and brakes from operating properly.

CAUTION

- Sudden braking, acceleration and steering on slippery road surfaces may cause tire slippage and reduce your ability to control vehicle, resulting in an accident.
- After driving through a puddle, lightly depress brake pedal to make sure brakes are functioning properly. Wet brake lining may prevent brakes from functioning properly. If brake lining on one side is wet and not functioning properly, steering control may be affected, resulting in an accident.

Driving Through Water



The vehicle could be seriously damaged when driving on a road that has flooded after heavy rain. If driving through water is unavoidable, check the depth of the water and drive slowly and carefully.

 CAUTION

- Never drive through water that is deeper than wheel rim.
- Water can wash the grease from the wheel bearing, causing rusting and premature abrasion.
- Driving through water may cause damage to your vehicle drive train components. Always visually inspect your vehicle's fluids for signs of leakage after driving through water. Do not continue to operate vehicle if any fluid leaks, as this may result in further damage.
- Vehicle traction and braking performance will decrease while driving through water. The braking distance will increase. Sand and mud that have accumulated around the brake discs may affect the braking efficiency and may damage the brake system components. After driving through water, slightly depress the brake pedal several times to dry the brakes off.

1-7. Winter Driving Precautions

Winter Driving Tips

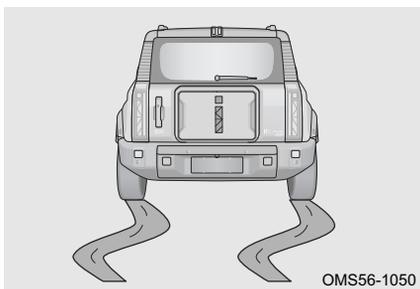
- Coolant: Make sure that coolant has anti-freezing function. Only use coolant recommended.
- Battery and cables: Low temperature will decrease power of battery. Sufficient power should be stored in battery for starting in winter.
- Door locks: Avoid door locks being frozen. Deicing agent or glycerin should be sprayed into door lock holes.
- Washer fluid: Use washer fluid containing antifreeze. This product is available at authorized service station and most vehicle component distributors.
- Mudguards: Avoid ice and snow accumulation under mudguards. Failure to do so may cause difficult steering. When driving in cold weather, you should often stop vehicle to check for ice and snow accumulation under mudguards. It is recommended that you should take some necessary emergency items with you according to different driving destinations. Items that need to be put in vehicle: Tire chains, window snow scraper, sand or salt bag, signal flasher, shovel, jumper cables, etc.

 CAUTION

- Do not use water as a substitute for coolant.
- Do not use coolant or other alternative washer fluid, otherwise vehicle paint will be damaged.

1. OWNER SERVICE

Driving on Road Covered with Ice and Snow



Rapid acceleration on slippery road surfaces, such as snow or ice covered roads, may cause the rear wheels slipping to right or left. Therefore, please drive at low speed and operate carefully.

It is possible to build up a layer of water film between the tire and road surface when driving on wet or slushy roads. This may prevent the steering and braking from operating properly. It is recommended that you enable ESP function on this occasion.

■ Driving out silt and ice and snow road

If drive wheel is stuck in silt or ice and snow, please attempt to shake vehicle at low speed and drive forward and backward repeatedly. Shift the shift lever between forward position and reverse position several times and depress accelerator pedal slightly.

Tire Chains

Purchase a set of tire chains that match size of the vehicle tires. Pay attention to the following precautions when installing and removing chains:

1. Follow local regulations when using chains;
2. Install and remove tire chains in a safe location;
3. Install tire chains by following the instructions provided;
4. Follow local regulations when using chains;
5. It is recommended to use the beef tendon chains or rubber chains with a thickness not exceeding 12 mm, otherwise, tires, rims, drive system, brake system and wheel guard plates may be damaged. Vehicle damages resulting from improper use of chains are not covered by warranty;
6. Please consult authorized service station for details about wheels, tire size.

 CAUTION

Observe the following precautions to reduce the risk of accidents. Failure to do so may result in the vehicle unable to be driven safely, and may cause death or serious injury.

- Regulations regarding the use of tire chains vary according to location and type of road. Always check local regulations before installing tire chains;
- Be sure to use chains that are suitable for your vehicle. Installing chain will affect vehicle handling, please drive carefully. Using improper chains or improper installing of chains may cause an accident and lead to injuries;
- Please follow the instructions provided by the manufacturer of the chains to install and remove chains, vehicle should be parked in a safe place before installation and removal. Be sure to turn off the vehicle before installing chains (automatic transmission is in P position), place the traffic warning signs if necessary;
- Do not drive vehicle at more than 30 km/h when chains are installed on vehicle, or refer to the vehicle speed limit specified by the manufacturer of chains, whichever is lower. It should avoid dangerous road conditions such as bumps, potholes, sharp turns etc. when installing chains, do not turn steering wheel sharply, lock brake urgently, accelerate or decelerate suddenly etc.

1-8. Cybersecurity Notice

Cybersecurity Support Service Update or Termination Notice

The company has provided cybersecurity support services in the corresponding software and equipment of the Internet of Vehicles service, and regularly or irregularly updates or terminates this service.

We can notify customers through website announcements, emails, in-vehicle systems, mobile phone text messages, voice calls, etc. according to the specific content of the notification.

Email, SMS, and voice calls will be sent to the email address and mobile phone listed in the customer's account registration information.

Cybersecurity Notice for Scrapping or Resale

Before you resell or scrap the vehicle, that is, when you no longer hold the vehicle, you should clear the personal information in the vehicle terminal by yourself.

The company does not assume any responsibility if the personal information of the vehicle terminal is leaked to a third party due to improper operation.

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2. Battery Electric System

2-1. Battery Electric System

Battery Electric System

Pure electric vehicle introduction

The vehicle is driven by pure electric and does not need to be powered by an engine, which is the main difference from traditional fuel vehicles. This vehicle uses the power battery to store the electric energy, the power battery must be fully charged before running. In the process of vehicle driving, the power battery is in a state of gradual discharge. When the power battery is low, it must be charged, otherwise the vehicle cannot drive. The vehicle uses two charging methods: AC slow charging and DC fast charging. AC slow charging includes special charging pile slow charging and portable emergency charging cable slow charging.

Usage Precautions for Power Battery

With the increase of service life and charging times, the power battery capacity will decline and driving range will be reduced, which is normal. Driving range and power battery capacity are affected by driving habits, parking condition, charging way and power battery temperature etc. The following advices should be followed:

1. When the vehicle is prompted to charge, charging should be performed as soon as possible to protect the cycle service life of the power battery.
2. The service life of power battery is related to depth of discharge. In order to avoid deep discharge, charge the vehicle as soon as possible when the vehicle is out of use, which is conducive to cycle use of power battery and improves its service life. Avoid the situation that the battery is not charged for a long time after charging is prompted, otherwise the power battery is likely to be damaged.
3. Drive the vehicle gently. Accelerating and decelerating quickly are not conducive to use of power battery during driving. It is recommended to keep slow acceleration and avoid sharp deceleration as far as possible, which can significantly improve the driving range and service life of the power battery.
4. Do not park the vehicle in high temperature ($>55^{\circ}\text{C}$) environment for a long time. When parking vehicle in summer, park the vehicle in a cool environment to avoid direct sunlight and keep away from heat source.
5. Do not park the vehicle in low temperature (lower than -30°C) environment for a long time. If the external temperature is very low, the internal of power battery may freeze, resulting in failure to charge and failure to provide power for vehicle. Park the vehicle in warm environment in time.

READ

Frequent use of fast charging will affect the service life of power battery. Slow charging is recommended.

6. When the temperature is high in summer, the number of times of fast charging should be reduced or not used, which is helpful for protecting the power battery and extending the service life of the battery.
7. If vehicle is parked for a long time, keep the charge of power battery at 50%, and disconnect the negative low voltage battery. It is recommended to charge once a month. Please connect negative low voltage battery before charging.
8. Charge at least once a month, which helps to correct the power battery.
9. Never use power battery in vehicle for other purposes.

Usage Precautions for Electric Vehicle

This vehicle uses high voltage up to several hundred volts. Please observe the warnings on the vehicle warning label. In order to ensure your safety, be sure to pay attention to the followings during use:

1. Please observe warning label attached on vehicle parts.
2. Before driving vehicle, make sure charging cable is pulled out and the charging port is correctly closed, and check if warning light on instrument cluster and indicator are normal.
3. When cleaning vehicles or in rainy days, close the doors, front compartment cover, back door to avoid water directly wet high voltage system and power battery, failure to do so may cause short circuit in high voltage system.
4. When leaving the vehicle, always shift the shift lever to P to avoid vehicle from moving accidentally.
5. When the vehicle is in READY state and the gear position is in D/R, if the brake pedal is not depressed, the vehicle will creep.
6. When the vehicle battery is less than 10%, it may affect the normal acceleration performance of the vehicle.

2. Battery Electric System

READ

- When vehicle is charged in low temperature, the charging time will be extended.
- When vehicle drives in low temperature, because discharging capacity of the power battery will be reduced, the power performance and driving range of the vehicle will be reduced, and it can be recovered after the temperature rises.
- The vehicle is powered by the power battery to drive the vehicle. Frequent acceleration consumes power battery faster than driving at a steady speed.
- The front compartment fan and water pump may work during charging, which is normal.

Tips for using in high temperature and low temperature

■ Tips for using in high temperature

1. Try to park the vehicle in a cool place or underground garage to charge; hot environment is not conducive to charging status and affects the service life of power battery and on-board charger.
2. During use, the charging time and frequency should be grasped accurately according to actual situation. Avoid affecting the service life of power battery due to deep discharge.

■ Tips for using in low temperature

1. Try to park the vehicle in the shelter, sunny place or garage to charge, it is better to charge in the insulation garage.
2. Please charge the vehicle immediately after it is out of use. The charging of the power battery is greatly affected by the temperature. After driving the vehicle for a certain distance, the power battery temperature will rise. At this time, the charging speed will be increased, which can save the heating time of the power battery at low temperature.
3. When the power battery is fully charged, green charging indicator comes on, unplug the charging gun when the vehicle is used.

CAUTION

- Do not use the fast charging when the ambient temperature is too low or too high.
- The charging time will be extended in low temperature environment. When charging in low temperature environment, the power battery needs to be heated, and the charging energy consumption will increase, which is normal.

Precautions when using vehicle in extremely hot/cold environment

The optimal ambient temperature for the vehicle is about 25°C. Using and parking the vehicle in extremely hot, extremely cold environment will have a certain impact on the vehicle function and performance. If the vehicle must be used and parked in this environment, please read carefully and follow the following requirements.

■ Extremely hot environment

1. Do not park the vehicle in high temperature environment for a long time. When parking vehicle, please park the vehicle in a cool environment and avoid charging in direct sunlight.
2. When the ambient temperature is higher, the vehicle power may be limited or the charging time may be extended, which is normal.

■ Extremely cold environment

1. When the vehicle is parked in an extremely cold environment, please use slow charging immediately. If vehicle cannot be charged in time, keep the charge of power battery not be less than 60%.
2. Do not park the vehicle in low temperature environment for a long time,, the vehicle may be unable to drive. At this time, you need to warm up before driving.

CAUTION

Any improper use of the vehicle by the user may damage your vehicle, and the resulting vehicle damage and performance problems are not covered by the quality warranty. And we cannot provide any guarantee and any responsibility or obligation will not be borne. Especially in extreme environments, it may cause damage to critical components of your vehicle (-such as power battery), or even make the vehicle unable to drive.

■ Driving safety tips on road covered with ice and snow

1. Check if brake system is normal before driving.
2. Slow down on road covered with ice and snow to avoid rapid acceleration.
3. Keep a safe distance and drive along the track of the vehicle ahead.
4. Avoid a sudden braking, mainly depress the brake pedal slightly to brake.
5. Slow down in advance when turning and turn the big corner at a slower speed.
6. Erect the wiper when parking to prevent freezing.

2. Battery Electric System

CAUTION

Due to the corrosiveness of snowmelt salt, it can corrode the vehicle paint, chassis, electrical circuit and pipeline. Therefore, after driving on the road sprayed with snowmelt salt, the vehicle should be cleaned in time to prevent corrosion.

Malfunction handling

If any of the following conditions occurs, it will be regarded as a failure. Please contact the authorized service station for inspection and repair:

1. After the power battery is fully charged, the power battery can not be connected when starting, and charging cable connection indicator  and power battery cut-off indicator  come on; Please check if the external charging cable is unplugged. The vehicle cannot drive when the external charging cable is connected.
2. After vehicle is started, the gear display on the instrument cluster flashes, and the vehicle cannot drive. The shift operation is incorrect, please follow the regulations and gently depress the brake pedal to shift.
3. Power limit indicator  comes on (when the power battery temperature is too high, it also comes on), the power performance is reduced and the maximum vehicle speed is limited; Vehicle system malfunction indicator , power battery malfunction indicator , motor and controller malfunction indicator  come on, the vehicle cannot drive, please contact the authorized service station for inspection and repair in time.
4. When other faults occur, please contact professional personnel from authorized service station for inspection and repair.

- If power battery low warning indicator comes on, please charge the vehicle as soon as possible.
- When the vehicle is not in use for a long time, it is recommended to disconnect negative cable from battery of front compartment to prevent battery depleted.
- Long-term storage of the vehicle should be avoided. In order to benefit the service life, park the vehicle in cool environment and store with about 50% of the battery.
- For power battery status inspection and balanced maintenance, please go to the authorized service station.

Emergency cut-off system

- Automatic power-off function after high voltage malfunction

The vehicle is equipped with high voltage fault automatic power-off protection function. When high-voltage components of the vehicle are malfunctioning, the

vehicle will automatically cut off the high voltage power supply in order to protect the persons in the vehicle. When the following indicators on instrument cluster illuminate, the vehicle will automatically cut off the high voltage power supply:

1. Insulation malfunction indicator  and power battery cut-off indicator  come on at the same time, indicating that the high voltage components in the vehicle has insulation malfunction. At this time, the vehicle will automatically cut off the high voltage.
2. Power battery malfunction indicator  and power battery cut-off indicator  come on at the same time, indicating that the power battery has a malfunction. At this time, the vehicle will automatically cut off the high voltage.
3. Vehicle system malfunction indicator  and power battery cut-off indicator  come on at the same time, indicating that the vehicle system has a malfunction. At this time, the vehicle will automatically cut off the high voltage.
4. Motor and controller malfunction indicator  and power battery cut-off indicator  come on at the same time, indicating that electric drive system has a malfunction. At this time, the vehicle will automatically cut off the high voltage.

CAUTION

- When power-off malfunction occurs, please contact the authorized service station for inspection and repair immediately. When power-off malfunction occurs during driving, the vehicle will be in coasting condition. At this time, the hazard warning light should be turned on, and drive the vehicle to emergency lane or safe place, then contact authorized service station for inspection and repair immediately.
- During or after charging, if the vehicle is started without pulling out the charging gun, the vehicle cannot be started. At this time, pull out the charging gun to restart the vehicle.

Automatic power-off function after collision

When vehicle is involved in a collision and the relative speed reaches the set threshold, the vehicle will automatically cut off the high voltage, and vehicle system malfunction indicator, power battery cut off indicator, turn signal indicator on instrument cluster will come on at the same time.

■ Safety protection

1. Personnel other than professional personnel of vehicle manufacturer are strictly prohibited to remove and install the power battery.
2. Do not use organic solvent to clean the power battery housing, doing so may damage the surface insulation coating and form insulation trouble.

2. Battery Electric System

3. Do not put metalware together with the power battery assembly, and do not park the vehicle in an area with sparks splashing or in a flood area.

Power Battery Recovery Requirements and Procedure Information

The power battery is installed on the vehicle chassis. Disposal at will can cause pollution and harm to the environment.

According to relevant regulations, vehicle owner is obliged to hand over used power battery to recycling service stations. It is strictly forbidden to hand over used power battery to other units or individuals. The vehicle owner shall be responsible for environmental pollution or safety accidents caused by unauthorized removal or disassembly of the power battery.

Be sure to deal with the following information or requirements. For details on the recycling and disposal of power battery, please consult vehicle authorized service station.

1. Personnel requirements: The disassembly of power battery must be performed by professionals with certification qualification of power battery supplier.
2. Transportation: The power battery belongs to the 9th category of dangerous goods and must be transported by vehicles with the 9th category of dangerous goods transportation qualification.
3. Storage: The removed power battery should be stored in a dry environment with room temperature, away from flammable materials, heat sources, water sources and other hazards.
4. The temporary recycling service station for vehicle used power battery is the local authorized service station.

2-2. Charging and Discharging Instructions

The charging methods of this vehicle include AC charging pile charging (AC slow charging), DC charging pile charging (DC fast charging) and portable emergency charging cable charging (emergency charging).

This vehicle supports high power external reverse discharge function.

Charging Precautions

1. Please be sure to confirm and use charging device that meets the standards for charging; If you use a portable emergency charging cable charging, please select a single-phase two stage power supply socket with ground that meets the standards to ensure the maximum current of the socket cable; Avoid charging safety problems caused by misoperation or abnormal charging device.
2. Ensure that the charging device is reliably grounded and has the power leakage protection function.

3. Select appropriate charging place or take necessary protective measures to avoid charging safety problems.
4. Make sure to check whether the charging port and cable of the vehicle are damaged before charging each time. If the above situation occurs, please contact the authorized service station in time.
5. Do not replace or remove any parts in abnormal situations. Please contact the authorized service station in time.
6. Before charging, make sure to shift the shift lever to P and vehicle cannot move.
7. Do not attempt to drive the vehicle and other behaviors that may affect the charging safety during charging.
8. During charging, if it needs to finish charging in advance, pull out charging gun while ensuring the safety to finish charging.
9. With the influence of external factors such as service life of vehicle, ambient temperature or different local charging voltage, the charging time of vehicle will change compared with the normal charging time.
10. When charging at low temperature environment, the battery control system automatically switches the battery heating system on and off according to the temperature of the cell during charging, so the charging time will be increased.
11. After the charging is completed, pull out the charging gun in time. Consider that the temperature of charging plug terminal is higher, do not touch charging plug to avoid burning.
12. Under the premise that the power of charging device meets the demand of vehicle at room temperature, the DC charging time is generally fast; Note that, in high temperature and low temperature environment, in order to prolong the life of power battery effectively, the DC charging current will be reduced. And at low temperature, the power battery needs to be heated before charging, so the DC charging time will increase.
13. Before charging/discharging, please carefully check the charging/discharging connection device to ensure that the power supply device, charging/discharging gun, charging port, and charging/discharging connectors etc. are free from cable wear, rust, shell breakage or foreign objects in port and other abnormal conditions.
14. It is forbidden for minors to perform charging/discharging operations or touch and use charging/discharging device. Charging/discharging gun is a high voltage electrical device. Do not let minors approach it when charging/discharging.
15. Medical or implantable electronic devices may be affected during charging/discharging. Please consult the electronic device manufacturer before charging/discharging to avoid affecting the normal operation of related electronic devices.

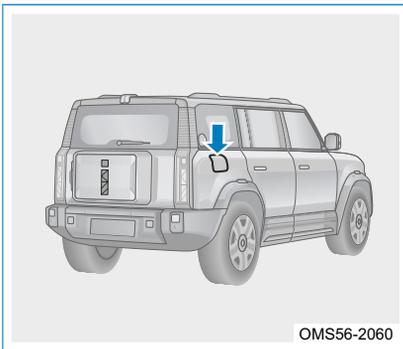
2. Battery Electric System

16. Please choose a safe and reliable environment for charging, and avoid charging in wet, fire and heat environments.
17. Please use special charging/discharging devices for electric vehicles that meet relevant standards. Unqualified products, removal or modification of original charging/discharging device are strictly prohibited to avoid charging safety accidents.
18. During charging/discharging, if vehicle or charging/discharging device is abnormal, stop charging/discharging immediately and contact the authorized service station for inspection and repair in time.
19. During charging/discharging, in order to avoid external factors from damaging the charging/discharging device or vehicle, do not perform vehicle charging/discharging operations in harsh weather conditions such as thunderstorms, rain and snow;
20. After the charging/discharging is completed, ensure that the charging/discharging device is completely separated from the charging port and the charging port cover is completely closed.

CAUTION

Abnormal power-off during charging occurs, or the charging gun is not removed for a long time after the vehicle is fully charged, the battery may be depleted and the vehicle cannot be started. This phenomenon is not a product quality problem. Please strictly observe the above charging precautions. If you have any questions, please contact the authorized service station in time. If the charging safety problem is caused by improper use by the user, our company does not assume any legal responsibility.

AC Charging (Slow Charging)



1. Park vehicle in charging area, shift the gear to P and apply the parking brake;
2. Open charging port cover;

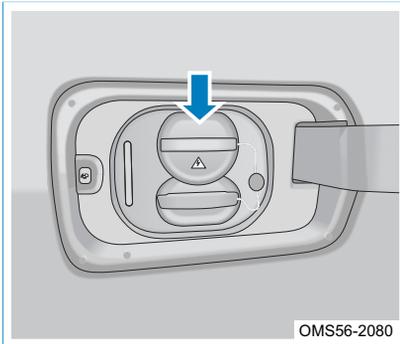
 READ

Following conditions must be met when opening charging port cover:

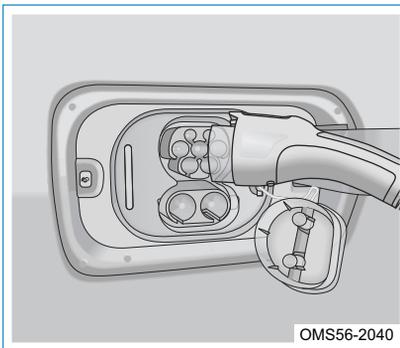
- Charging port cover is closed;
- Gear position is in P. Vehicle is in a stationary state;
- Related system has no fault (body control module, large screen, electric charging port cover);
- Brake pedal is not depressed.

In addition, each method still needs to meet the following conditions respectively:

- Method 1: Open through large screen switch in vehicle; Required: Vehicle power is ON.
- Method 2: Manually press the left area of the charging port cover outside to open it; Required: Vehicle is in the disarming state.
- Method 3: Press the charging gun switch to open it; Required: Vehicle is in the disarming state, the charging pile is a supporting charging pile and within a certain distance.



3. Remove AC charging port protective cover;



4. Remove the charging gun from AC charging pile, and insert charging gun into AC charging port until a slight sound is heard;
5. After charging is completed, unplug the charging gun from AC charging port;
6. Close protective covers of AC charging port and charging gun, and then close charging port cover;

READ

- Following conditions must be met when closing charging port cover:
 - Charging port cover is open;
 - Gear position is in P. Vehicle is in a stationary state;
 - Related system has no fault (body control module, large screen, electric charging port cover);
 - Charging gun/inverter gun is not connected.
- In addition, each method still needs to meet the following conditions respectively:
 - Method 1: Close through large screen switch in vehicle; Required: Vehicle power is ON.
 - Method 2: Short press charging port area button to close it.
 - Method 3: The charging port cover will automatically be closed if the charging gun is not inserted for more than 60 seconds.
 - Method 4: It will be automatically closed after the charging gun is unplugged for more than 60 seconds.
 - Method 5: It will be automatically closed when brake pedal is depressed/ gear position is shifted out of P/vehicle speed exceeds 15 km/h.

AC charging socket electronic lock

The vehicle AC charging socket is equipped with an electronic lock function, which prevents the charging gun from being plugged in and pulled out with electricity, and avoids charging safety problems.

■ Locking of electronic lock

Use AC charging pile that meets the national standard for charging. After the charging gun is inserted in place and the electronic lock is automatically locked, the vehicle will start charging.

WARNING

After the electronic lock is locked, if you need to remove the gun, please unlock the electronic lock before pulling out the gun; Do not pull the gun forcibly, so as not to damage the electronic lock or charging gun and other charging device.

■ Unlocking of electronic lock

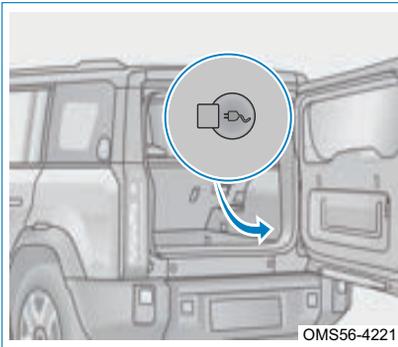
- Press lock button on smart key first, then press unlock button on smart key to unlock the electronic lock; Finally, pull out the charging gun.

 READ

- If the charging gun is not pulled out after the electronic lock is unlocked, the electronic lock will be automatically relocked after 30 seconds.
- If the vehicle is in the unlocked state and the electronic lock is in the locked state, it is necessary to close the door and lock the vehicle before performing the above electronic lock unlocking operation.

If the above unlocking method is invalid, emergency unlocking can be performed by cutting off the power supply of the charging device (for example, click to stop charging on the APP screen, turn off the power supply of the charging pile, press the emergency stop switch of charging pile).

Releasing charging gun manually (only for AC charging)

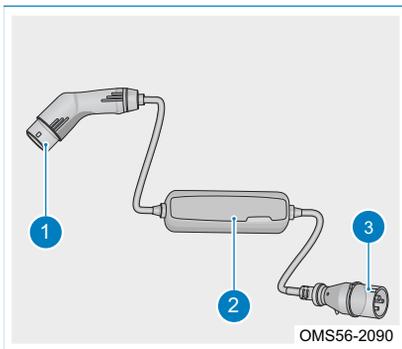


If charging gun cannot be unplugged from AC charging port, it can be released manually by using the cable.

There is an electronic lock unlocking button on the inner garnish on the right side of the luggage compartment. Manually unlock the button and pull the cable to unlock.

Portable emergency charging

The vehicle is equipped with portable emergency charging cable, which is safe, reliable, small in size and easy to carry. The product has over voltage protection, under voltage protection, over current protection, leakage safety and other protection functions.



- 1 Charging gun.
- 2 Control box.
- 3 Power source plug.

2. Battery Electric System

READ

- After the vehicle is fully charged, charging port indicator on the vehicle side remains on in green/AC slow charging breathing light remains on, which indicates that "charging completed". Please pull out the charging gun in time to finish charging.
- Only when the power battery and the battery are fully charged, the indicator status on the portable emergency charging cable is displayed as "Charging completed", and when the power battery is fully charged and the battery is still charging, the indicator status on the portable emergency charging cable is displayed as "Normal charging mode".

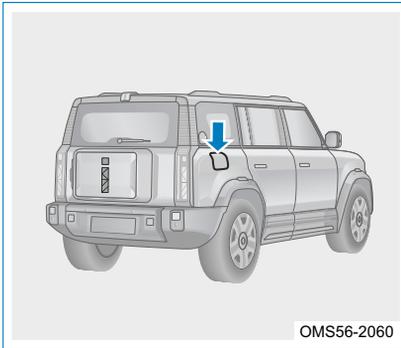
CAUTION

- During charging, if it needs to finish charging in advance, pull out the charging gun first, and then disconnect the power source plug.
- During charging, if charging port indicator light on the vehicle side is off or charging is not available, please contact the authorized service station in time.
- Portable emergency charging cable is a special charging tool used by users in emergency situations. It is recommended to use AC/DC charging piles for daily vehicle charging; Pay special attention to the fact that when the ambient temperature is less than 0 ° C, considering the low temperature heating power demand of the power battery, users are not allowed to use portable emergency charging cables to charge the vehicle, and need to charge the vehicle by using AC/DC charging piles according to the specifications; If the user uses a portable emergency charging cable to charge, the vehicle will not be able to be charged. Please contact the authorized service station in time.
- After the vehicle is fully charged, charging port indicator on the vehicle side remains on in green, which indicates that the vehicle is fully charged. Please pull out the charging gun in time to finish charging; If the charging gun is not removed for a long time after the vehicle is fully charged, the battery may be depleted.

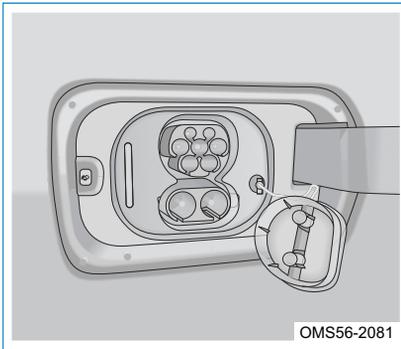
WARNING

- Never unplug charging gun forcibly when charging vehicle, otherwise it may cause damage or danger.
- It is strictly forbidden to use AC/DC adapter for charging, as it will cause damage to the vehicle and personal injury.
- Keep charging device out of the reach of children, and the persons who need care such as children are prohibited from charging.

DC Charging (Fast Charging)



1. Park vehicle in charging area, shifting the gear to P and apply the parking brake;
2. Open charging port cover;



3. Remove special DC charging gun from charging pile, unplug protective cover of DC charging port, and insert charging gun into DC charging port until a slight sound is heard;
4. After the charging is complete, pull out the charging gun from DC charging port;
5. Close protective covers of DC charging port and charging gun, and then close charging port cover;
6. Finally, put the charging gun on the DC charging pile.

CAUTION

- When the ambient temperature is too high/low, charging time of vehicle becomes longer, which is normal. In order to ensure the best charging performance of the power battery, the vehicle charging system will adaptively adjust the charging power and charging time with temperature changes.

Intelligent Recharge

When the vehicle meets certain conditions, check the battery voltage periodically (every hour after arming). If the battery voltage is lower than 12.5 V, the vehicle connects to the high voltage power, and the intelligent recharge function operates.

- Intelligent recharge duration 120 minutes.

2. Battery Electric System

When the timing is over, the high voltage power is off and the vehicle sleeps.

Function limit

1. If the high voltage system is faulty or disconnected, the intelligent recharge is terminated or the intelligent recharge is not performed.
2. If the vehicle is powered on, or power on request for other remote functions is sent, or fast or slow charging gun is inserted, the intelligent recharge exits.
3. When the power battery is less than 10%, the intelligent recharging function is not turned on.

High Power Reverse Discharge



High power reverse discharge function: This function has a lower limit setting for remaining power usage, which is 20% by default. When setting it by yourself, the maximum remaining power limit can only be adjusted to -10% lower than the current remaining power. If the setting is higher than the current remaining power, it will be prompted that the power is low, the reverse discharge function cannot be turned on, and the remaining power limit needs to be reset.

Enabling method: With vehicle power ON, turn on this function in the central control screen, insert the inverter gun, and the display will pop up discharging confirmation information. After clicking to confirm, the inverter gun will start to work, and the large screen will display the inverter status information.

The following actions will turn off the reverse discharging status: 1. Turn off the vehicle power; 2. Pull out the inverter gun; 3. Insert the fast charging gun; 4. The remaining battery power reaches the set lower limit.

⚠ CAUTION

- With vehicle in READY state, when the inverter gun is inserted, the vehicle automatically exits the READY state and returns to the power ON state.
- When the inverter is working and it needs to enter the READY state, it will be prompted to remove the inverter gun. After removal, you can enter the READY state.
- In the fast charging state, the inverter discharging function is not available.
- Power ON. Plug in the inverter gun, if the electric parking is not pulled up, the parking brake is pulled up synchronously.

Pedestrian Reminder System

When vehicle is driving at low speed, the pedestrian reminder system sends a prompt sound to warn pedestrians and other vehicles, so as to enhance driving safety.

When vehicle moves forward (speed is not higher than 30 km/h) or reverses, give pedestrian protection low speed prompt sound to remind pedestrians and vehicles; When vehicle speed is higher than 30 km/h, pedestrian prompt system stops working regardless of moving forward or reversing.

PREPARATION FOR DRIVING

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3. PREPARATION FOR DRIVING

3-1. Instrument Cluster

Instrument Cluster



- | | | | |
|---|---------------------------|---|-----------------|
| 1 | Gear position information | 2 | Speedometer |
| 3 | Remaining charge | 4 | Driving mileage |
| 5 | Power gauge | 6 | READY status |
| 7 | Drive mode | 8 | Total mileage |

Gear position information

Currently selected gear position information.

Speedometer

Speedometer is used to display the current speed of the vehicle (unit: km/h).

It is possible to drive at high speed on a good road surface, but for the driving safety, comfort and stability, it is necessary to follow the speed specified by traffic regulations on ordinary road surface.

Remaining charge

Indicates the current remaining charge of the vehicle.

Driving mileage

Driving mileage is used to display the estimated mileage of the current remaining charge.

The specific value of the current predicted driving mileage displayed on driving mileage in km, with a display range of 0 - 999 km. Due to different road conditions and driving conditions, the displayed driving mileage may differ from the actual driving distance, and this value is for reference only.

Power gauge

Power gauge is used to display the current output power of the vehicle. (Unit: kW)

When the drive motor consumes electricity to output power, the power is displayed as a positive value; When the drive motor generates electricity (- energy recovery) to charge the power battery, the power is displayed as a negative value.

READY status

If READY is displayed, the vehicle is ready to drive.

Drive mode

Indicates the currently selected drive mode.

Total mileage

Indicates the total mileage of the vehicle.

Operation Indicators and Malfunction Indicators

The operation indicator is used to alert the driver the operating condition of a certain vehicle's system, the corresponding operation indicator will come on.

Malfunction indicator is used to alert the driver that a certain system of the vehicle is malfunctioning, the corresponding malfunction indicator will come on or flash.

When the vehicle is powered on, most of the malfunction indicator illuminate briefly, which means the system is performing the self-test. If a malfunction indicator remains on or flashes after the vehicle starts, please go to authorized service station to repair the relevant system immediately.

	<p>Left turn signal indicator</p>	<p>When the left turn signal light is turned on, the left turn signal indicator flashes.</p> <p>If turn signal indicator flashes twice faster than usual, it means that turn signal indicator is malfunctioning.</p> <p>When hazard light switch is turned on, both left and right turn signal indicators will flash simultaneously.</p>
	<p>Right turn signal indicator</p>	<p>When the right turn signal light is turned on, the right turn signal indicator flashes.</p> <p>If turn signal indicator flashes twice faster than usual, it means that turn signal indicator is malfunctioning.</p> <p>When hazard light switch is turned on, both left and right turn signal indicators will flash simultaneously.</p>

3. PREPARATION FOR DRIVING

	Position light indicator	When the position lights are turned on, the indicator comes on.
	High beam light indicator	When the high beam light is turned on or the high beam lights flash, the indicator comes on.
	Low beam indicator	When low beam lights are turned on, this indicator comes on.
	Rear fog light indicator	When rear fog lights are turned on, this indicator comes on.
	Auto hold malfunction indicator	When auto hold is faulty, this indicator comes on. Please contact authorized service station for inspection and repair as soon as possible.
	Auto hold operation indicator	When auto hold operates, this indicator comes on.
	Auto hold ON indicator	When auto hold is turned on, this indicator comes on.
	Intelligent high beam light operation indicator	When intelligent high beam light function is turned on, this indicator comes on.
	Intelligent high beam light malfunction indicator	When intelligent high beam light function is faulty, this indicator comes on.
	Malfunction indicator	This indicator is used to alert the driver that vehicle is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
	Drive anti-skid indicator	When the drive anti-skid function is working, this indicator flashes. When the drive anti-skid function is faulty, this indicator remains on. Please go to authorized service station for inspection and repair as soon as possible.
	Drive anti-skid OFF indicator	When the drive anti-skid function is turned off, this indicator remains on.

3. PREPARATION FOR DRIVING

	<p>Vehicle power limitation indicator</p>	<p>This indicator is used to alert the driver that system power is limited.</p>
	<p>EPB malfunction indicator</p>	<p>This indicator is used to indicate that the current EPB is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.</p>
<p>RVM</p>	<p>T-BOX malfunction indicator</p>	<p>When the vehicle network signal is poor or T-BOX is faulty, this indicator comes on. If the vehicle is in an area with good signal and the indicator still comes on, please go to authorized service station for inspection and repair.</p>
	<p>Front collision warning malfunction indicator</p>	<p>This indicator is used to indicate that the automatic emergency braking system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.</p>
	<p>Vehicle maintenance reminder indicator</p>	<p>This indicator remaining on is used to alert the driver that the vehicle needs maintenance. Please go to authorized service station for inspection and repair as soon as possible.</p>
	<p>Power battery maintenance indicator</p>	<p>This indicator flashing is used to alert the driver that the power battery needs maintenance. Please go to authorized service station for maintenance as soon as possible.</p>
	<p>Power battery cut off indicator</p>	<p>This indicator remains on to alert the driver that the connection between power battery and drive motor is cut off. Please contact authorized service station for inspection and repair as soon as possible.</p>
	<p>Blind spot detection malfunction indicator</p>	<p>This indicator is used to indicate that the blind spot detection system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.</p>

3. PREPARATION FOR DRIVING

	Driver or front passenger seat belt unfasten warning light	When the vehicle is powered on and the driver or front passenger does not fasten the seat belt, this warning light comes on.
	Charging gun connection indicator	When charging vehicle, charging gun connection indicator is on.
	Door open indicator	This indicator is used to alert the driver of the opening and closing status of driver door.
	Electrical parking indicator	This indicator is used to indicate that the vehicle is in electric parking condition currently.
	Hill descent indicator	This indicator is used to indicate that the vehicle's hill descent is operating currently.
	Hill descent malfunction indicator	This indicator is used to alert the driver that hill descent is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
	Hill-hold assist indicator	This indicator is used to indicate that the hill-hold assist is operating currently.
	Hill-hold assist malfunction indicator	This indicator is used to alert the driver that the current hill-hold assist is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.
	Electric drive system overheating warning indicator	This indicator is used to alert the driver that motor or controller temperature is too high, cooling system is malfunctioning. Please contact authorized service station for inspection and repair as soon as possible.

3. PREPARATION FOR DRIVING

	<p>Insulation malfunction indicator</p>	<p>This indicator is used to alert the driver that system insulation is malfunctioning; The indicator remains on in case of general leakage, and flashes in case of serious leakage. If the indicator is on, please contact authorized service station for inspection and repair as soon as possible.</p>
	<p>Brake light malfunction indicator</p>	<p>This indicator is used to alert the driver that brake light is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.</p>
	<p>Airbag malfunction indicator</p>	<p>This indicator is used to alert the driver that airbag system is malfunctioning. Please contact authorized service station for inspection and repair as soon as possible.</p>
	<p>Electric drive system malfunction indicator</p>	<p>This indicator is used to alert the driver that electric drive system is malfunctioning. Please contact authorized service station for inspection and repair as soon as possible.</p>
	<p>Power battery malfunction indicator</p>	<p>This indicator is used to alert the driver that power battery is malfunctioning. Please contact authorized service station for inspection and repair as soon as possible.</p>
	<p>Tire pressure system malfunction indicator</p>	<p>This indicator is used to alert the driver that tire pressure system is malfunctioning. Please check if tire pressure is too low/high. If tire pressure is abnormal, please go to authorized service station for inspection and repair as soon as possible.</p>
	<p>Vehicle system malfunction indicator</p>	<p>This indicator is used to alert the driver that vehicle system is malfunctioning. Please contact authorized service station for inspection and repair as soon as possible.</p>

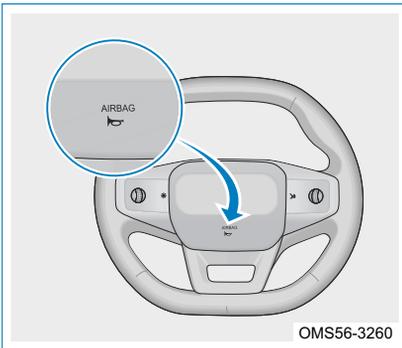
3. PREPARATION FOR DRIVING

	<p>Brake system malfunction indicator</p>	<p>This indicator is used to alert the driver that brake fluid level is too low or brake system is malfunctioning. Please contact authorized service station for inspection and repair as soon as possible.</p>
	<p>Anti-lock brake system malfunction indicator</p>	<p>This indicator ON is used to alert the driver that anti-lock brake system is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.</p>
	<p>Battery charging and discharging malfunction indicator</p>	<p>This indicator is used to alert the driver that battery charging or discharging is malfunctioning. Please contact authorized service station for inspection and repair as soon as possible.</p>
	<p>Low power battery indicator</p>	<p>This indicator is used to alert the driver that the power battery is low. Please charge in time.</p>
	<p>Cruise control system operation indicator</p>	<p>This indicator is used to alert the driver that cruise control system is in operating condition.</p>
<p>READY</p>	<p>Driving ready indicator</p>	<p>This indicator is used to alert the driver that vehicle is ready for normal driving. If the indicator does not come on, it indicates that vehicle is malfunctioning or other conditions are not met, please contact authorized service station for inspection and repair as soon as possible.</p>
	<p>Inverter function indicator</p>	<p>When inverter function is in operating condition, the indicator comes on.</p>

	<p>Inverter function malfunction indicator</p>	<p>This indicator ON in yellow indicates that inverter function is malfunctioning. Please go to authorized service station for inspection and repair as soon as possible.</p>
	<p>Electric power steering system malfunction indicator</p>	<p>This indicator ON is used to alert the driver that electric power steering system is malfunctioning. If this indicator still comes on after restarting the vehicle, please contact authorized service station for inspection and repair immediately.</p>

3-2. Steering Wheel

Horn



To sound the horn, press area near horn mark on the steering wheel.

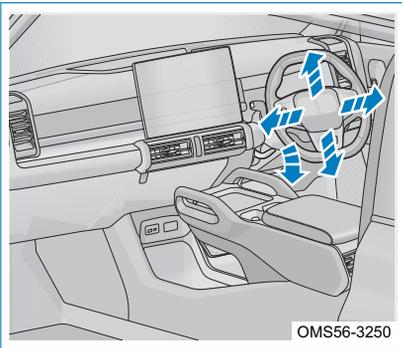
CAUTION

- Please try not to sound horn near places such as schools, hospitals and residential areas.
- Strictly obey local regulations regarding usage of vehicle horns.

Steering Wheel Adjustment

Park the vehicle on a safety place, shift the gear to P:

3. PREPARATION FOR DRIVING

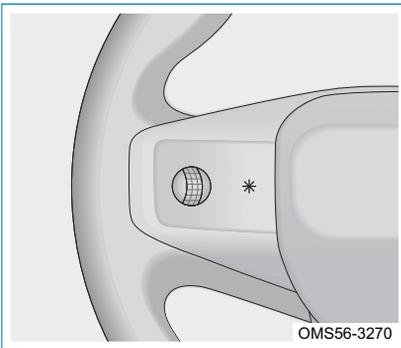


1. Push down adjustment lever and release it;
2. Hold the steering wheel with two hands and adjust the steering wheel upward and downward/ forward and backward to adjust it to a proper position;
3. Hold steering wheel steady and push adjustment lever to original position;
4. Check if the steering wheel is shaking. Repeat operations of step 3 if shaking.

WARNING

- Do not adjust steering wheel while driving, doing so may cause driver to mishandle the vehicle and cause an accident, resulting in death or serious injury.
- For safety, after adjusting steering wheel, always push adjustment lever to original position and try moving steering wheel upward and downward/ forward and backward to make sure that it is securely locked. Otherwise, steering wheel may move suddenly during driving, causing unnecessary injury and loss.

Steering Wheel Buttons



[Roller]: Short press to turn on/off A/C system.

1. A/C mode (default)

- Turn the roller up: A/C temperature increases (+0.5°C by slow rolling, +2.5°C by fast rolling).
- Turn the roller down: A/C temperature decreases (-0.5°C by slow rolling, -2.5°C by fast rolling).
- Turn the roller to left: Air volume of A/C decreases.
- Turn the roller to right: Air volume of A/C increases.

2. Cruising mode

- Turn the roller up: Cruise control/adaptive cruise speed increases (+1 km/h by slow rolling, +5 km/h by fast rolling).

- Turn the roller down: Cruise control/adaptive cruise speed decreases (-1 km/h by slow rolling, -5 km/h by fast rolling).
- Turn the roller to left: Adaptive cruise time distance adjustment decreases.
- Turn the roller to right: Adaptive cruise time distance adjustment increases.

3. Rear view mirror mode

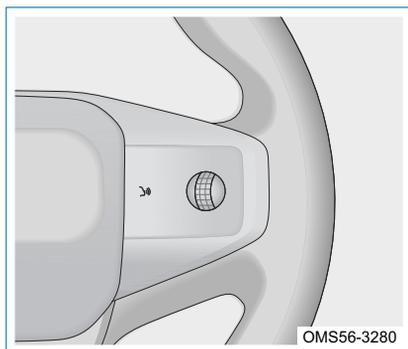
- Turn the roller up: Left outside rear view mirror is tilted upwards.
- Turn the roller down: Left outside rear view mirror is tilted downwards.
- Turn the roller to left: Left outside rear view mirror is tilted to left.
- Turn the roller to right: Left outside rear view mirror is tilted to right.

4. Meter mode

Long press the middle key to activate the adjustment function of meter, and short press again to confirm to perform the adjustment function of meter.

- Roll up to adjust the instrument cluster menu upward;
- Roll down to adjust instrument cluster menu downward.
- Slide the instrument cluster screen to the left to turn the page to the left (look at the previous fault query information);
- Slide the instrument cluster screen to the right to turn the page to the right (look at the next fault query information);

[*] button: Enter media player screen.



[Roller]: Short press: Mute when playing network radio; Pause/playback when playing music (U disc, Bluetooth, network) or video.

1. Multimedia mode (default)

- Roll the roller up: Increase the volume.
- Roll the roller down: Decrease the volume.
- Turn the roller to left: Switch to previous song.
- Turn the roller to right: Switch to next song.

2. Rear view mirror mode

- Turn the roller up: Right outside rear view mirror is tilted upwards.
- Turn the roller down: Right outside rear view mirror is tilted downwards.
- Turn the roller to left: Right outside rear view mirror is tilted to left.
- Turn the roller to right: Right outside rear view mirror is tilted to right.

3. Middle key pressing

3. PREPARATION FOR DRIVING

- Short press - play: Play/pause.
 - Short press - calling: Answer/hang up the call. Priority for answering when calling (Bluetooth phone only).
 - Long press - reject the call. Long press the key during a call to hang up.
- [] voice button: Wake up/exit voice assistant.

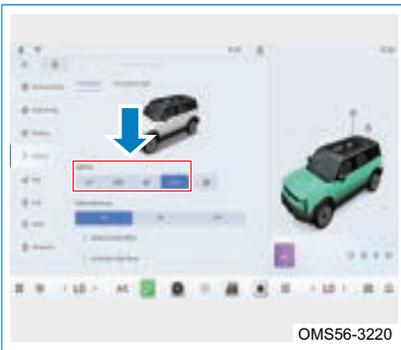
READ

Press the left and right rollers down simultaneously for 10 seconds to restart the large screen.

3-3. Lighting System

Exterior Lighting

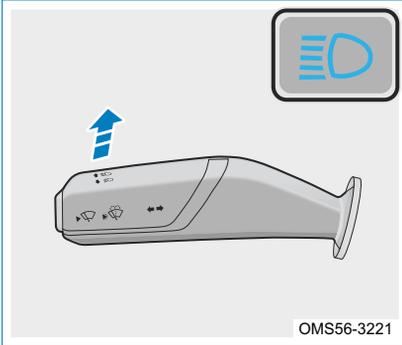
Turning on/ off exterior lighting



Click "Vehicle" to select "Lighting" option in audio system, and enter "-Headlights" screen for settings.

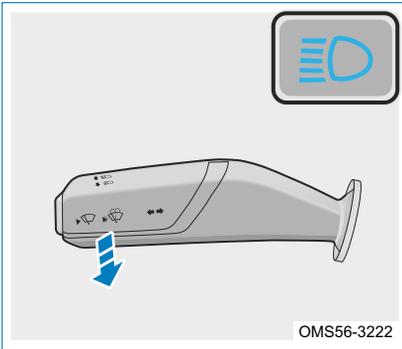
- OFF: Turn off exterior lighting.
 - Position lights: Turn on front/rear position lights, license lights and backlights. When the atmosphere light linked exterior lighting is turned on in audio system, the atmosphere light is turned on or off with the position lights.
- Low beam light: Turn on headlight low beam light and keep position light coming on.
 - AUTO: Automatically senses the intensity of external light, turn position lights, low beam lights on/off.

Headlight high beam



Turn on low beam light, and then toggle wiper light combination switch away from steering wheel side and release, headlight high beam light comes on.

Pull wiper light combination switch towards steering wheel side and release to turn off headlight high beam.



Pull wiper light combination switch towards steering wheel side and release it to flash the headlight high beam once. At the same time, headlight high beam indicator in instrument cluster blinks once.

READ

You can flash headlight high beam with headlights on/off.

CAUTION

If parking vehicle for a long time, make sure that headlight combination switch is turned off to avoid excessive battery discharging. Failure to do so may cause the vehicle cannot be started.

3. PREPARATION FOR DRIVING

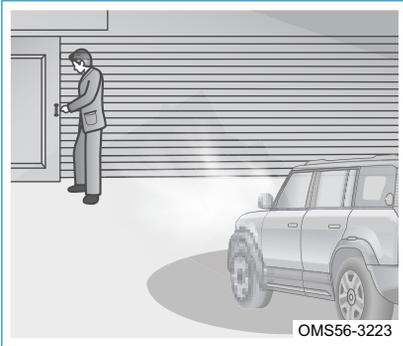
Low beam angle adjustment



Turn on the headlight before adjusting the low beam angle.

Set the low beam angle (near/nearer/far/farther) in the audio system; The driver can manually adjust the height of the low beam light based on the weight of the vehicle, enabling the driver to obtain a good field of vision at night.

Follow me home

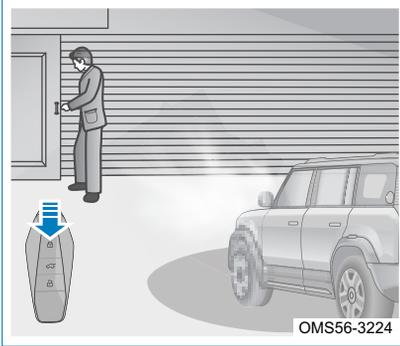


Click and turn on "AUTO" headlight in head unit on lighting setting screen. When the vehicle is in a dim environment, press lock button on smart key, vehicle is armed successfully. Low beam lights automatically come on for 30 s/60 s (-setting in audio). Press lock button on smart key again to activate it again. After reaching the set operating time, the follow me home function will be turned off automatically. Low beam lights will go off immediately.

READ

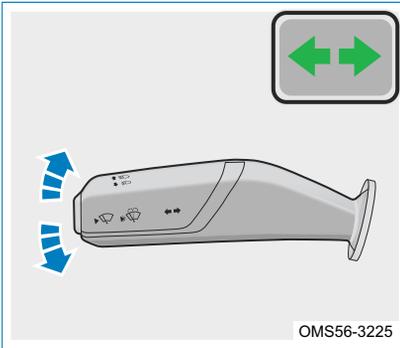
Set Follow Me Home on/off in audio head unit. Please refer to the audio system for details.

Auto locating



When vehicle is in armed state, pressing the lock button on the smart key twice within 2 s, turn signal light flashes 3 times and position light remains on for 8 s.

Turn signal light



Vehicle is powered on, move the wiper light combination switch:

Pull up: Right turn signal light comes on.

Pull down: Left turn signal light comes on.

READ

When vehicle is powered on, lightly toggle the wiper light combination switch not over steering point, and the turn signal light will flash three times.

Back-up light

Start vehicle, shift the shift lever to R, back-up light turns on.

3. PREPARATION FOR DRIVING

Rear fog light



When vehicle is powered on, turn on the low beam light, the rear fog light comes on while pressing the rear fog light switch.

READ

- When the fog light is turned on while the headlight low beam lights are not turned on, the low beam lights are turned on simultaneously.
- When turning off headlight low beam, rear fog lights turn off at the same time.
- When the rear fog light is turned off separately, the headlight low beam lights will not be turned off simultaneously.
- Use fog lights correctly in accordance with local traffic laws and regulations.

Wheel arch light

When disarming, arming, locating, Say hi light signal, the wheel arch light comes on according to light signal configuration.

License plate light

Turn on the position light in audio heat unit, the license plate light will come on, which used to illuminate the license plate in dark.

Brake light

Depress the brake pedal, brake light and high mounted brake light turn on.

Ground light (if equipped)

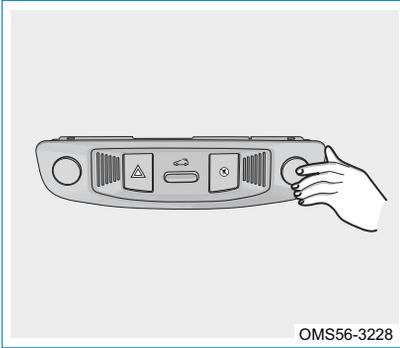
Open front left/right door, the ground light of corresponding door rear view mirror comes on. When the door is closed, the ground light delays for 15 s to turn off. When the door is always opened, the ground light of corresponding door will keep on for 3 minutes and then turns off automatically.

Foot light (if equipped)

Open the front left/right door, the foot light under instrument panel comes on.

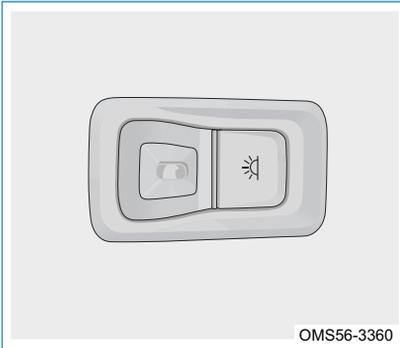
Interior Lighting

Front dome light



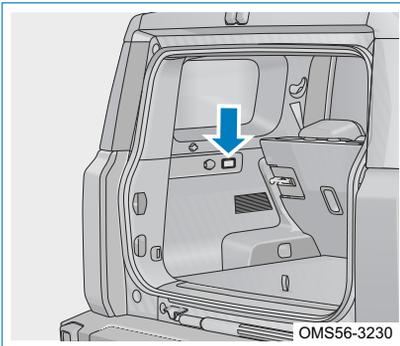
Press the front left/right dome light up, the front dome light on corresponding side comes on; Press the front left/right dome light up again, the front side dome light on corresponding side turns off.

Rear dome light



Press the rear dome light switch, rear dome light comes on, press it again, rear dome light turns off.

Luggage compartment light



When back door is opened, luggage compartment light will turn on automatically. When back door is closed, luggage compartment light will turn off immediately.

Doorsill light (if equipped)

Open the doors (four doors) and the doorsill light of corresponding door comes on. Close the doors and the doorsill light turns off.

3. PREPARATION FOR DRIVING

READ

When the door is always opened, the doorsill light of corresponding door will keep on for 3 minutes and then turns off automatically.

Monochromatic/multiple color atmosphere light (if equipped)



Click "Vehicle" to select "Lighting" option in audio system, and enter "- Atmosphere light" screen for settings.

Fogging Instructions for Light

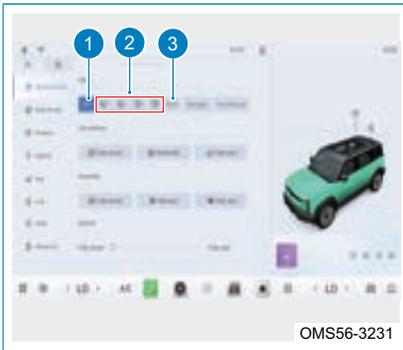
When the weather is cold or humid, the inner side of lights will fog up due to the difference in temperature between the inside and outside . After lights turn on for a period of time, the fog inside the lens will gradually disappear, and there may still be some fog at the edge of the lens, which is normal. This fog has no effect on service life of lighting system.

WARNING

- It is strictly forbidden to flush the front compartment with a high pressure water gun, in particular, the lights cannot be flushed. Due to high pressure of high pressure water gun, accessories on lights may loose or fall off, vent hole and wire harness connector may damp, resulting in water infiltration or moisture not dispersing for a long time, and even severe condensation.
- When wading, following vehicle wading requirements (water depth, speed, etc.), otherwise water may enter lights.

3-4. Wiper System

Front Wiper Operation



On "Shortcut Control" setting screen under "Vehicle Control" screen in audio system, set wiper ON/OFF.

- ① OFF: Wiper turns off.
- ② Wiper frequency mode: Set and adjust the frequency of the wiper.
- ③ AUTO mode: Control the wiping speed of the wiper according to amount of rainfall.



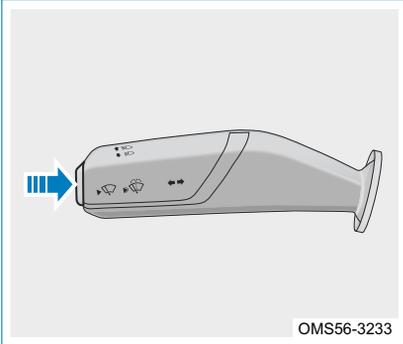
If you need to control the wiper frequency more accurately, you can set the wiper sensitivity in this screen of audio system in auto mode.

 CAUTION

- Do not operate wipers when windshield is dry. Doing so may scratch the glass and damage wiper blade.
- If there are obstacles on windshield, do not operate wipers. Doing so may damage wiper motor or scratch the windshield.
- In cold weather, always check if wiper blade is frozen onto windshield before using wipers. If so, defrost before using, failure to do so may cause damage to the wiper motor and blade strip.

3. PREPARATION FOR DRIVING

Front washer operation



Vehicle is powered on, short press the left button of wiper light combination switch, the front wiper will stop after wiping once; Press and hold the button, front washer sprays water, and front wiper operates simultaneously. After releasing, front washer stops working and wiper will operate several times.

Rear Wiper



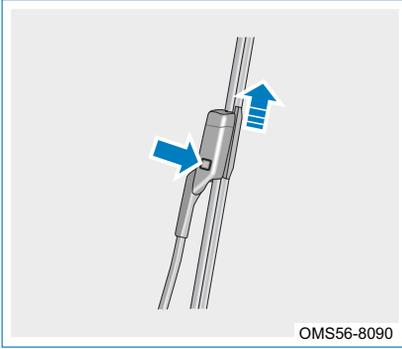
- 1 Rear wiper: Click and rear washer sprays water, and rear wiper operates simultaneously.
- 2 Rear window wash: Click and rear washer sprays water.

CAUTION

- Do not operate the wiper for more than 10 s each time. Do not operate the wiper when there is no washer fluid in the reservoir, otherwise, washer motor will be damaged. In cold weather, you must check if the wiper blade is frozen onto windshield before using wipers. If it is frozen onto the windshield, it cannot be used until the windshield is unfrozen, failure to do so may cause damage to the wiper motor.
- Do not operate wipers if there are obstacles on windshield, such as snow. Failure to do so may also damage wiper motor. Please remove obstacles before wipers operation. Do not operate wipers when windshield is dry. Doing so may scratch windshield and permanently damage wiper blades.

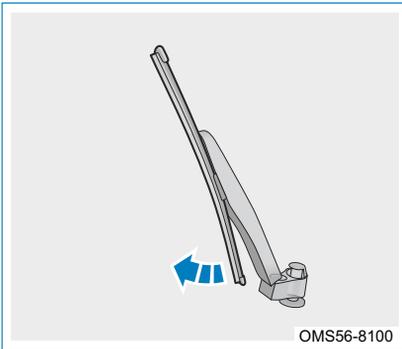
Replacing Wiper Blade

■ Replacing front wiper blade



1. Before the vehicle is powered off, swipe down to enter the control center in audio system. Click wiper maintenance to enter wiper maintenance mode, the wiper will move to a vertical position and stop.
2. Lift the front wiper arm;
3. Pull up wiper blades while pressing the lock button, so as to remove the blades;
4. Install the new wiper blades in reverse order, and make sure the hold-down clamp is locked firmly;
5. Check that front wipers work properly.

■ Replacing rear wiper blade

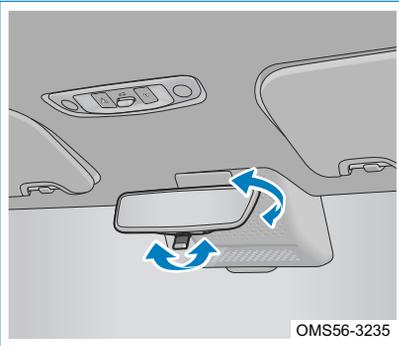


1. Lift the rear wiper arm and hold;
2. Separate the wiper blade by hand as shown in the illustration;
3. Install the new wiper blades in reverse order, and be sure to install it in place;
4. Check that rear wipers work properly.

3. PREPARATION FOR DRIVING

3-5. Rear View Mirror

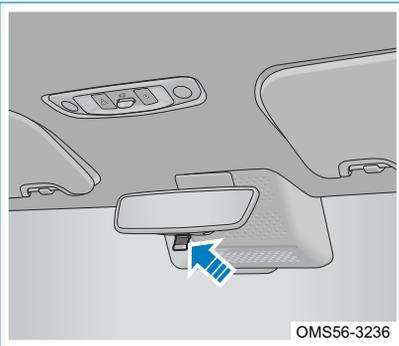
Inside Rear View Mirror



According to the driving posture, the inside rear view mirror can be adjusted up, down, left, and right.

The driver must adjust the inside rear view mirror to a suitable position so that the situation behind the vehicle can be clearly seen through the rear windshield.

Manual anti-glare inside rear view mirror (if equipped)



If it is equipped with the manual anti-glare inside rear view mirror, before driving at night, push the inside rear view mirror lever. Change the view of inside rear view mirror to achieve anti-glare function, which can reduce the reflected light from the headlights of vehicles behind.

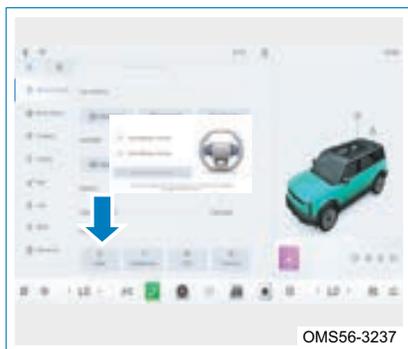
Automatic anti-glare inside rear view mirror (if equipped)

Reduce glare from the headlights of vehicles behind during night driving. The light sensor installed on front/rear side of automatic anti-glare inside rear view mirror will automatically detect and adjust the brightness of the lens.

Outside Rear View Mirror

Adjusting outside rear view mirror

Adjust the lens angle of left and right side mirror by steering wheel roller on outside rear view mirror screen.



Select "Shortcut Control" option on vehicle setting screen in audio system, and enter "Outside Mirror" screen for settings:

- Auto flipping in reverse: ON/OFF.
- Auto folding in locking: ON/OFF.
- Fold the outside mirror: extend/fold.

Outside rear view mirror heating

If vehicle is equipped with outside rear view mirror heating function, when rear defrosting function is turned on, outside rear view mirror heating function is turned on synchronously.

Automatic flip-down function of outside rear view mirror when reversing (if equipped)

Turn on automatic flip-down when reversing, when vehicle is reversing (shift lever is in R), angle of outside rear view mirror lens will flip down automatically, so that you can see the curb below; If your visual field cannot be satisfied, you can adjust position of lens through rear view mirror switch. When shifting out of R position, it will return to its original position automatically.

Outside rear view mirror memory function

Rear view mirror position is divided into driving position and reversing position: The rear view mirror driving position saving is bound to the seat position saving. When saving the seat position, save the rear view mirror driving position under the corresponding driver ID. When the vehicle exits R gear, the position of the rear view mirror before exiting R gear is saved under the current driver ID.

3-6. Seat

Front Seat

Correct sitting posture

The seats, head restraints, seat belts and airbags are helpful to protect driver and passengers. Using them fully will provide you with more protection. Please observe the followings:

3. PREPARATION FOR DRIVING



When sitting, sit slightly inclined backwards (25° backward is ideal) and well back on seatback.

The front seats must not be too close to the instrument panel. During driving, the arms should be bent slightly while holding steering wheel. The feet should also be bent slightly so that pedals can be fully depressed.

Adjust head restraints properly so that the top of the head restraint is closest to the top of your head.



The shoulder belt should be over the center of the shoulder and close to the chest, kept away from the neck, the lap belt should lie over the hips but not stomach.

Seat adjustment

■ Adjusting power seat



1 Adjusting seatback

Move upper end of button forward and backward to adjust seatback angle.

2 Adjusting seat forward and backward

Move button forward and backward parallel to adjust forward and backward position of seat.

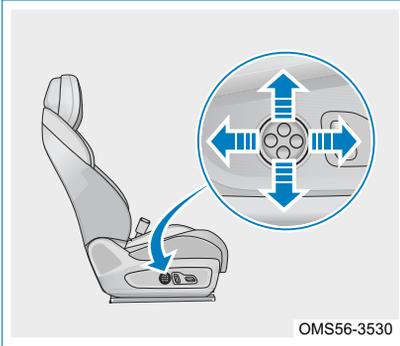
3 Adjusting seat height

Move rear end of button up or down to adjust seat height.

 READ

The seat position can also be adjusted on the driver seat position adjustment screen in audio system. Please refer to "Audio System" for details.

■ Driver seat power lumbar support adjustment (if equipped)



By continuous adjustment using lumbar support button, lumbar support function makes driver waist in a comfortable position, solving a series of problems caused by curling waist up in seat.

Long press "" to increase support to overall forward side of waist.

Long press "" to reduce support to overall forward side of waist.

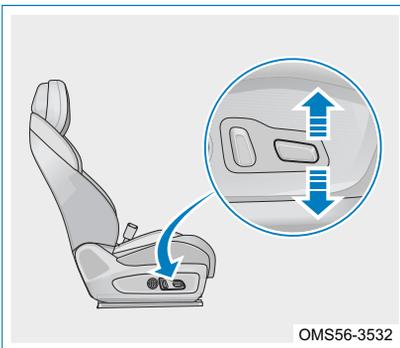
Long press "" to increase the forward support on the upper end of the waist.

Long press "" to increase the forward support on the lower end of the waist.

 CAUTION

When adjusting position using lumbar support button, there is a certain limit position. When reaching the limit position, release the button in time.

■ Seat leg support adjustment (if equipped)



Leg support function is operated by the most front end of front and rear adjustment button. Long press up leg support to extend forward, long press down leg support to retract back, which can relieve the discomfort caused by long-term hanging legs.

3. PREPARATION FOR DRIVING

CAUTION

When adjusting position using leg support button, there is a certain limit position. When reaching the limit position, release the button in time.

WARNING

- Do not adjust the seat while driving.
- After adjusting the seatback, lean your body against it to make sure that the seat is locked in position.
- Do not place any items under the seat while moving the seat, otherwise, it will prevent the seat from moving.
- Avoid reclining seatback any more than needed, the seat belts provide maximum protection in a frontal or rear collision when the driver and the front passenger sit inclined slightly backwards and well back in their seats.

Easy driver seat access/exit function (if equipped)

- Shift the shift lever to P, open driver door, driver seat goes backwards a certain distance automatically so that driver can get off conveniently.
- The vehicle is powered on, driver seat goes forwards a certain distance automatically so that driver can enter driving position conveniently.

READ

Set easy seat access/exit to ON/OFF in audio system.

WARNING

When easy driver seat function turns on, please ensure that nobody is caught; If there is risk to be caught by seat, cancel adjustment by moving the seat adjustment switch. Do not leave children alone with no one care in vehicle. They may open the driver door and may be caught due to accidental activation of easy driver seat function.

Driver seat one-touch flat function (if equipped)

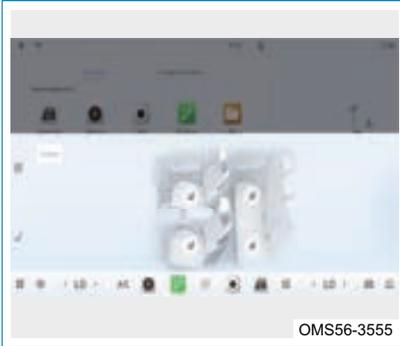
- Shift the shift lever to P, the seat is not in easy access/exit position, and the seat position is learned. Click one-touch flat button, the seatback will move backwards to the folded state.
- In driver seat one-touch flat mode, click the one-touch flat button again, the driver seatback will move to the position before folding.

READ

The one-touch flat button is set on seat setting screen in the audio system.

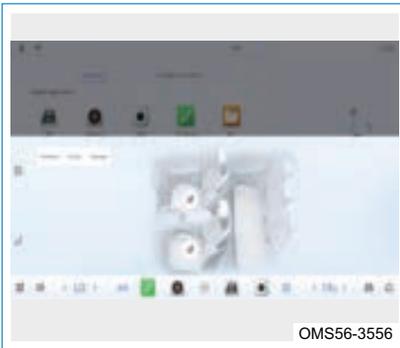
⚠ WARNING

When the driver seat one-touch flat function is enabled, please ensure that there are no passengers or obstructions in the seat behind the driver seat to prevent property damage or personal injury.

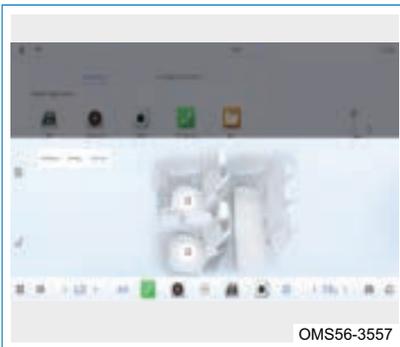
Seat ventilation function

Swipe up to enter the AC/seat screen in audio system. Click and select seats to enter seat function ON screen:

Select the ventilation button and click the seat ventilation icon  to turn on the ventilation function. Select ventilation volume 3/2/1.

Seat heating function (if equipped)

Select the heating button and click the driver/front passenger seat heating icon  /  to turn on seat heating. Select heating level 3/2/1.

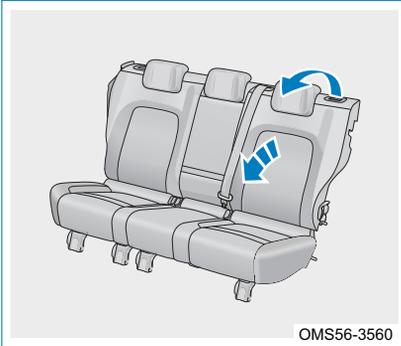
Seat massage function (if equipped)

- Select the massage button and click the seat massage icon to turn on seat massage function.

3. PREPARATION FOR DRIVING

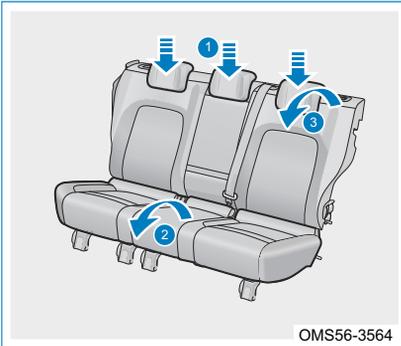
Rear Seat

Folding rear seats



Pull unlock button on upper part of seatback by hand to release the seatback while pulling the seatback forward to folding it down slowly.

Laying rear seat flat



Step ① : First adjust the three headrests of the rear seat to the lowest position.

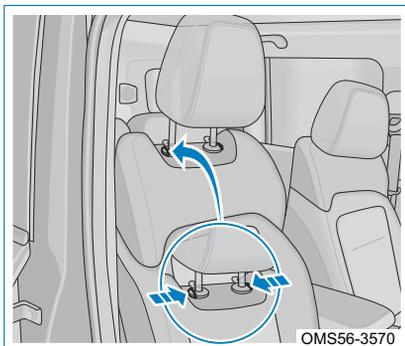
Step ② : Lift the two cushions of rear seats by a pull cord at the rear end of the cushions and place them upright in the rear aisle. Next, rotate the three rear seat belt buckles flat.

Step ③ : Pull unlock button on upper part of seatback by hand to release the seatback while pulling the seatback forward and slowly fold to a horizontal position.

⚠ CAUTION

When folding/flattening rear seat, make sure that outer seat belt passes around the seatback to avoid damaging the belt.

Adjusting Head Restraint



When adjusting head restraint upward, pull it up directly to a proper height.

When adjusting head restraint downward, press the unlock button on the right of head restraint to unlock and hold, and then adjust it lower.

To remove head restraint, simultaneously press the left and right unlock buttons and hold until the head restraint lever is unlocked completely and then pull it out completely.

⚠ WARNING

- Always adjust the head restraint to proper position.
- After adjusting the head restraint, push it down and make sure that it is locked in position.
- Do not drive vehicle with head restraint removed.

3-7. Seat Belt

Remind that front seat belt is not buckled or fastened firmly:

When vehicle speed is lower than 22 km/h, "⚠" red indicator on instrument cluster remains on. When vehicle speed is 22 km/h or higher, "⚠" red indicator on instrument cluster blinks, accompanied by sound alarm.

📖 READ

If the seat belt is released while driving, an alarm will be issued as described above. When any of the following conditions is met, alarm will stop:

- Fasten the seat belt correctly.
- The vehicle power is off.

⚠ CAUTION

- Vehicle speed mentioned in this section refers to speed displayed by meter.
- When the vehicle is stationary, the vehicle is powered on, if it is impacted by other vehicle, it may cause airbags and/or seat belts to operate.

3. PREPARATION FOR DRIVING



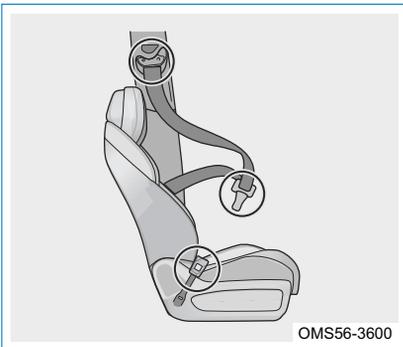
We strongly recommend the driver and passengers wear their seat belts correctly at all times. Failure to do so could increase possibility and severity of injury in case of an accident. Check the seat belt regularly. If any seat belt function failure is found, please contact authorized service station immediately to inspect, repair or replace the belt.

■ Using seat belt correctly



- Adjust seatback position, sit up straight and well back in the seat.
- Extend the shoulder belt so that it comes fully over the shoulder, but does not come into contact with the neck or slide off the shoulder.
- Position the lap belt as low as possible over the hips.
- Do not twist the seat belt.

■ Maintaining seat belt

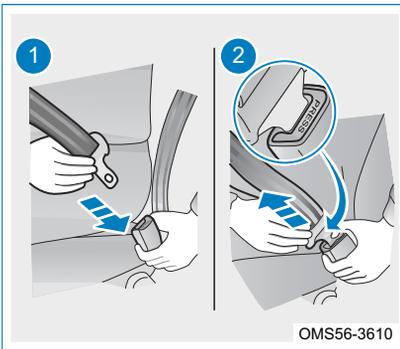


The seat belt should be inspected regularly for damage or wear. Any stretched seat belt (such as after a traffic accident) should be inspected at once by authorized service station or replace relevant components as needed.

CAUTION

- Do not try to repair or lubricate retractor or buckle mechanism of seat belt, or repair seat belt in any way, otherwise, the vehicle manufacturer will not be responsible for any problem caused thereby.
- The seat belt should be washed with mild cleanser or warm water and dry naturally. Never clean it with artificial heat.
- Do not use chemical detergent, boiling water, bleach or dye to wash the seat belt.
- Do not allow water to penetrate belt retractor mechanism.

■ Fastening and releasing seat belt

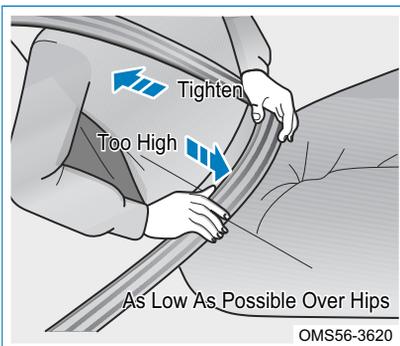


- 1 To fasten the seat belt, push the tab into the buckle until a click sound is heard.
- 2 Press the release button to retract seat belt. If the belt cannot retract smoothly, pull it out and check for kinks or twists. Make sure that seat belt can retract smoothly.

CAUTION

- Make sure that seat belt buckle position is correct and is locked safely, improper engagement may cause serious injury.
- Do not use any seat belt with a loose buckle, otherwise, the seat belt will not protect the passengers in the event of sudden braking or a collision.

■ Adjusting position of three-point type seat belt



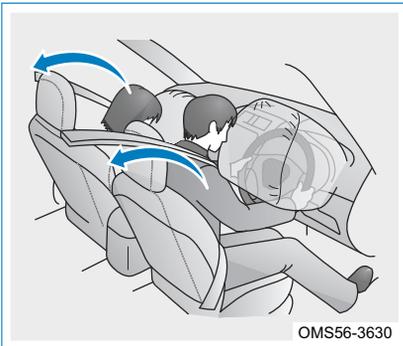
The seat belt will lock when it is pulled out quickly, but will not lock when pulling it out slowly. Position the lap belt as low as possible on your hips not on your waist, then adjust it to a snug fit by pulling the shoulder belt upward.

3. PREPARATION FOR DRIVING

CAUTION

- Ensure that all the passengers wear their seat belts properly.
- Each seat belt shall be used by one person only. Do not use a seat belt for more than one person at one time, including children.
- We recommend that children be seated in the rear seat and always use seat belt or appropriate child restraint system.
- Make sure the shoulder belt is positioned across your shoulder. The belt should be kept away from your neck, but not falling off your shoulder. Failure to do so could reduce the effect of protection in an accident.
- High-positioned lap belts and loose-fitting belts could cause death or serious injuries due to sliding under the lap belt during a collision. Keep the lap belt positioned on hips as low as possible.
- Do not place the shoulder belt under your arm.
- Do not recline seat more than necessary to achieve a comfortable ride. Seat belts are most effective when passengers are sitting up straight and well back in their seats.
- When pulling out seat belt, it may lock if too much force is applied or the vehicle is on a slope.
- Avoid loose fitting clothes when driving. These can prevent the seatbelt fitting correctly and can affect the protection offered.

Seat Belt Pretensioner (If Equipped)



Seat belt pretensioner is designed to assist front airbag in the event of a severe impact.

- When sensor detects an unavoidable severe impact, retractor quickly tightens seat belt to tightly restrain occupant.
- Seat belt pretensioner may be activated even if there is no occupant in front seat.
- In the event of a minor impact or side impact, pretensioner may not activate.
- Seat belt pretensioners and airbags work together in collisions.

- When seat belt pretensioner is activated, it may make a working sound and release a small amount of non-toxic gas.
- The gas produced does not cause a fire and is generally harmless.
- Once the seat belt pretensioner is activated, the seat belt retractor will lock.

 CAUTION

In some cases, it may prevent the seat belt pretensioner from working properly:

- Repair seat belt pretensioner or any assembly nearby.
- Modify suspension system.
- Modify front body section.
- Install grill guard or any other device to front body.

 WARNING

- Do not modify, remove, hit, open the seat belt pretensioner assembly, airbag sensor, and assembly wire. Failure to do so may prevent the seat belt pretensioner from being properly activated and cause the system to be accidentally operated and disabled, which may result in serious injury or death.
- If the pretensioner is activated, the airbag malfunction indicator on combination cluster will come on. In this case, the seat belt cannot be used again, make sure to replace it.

If any of the followings occur, there may be malfunction in airbag or seat belt pretensioner. Please contact authorized service station for inspection and repair as soon as possible.

- Vehicle is powered on, the airbag malfunction indicator on instrument cluster does not perform self-check or remains on.
- Airbag malfunction indicator comes on during driving.
- Seat belt cannot be retracted or pulled out due to malfunction or seat belt pretensioner activated.
- Seat belt pretensioner assembly or its surrounding area is damaged.

■ Methods and precautions for using seat belt by a child

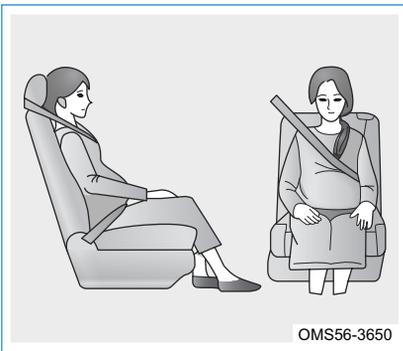
The seat belts of your vehicle are principally designed for persons of adult size. Use a child restraint system (For details, refer to "Child Restraint System" in this section) appropriate for the child.

3. PREPARATION FOR DRIVING



Do not allow children to stand or kneel on either front or rear seats. An unrestrained child could suffer serious injury during emergency braking or a collision. Also, do not let a child sit on an adult's laps. Holding a child in arms cannot provide sufficient restraint.

■ Methods and precautions for using seat belt by a pregnant woman



Obtain medical advice and wear the seat belt properly. Women who are pregnant should position the lap belt as low as possible over the hips in the same manner as other occupants. Extend the shoulder belt completely over the shoulder and across the chest, avoid belt contact with the rounding of the abdominal area. If the seat belt is not fastened properly, not only the pregnant woman, but also the fetus could suffer serious injury as a result of sudden braking or a collision.

⚠ WARNING

- Ensure that the belt tab and buckle are locked and the seat belt webbing is not twisted. If seat belt can not work properly, please contact authorized service station for inspection and repair immediately.
- If your vehicle has been involved in a serious accident and even if seat belt is not obviously damaged, please contact authorized service station for inspection and replace as needed.
- Do not attempt to install, remove, modify, disassemble or dispose of the seat belts. If there is any need above, have any necessary service carried out by authorized service station.
- Inspect the seat belt system periodically. Check seatbelt for cuts, wear, and loose belt.
- Do not use a damaged seat belt and replace it with a new one. A damaged seat belt cannot protect a passenger from serious injury.

3-8. Child Restraint System

Child Restraint System

The child restraint system protection slot must be properly secured to the seat. Strictly follow the instructions provided by the child restraint system manufacturer to install the child restraint system.

Select the child restraint system that are suitable for the vehicle and children's age and size. For installation details, refer to the manual provided with the child restraint system. This manual only provides installation instructions for general child restraint system.

The child restraint system should be installed on the rear seat. According to accident statistics, child sitting in the rear seat and properly restrained is safer than child in the front seat.

 **WARNING**

- Child restraint system must be installed in rear seat.
- Child restraint systems should comply with the safety standards set by local regulations and laws. The vehicle manufacturer will take no responsibility for injuries and accidents caused by the failure of child restraint system.

According to the regulations, the child restraint systems are divided into the following 5 groups:

Weight Group	Child Weight
Level 0	0 to 10 kg
Level 0+	0 to 13 kg
Level I	9 to 18 kg
Level II	15 to 25 kg
Level III	22 to 36 kg

This manual describes three types of child restraint systems that can be secured with seat belts.

Install child restraint system according to the instructions provided by the relevant manufacturer.

3. PREPARATION FOR DRIVING

Rearward-facing infant seat



When installing the rearward-facing infant seat, ensure that it is installed towards the rear of the vehicle. If a baby faces the front of the vehicle in an accident, it is likely to injure their delicate central spine and spinal cord. When the baby faces the rear of the vehicle, their head, neck and torso are protected by the protective seat. The rearward-facing infant seat is the most suitable for infants and is very easy to carry. It is recommended for level 0 and 0+.

Forward-facing child restraint system



After installing the forward-facing child restraint system, the child faces the normal driving direction of the vehicle. Recommended for level I: 9 ~ 18 kg.

Heightening child restraint system



For the extensibility of the child restraint system function, there is a separate heightening pad can be used together. When the child is relatively short in height and relatively light in weight, you can use a heightening pad, which can increase the child's sight line in the vehicle, and can also play a role in fully fixing the position. (Vehicle seat belt meet international standards is designed according to body size of person over 1.5 m. If any passenger under 1.5 m uses seat belt, the belt could hurt his/her neck seriously in case of an accident) It is recommended to use level II and III protective seats.

Installing child restraint system

Please follow the instructions provided by the child restraint system manufacturer. Fasten the child restraint system to the rear seat with a seat belt or child seat anchor. The top strap must be secured when installing a child restraint system.

3. PREPARATION FOR DRIVING

WARNING

Child restraint system precautions:

- For effective protection in accidents and sudden stops, a child must be properly restrained using a seat belt or an appropriate child restraint system installed on the rear seat depending on age and size of the child. Holding a child in your arms is not a substitute for a child restraint system.
- Be sure to follow the installation instructions provided by child restraint system manufacturer and install the child restraint system properly. If the child restraint system is not properly installed, it may result in serious injury or even death to the child in emergency stop, emergency steering or accidents.
- If the child restraint system interferes with locking device of front seat, do not install child restraint system in the rear seat. Otherwise, the child and front passenger may be seriously injured or even death during a emergency braking or a collision.

Child restraint system lock function belt precautions:

- Do not allow child to play with the child restraint system lock function belt. If the belt twists around a child's neck, it may not be released, leading to choking, other serious injuries or even death. Scissors should be used to cut the belt.

When the child restraint system is not in use:

- When the child restraint system is not in use, it should also be fixed properly on the seat. Do not place unfixed child restraint system in the passenger cabin.
- If it is necessary to remove child restraint system, take it out after removing or store it properly in luggage compartment. This prevents injuries to passengers in the event of a emergency stop, emergency steering or accident.

Child restraint system precautions



Labels are attached to front passenger side sun visor, indicating that it is forbidden to install a rearward-facing child restraint system on the front passenger seat. Be sure to observe the following precautions:

- Never install rearward-facing child restraint system in seat protected by front airbag.
 - Never change the design of child restraint system fixing device or seat belt on the vehicle under any circumstances.
- Never fix child restraint system with seat belt only. Always use standard fixing device for child restraint system on second row seat.

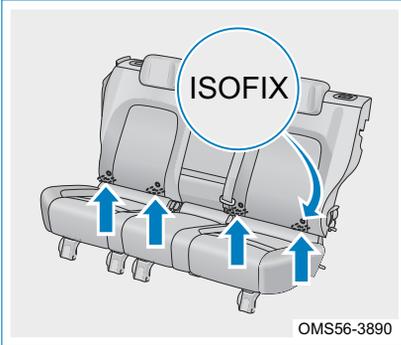
If you violate the above three precautions, any subsequent result will be borne by the user.

WARNING

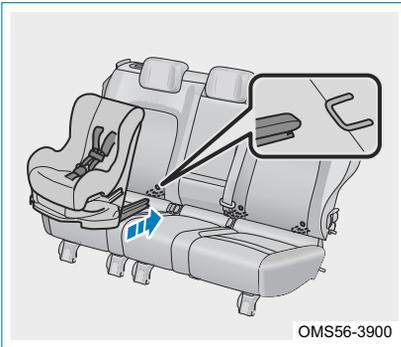
- After inserting the tab, make sure that the tab and buckle are locked and that the lap belt and shoulder belt are not twisted.
- Do not insert coins, clips, etc. into the buckle to prevent from properly latching tab and buckle.
- If the seat belt does not function normally, it cannot protect children from death or serious injury. Please contact authorized service station immediately. Do not install a child restraint system on the seat until the seat belt has been repaired.
- Make sure the shoulder belt is set halfway over the child's shoulders. The belt should be kept away from child's neck, but not falling off child's shoulder. Otherwise, in the event of emergency braking or a collision, children may be seriously injured or even death.
- High-positioned lap belts and loose-fitting belts could cause death or serious injuries due to sliding under the lap belt during a collision. Keep the lap belt positioned on child hips as low as possible.

3. PREPARATION FOR DRIVING

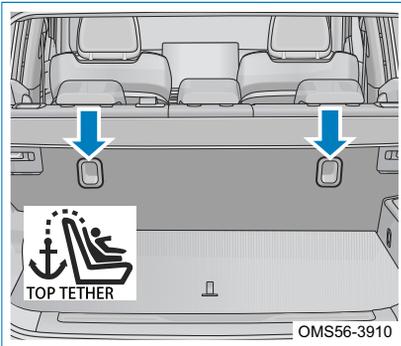
Installation of child restraint system (ISORIX)



1. Find the lower retaining ring used to secure child restraint system according to the icon position.
2. Put the child restraint system on rear seat.



3. Insert and secure lower hook of child restraint system to lower retaining ring.
4. Pull out the webbing of the child restraint system and fix it with the rear anchor point of seat.



5. The fixing anchor point is located on the back of rear seatback.

WARNING

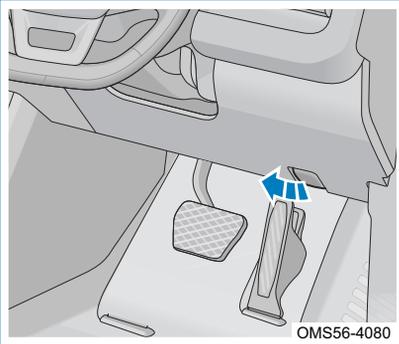
- If the child weighs more than 22 kg, it is not allow to use the fixing ring to secure the child restraint system.
- If retaining ring device is damaged or overloaded during an accident, please go to the authorized service station for replacement before use.
- Never fix more than one child restraint system on a set of retaining rings.
- Adjust the front passenger seat so that it does not interfere with the child restraint system.
- Ensure that the belt and the tab are fixed in place and the belt is not twisted.
- Push and pull the child restraint system in different directions to ensure it is securely installed.
- After installing child restraint system, never adjust the seat.
- When installing a child restraint system, follow the instructions in the child restraint system' s installation manual to secure the child restraint system in place.
- If the child restraint system is not correctly fixed in place, it may result in serious injury or even death to the child or other passengers in emergency stop, emergency steering or accidents.
- If the driver seat interferes with the correct installation of the child restraint system, install the child restraint system on rear right seat.
- Make sure the top strap is securely latched, and check if the child restraint system is secured by pushing and pulling it in different directions. Please install it according to the installation instructions provided by the child restraint system manufacturer.
- Do not use child restraint system fixing bracket to secure items other than child restraint system. Otherwise, the vehicle manufacturer will not be responsible for any problem caused thereby.

3. PREPARATION FOR DRIVING

3-9. Front Compartment Cover

Front Compartment Cover

The front compartment cover release lever is located at the left lower part of the driver side instrument panel.



1. Pull hood release lever, and the hood will pop up slightly; Pull it again, and the hood pops up slightly again;
2. Lift the front compartment cover up about 45 ° and support the front compartment cover with a support rod;

3. Retract the support rod to the front compartment cover, and lift the front compartment cover by hand to an opening height of about 40 cm. After releasing, the front compartment cover will automatically close under its own weight;
4. After closing the front compartment cover, lift the front compartment cover lightly to check that front compartment cover is fully closed.

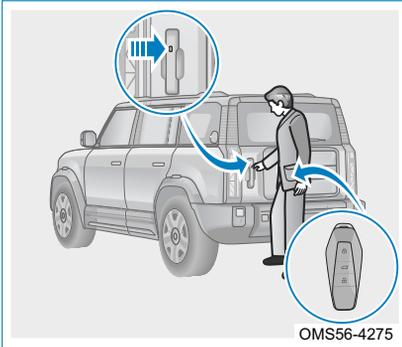
CAUTION

- Before closing the front compartment cover, check if you have not left any tools, rags etc. in the front compartment.
- Make sure that the front compartment cover is completely closed before driving. If the front compartment cover is not closed completely, drive vehicle to a safe place and stop it, and close it properly.
- Avoid lowering the front compartment cover at a high position, which may cause deformation of the front compartment cover or damage to other parts.

3-10. Back Door

Manual Back Door

Opening/closing back door



Method 1: With central lock unlocked, approach the back of vehicle, press exterior switch on the back door outside handle and pull back to open the back door.

Method 2: With central lock locked, approach to back of vehicle while carrying smart key on your person, press exterior switch on the back door outer handle and pull back to open the back door.

Method 3: Approach to the vehicle while carrying smart key on your person and long press back door opener button on the key, the back door will unlock and pop up slightly. At this time, the back door can be pulled back directly.

 READ

When the vehicle is powered on and the central lock is locked, please unlock the central lock first, and then open it with back door exterior switch.

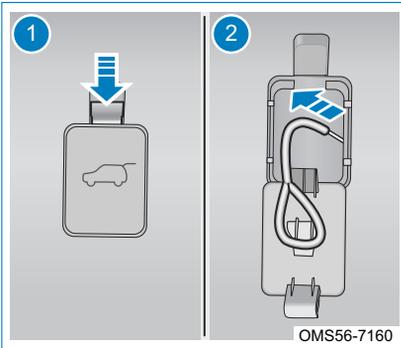
When closing the back door, hold the back door outside handle and push forward until the back door closes. If the back door is equipped with power engaging function, please gently close the back door unit it is nearly closed and loose the hand, the back door will automatically engage and close. Make sure that the back door is completely closed before leaving the vehicle.

 WARNING

Make sure that the back door is closed before driving, otherwise, accidents and damage to related parts may be caused.

3. PREPARATION FOR DRIVING

Back Door Emergency Opening



Back door cannot be opened when battery is depleted or under similar conditions. In this case, open the back door with back door emergency device switch (stop the vehicle as safely as possible if condition permits).

Fold the rear seatback, and then get in the rear of vehicle.

Step ① : Open emergency device cover.

Step ② : Pull the emergency inner door opening pull ring with hand, release it, and then push the back door to open it.

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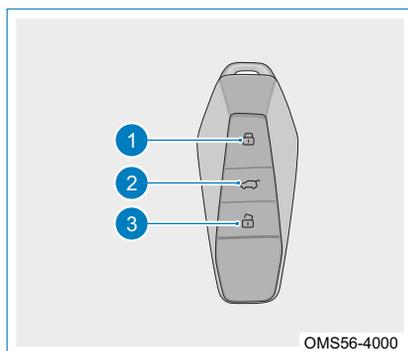
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4-1. Smart Key

Smart Key (If Equipped)

Smart key is used to unlock/lock doors and open back door.



- ① Lock button
- ② Back door button
- ③ Unlock button

Remote control function is designed to unlock/lock doors within about 20 m (- within clear view) of the vehicle. When smart key cannot operate properly, it may be affected by the followings:

- The distance between vehicle and smart key is over 20 m.
- When approaching a TV tower, radio station, electric power plant, airport, railway station or other facilities that generate strong radio waves.
- When approaching a portable radio or other wireless communication devices with similar frequency to remote controller.
- When smart key is in contact with, or is covered by a metallic object.
- When smart key is placed near an electrical appliance (such as mobile phone or personal computer).
- When there are more than one smart keys being used nearby.

⚠ CAUTION

- This product is a low frequency radio device and can be interfered by various radio services or radiation from industrial, scientific and medical equipment.
- Do not change the transmitting frequency, increase the transmitter power (- including installation of the wireless RF power amplifier), or install an external or other transmitting antenna without permission.
- When using this product. it is forbidden to cause adverse interference to various legal wireless communications. In case of interference, immediately stop using and take measures to eliminate the interference before continuing to use it.

4. INTERIOR FUNCTION

Mechanical key

When key battery is low or smart key does not operate properly, unlock/lock doors with mechanical key.

Replacing Smart Key Battery

If the following occurs, the key battery power may be low or depleted:

- The remote control distance gradually decreases.
- Remote control function does not work even there is no interference.
- When pressing any button on smart key, indicator on the smart key is dim or does not come on.

Smart key battery model: 3V-CR2032 lithium battery.

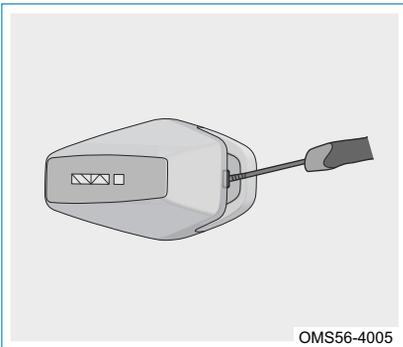
CAUTION

- Only use the battery model recommended by the vehicle manufacturer.
- There are some difficulties when replacing battery, so it may be damaged if replacing the battery by yourself. It is recommended to replace it at authorized service station.

WARNING

Take special care to prevent children from swallowing the removed battery or other components.

■ Replacing key battery according to steps below



1. Separate smart key cover using a flathead screwdriver with the tip taped.



2. Remove battery from circuit board and install a new one with positive (+) facing up.
3. Install smart key in place in the reverse order of removal.
4. After replacing the battery, check if the smart key operates properly.

READ

If smart key still cannot work properly, please contact authorized service station for inspection and repair as soon as possible.

ENVIRONMENTAL PROTECTION

Used lithium battery cannot be handled as general household rubbish, please handle used battery according to the local regulations and provisions regarding environmental protection.

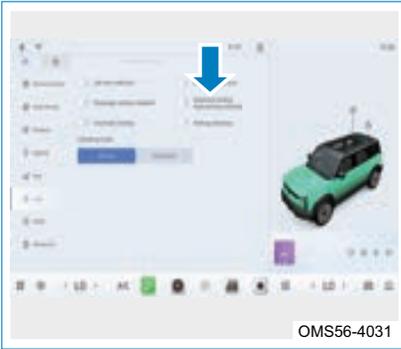
CAUTION

- Do not bend electrode and terminal when installing battery.
- Make sure that positive and negative terminals of battery are placed correctly.
- Make sure your hands are dry and keep away from water when replacing the battery.
- Do not touch new battery with oily hand. Failure to do so may cause battery corrosion.
- Do not touch or move any components inside the smart key, or its functions may not work properly.

4. INTERIOR FUNCTION

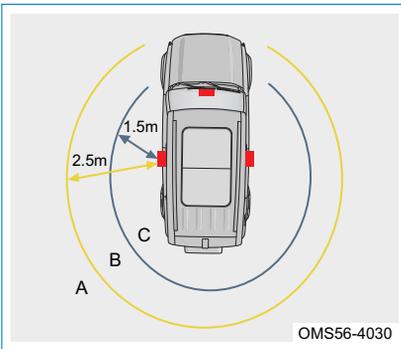
Keyless Entry

■ Departure locking and approaching unlocking function (if equipped)



Departure locking/approaching unlocking can be set in audio system.

When leaving/approaching vehicle while carrying smart key, the system automatically recognizes the validity of smart key and the doors lock/unlock automatically.



Departure locking conditions

- Departure locking/approaching unlocking function can be set to ON state in audio system.
- Vehicle is powered off.
- Four-door, front compartment cover, luggage compartment are closed.
- There is no other smart key in vehicle.
- Smart key leaves the vehicle and is sensed in area B for no more than 3 minutes.

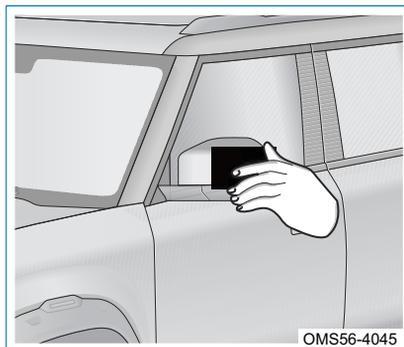
Approaching unlocking conditions

- Departure locking/approaching unlocking function can be set to ON state in audio system.
- Vehicle is powered off.
- Vehicle is in locked status.
- Vehicle senses the smart key enters area C from area B, and stays no more than 3 minutes in area B.

 CAUTION

- Do not put smart key together with electronic equipment (computer, cordless mouse, etc.), doing so may cause failure in sensing unlock/lock.
- Smart key sensing function will be turned off after the vehicle is locked for 3 days (always being locked). Restarting the vehicle will restore the sensing function.
- If you leave the vehicle when carrying key, the turn signal lights do not flash and the horn sound is not heard (successful arming prompt after locking), inspect if the vehicle is locked to avoid locking failure due to misoperation or unsatisfied condition.
- Smart key departure locking function can be operated only when all doors, back door and front compartment cover are completely closed and smart key is not stored in vehicle.
- After approaching to unlock, the secondary arming is triggered. Approaching unlocking is not available, it needs to leave area B and approach again to perform approaching unlocking.
- Under unlock status, if the smart key does not leave area B outside the vehicle for more than 3 minutes, departure locking function will be disabled and it will be triggered again only when the door is opened.

NFC card key unlocking/locking (if equipped)



Unlock or lock the vehicle: Place the card key in the NFC sensing area of the driver side outside rear view mirror for 1-2 seconds to unlock/lock the vehicle.

Start vehicle: the vehicle can be started directly within 5 minutes after unlocking the vehicle by swiping the card; After swiping the card to unlock the vehicle for more than 5 minutes, it is necessary to place the card key in the wireless charging sensing area to recognize the authenticate again before starting vehicle.

4. INTERIOR FUNCTION

CAUTION

NFC card is an electronic product and the following precautions should be observed to prevent the NFC card from malfunctioning or being damaged:

- Do not place NFC card in the charging area when the wireless charger is turned on.
- Do not attach any objects (such as metal seals, metal mobile phone back cases, etc.) that can cut off electromagnetic waves when using NFC card.
- Do not put the card key near fire or expose it to direct sunlight in the vehicle, as the card will be deformed due to heat.
- Do not bend NFC card with excessive force.
- Do not place the NFC card with other hard objects together.
- The vehicle will not be locked automatically after leaving vehicle when carrying card key, it needs to repeat the steps for unlocking to lock it.

4-2. Immobilizer System

Immobilizer System

This vehicle is equipped with a drive motor anti-theft system and vehicle anti-theft system. The two anti-theft systems do not need to be manually activated or deactivated.

The anti-theft system is activated automatically when the vehicle is in arming state, and the anti-theft system is unlocked automatically when the vehicle is unlocked normally.

READ

Unlocking or locking the vehicle with mechanical key cannot activate or deactivate vehicle anti-theft system.

CAUTION

Do not leave smart key or device that will disable the anti-theft system in the vehicle.

Drive motor anti-theft

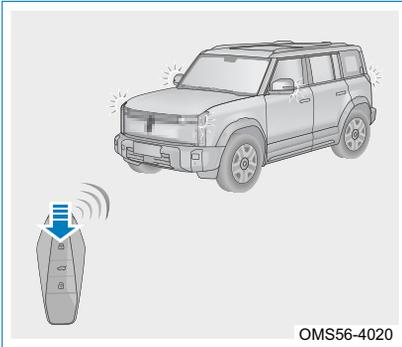
The vehicle is in arming state and cannot start the drive motor.

Vehicle anti-theft

When vehicle is in arming state and illegal entry is detected, the system will send sound-light alarm, alerting owner that the vehicle is in an illegal entry state. For details, refer to "Vehicle Arming" in this section.

⚠ CAUTION

To prevent unexpected triggering of vehicle anti-theft system and vehicle theft, before leaving the vehicle, check that nobody is in vehicle, all doors and windows are closed properly and vehicle is armed successfully.

Vehicle Arming**■ Arming operation**

- **Successful arming:**

The vehicle is stationary, front compartment cover, four doors and back door are closed.

If pressing lock button on smart key or leaving the vehicle when carrying smart key with the departure locking function ON, doors are locked, vehicle anti-theft system is enabled, and vehicle enters arming state. The door handle is in a hidden state after retracted.

- **Successful arming prompt:**

Turn signal lights flash once and anti-theft horn sounds.

- **Unsuccessful arming:**

If front compartment cover, four doors or back door are not closed, vehicle cannot enter arming state.

- **Arming failure prompt:**

Turn signal lights flash twice.

📖 READ

Vehicle arming prompt: Light, horn, or light and horn; Vehicle arming prompt needs to be set in audio system. For details, refer to "Audio System".

⚠ CAUTION

- If four doors are closed, front compartment cover or back door is not closed, only all the doors are locked and vehicle arming is not set successfully.
- If back door and front compartment cover are closed and any door is not closed, the vehicle cannot be locked and vehicle arming is not set successfully.

4. INTERIOR FUNCTION

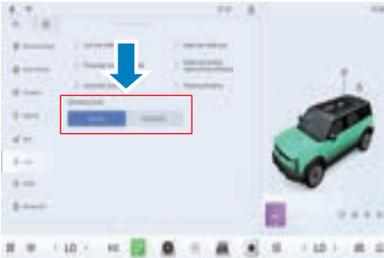
■ Disarming operation



- **Successful disarming:**
When pressing unlock button on smart key or approaching vehicle while carrying smart key with the approaching unlocking function ON, the system automatically recognizes the validity of smart key and doors are unlocked automatically. The hidden door handle unfolds outward.

- **Successful disarming prompt:**
Turn signal lights flash twice.

■ Unlock mode



- **Unlock mode (All doors/Only driver door)** can be set on the audio system screen.
- In only driver unlock mode, press the key unlock button twice in a row to unlock all doors.

■ Secondary arming mode

After disarming, if front compartment cover, four doors and back door are not operated, the vehicle will be locked automatically and the hidden door handle is retracted to enter secondary arming state after about 30 seconds.

During secondary arming, it does not perform auto window up function.

■ Alarm mode

When the vehicle is in arming state and illegal entry is detected (for example: Any door or back door is opened illegally, alarm will be activated), the vehicle will enter alarm state.



- **Alarm mode:**
When illegal entry is detected, the vehicle enters cyclic alarm mode, anti-theft horn intermittently sounds and turn signal lights flash.
- **Deactivating alarm:**
When the vehicle is in alarm mode, press unlock button on smart key to deactivate alarm.

READ

- After disarming, if any of the front compartment cover, four doors and back door is opened, the vehicle will exit secondary arming mode.
- When vehicle anti-theft system is in alarm state, if unlock button on smart key is pressed or vehicle is started successfully, the vehicle anti-theft system can be deactivated.
- The hidden door handle will automatically be retracted after unfolding: 30 seconds after unfolding or when the vehicle speed is no less than 5km/h.

4-3. Door Lock

Door Lock Switch

Door locking

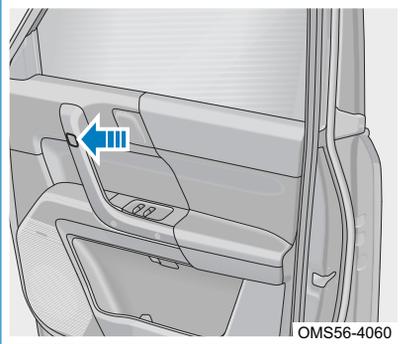


When vehicle speed is no less than 15 km/h, the doors will be locked automatically.

When the vehicle is stopped, click  on audio system screen to lock/unlock.

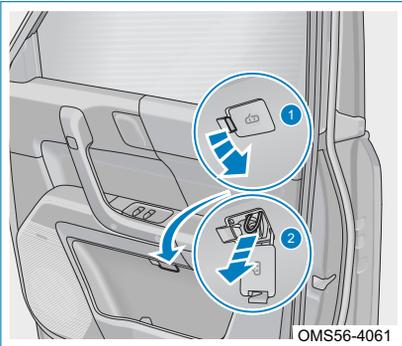
4. INTERIOR FUNCTION

Electronic inner door opening button



When doors are unlocked, press the electronic inner door opening button once to open the door.

When doors are locked, press the inner door opening switch twice in a row to unlock and open the door simultaneously.



Four doors can be opened in an emergency by using the emergency inner door opening pull ring when the electronic inner door opening button fails to open the door.

Step ① : Open the emergency inner door opening pull ring cover;

Step ② : Pull the emergency inner door opening pull ring with hand, release it, and then push the door outward to open it.

Rear door child lock



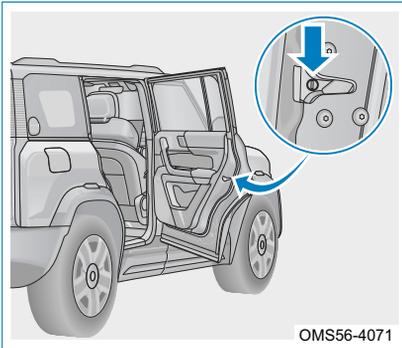
Click "Vehicle" in the audio system and select "Vehicle Lock" option.

Left rear child lock: ON/OFF.

Right rear child lock: ON/OFF.

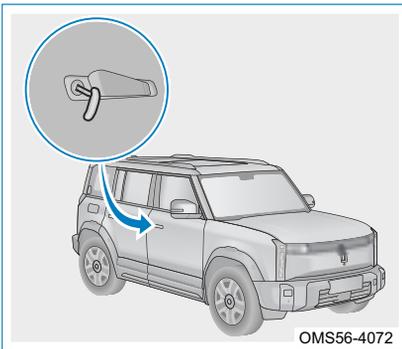
⚠ WARNING

- Make sure that all doors are closed before driving.
- When a child is seated on rear seat, always activate the child lock to prevent rear door being opened accidentally while driving.
- In case of a collision, if there is someone in vehicle and child lock is locked, the emergency inner door opening cable can be used to open the door, or rear door can be opened from the outside.
- In hot weather, if vehicle stalls and all doors and windows are closed, do not allow any animal or child in vehicle alone. Otherwise, even if it is a short time, it may cause serious injury or even death due to sharp temperature rise.

Mechanical Switch**Manually lock front passenger, rear left and rear right doors**

Vehicle cannot be locked when battery is depleted or under similar conditions, in this case, the doors can be locked with mechanical locking function.

Open the door, use the mechanical key or flat screwdriver to turn clockwise, and then close the door. At this time, the door cannot be opened from the outside, and the door has been locked successfully.

Locking and unlocking driver door with mechanical key

Step 1: When pressing the front section of driver hidden door handle, the rear section will lift up and the mechanical key port can be seen inside;

Step 2: Insert the mechanical key into the front left door key hole, turn clockwise to unlock the door, remove the mechanical key, and release the door handle to return the door handle once, then pull the door handle again to open the door. If the mechanical key is required to lock the vehicle, turn it counterclockwise to lock the door.

4. INTERIOR FUNCTION

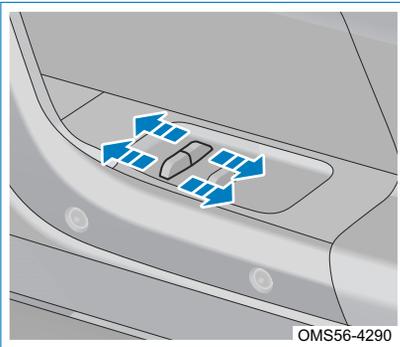
CAUTION

- If above problem occurs, please go to authorized service station for inspection and repair as soon as possible.
- When the vehicle is locked in emergency due to power off, please check if the doors are locked successfully one by one after vehicle is locked. If not, please contact the authorized service station for inspection and repair as soon as possible.

4-4. Windows

Power Windows

When the vehicle is powered on, operate each window switch to open or close the corresponding window.



Driver door power window switches are as follows:

- When shortly pressing the switch forward, the window will go down to bottom automatically. When pressing and holding the switch forward, the window will go down manually until the switch is released, and the window will stop going down.
- When shortly pressing the switch backward, the window will go up to top automatically. When pressing and holding the switch backward, the window will go up manually until the switch is released, and the window will stop going up.

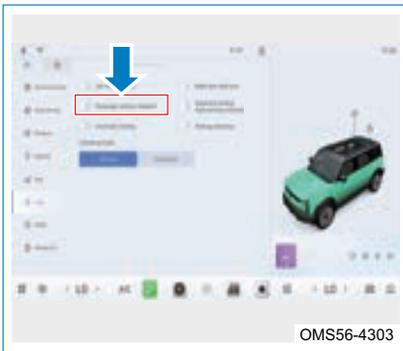
READ

- Only vehicles with jam protection function have one-touch window up function.
- During window auto up or auto down, window auto up or auto down operation will stop when pressing power window switch (regardless of up or down).
- When driving over roads with potholes or uneven surfaces, gravity may affect door system unexpectedly. In this case, the window may reverse and go down while rising by one-touch window up function. This is a small probability event, which is normal.

⚠ CAUTION

- After leaving vehicle in low temperature environment for a long time, when operating window switch, glass may not be fully open or close at one time. In this case, release the switch and then operate again, repeat 3-5 cycles to return normal.
- Take extra care when closing windows, failure to do so may be caught and injured; For models with window jam protection function, jam protection function can be activated in jam protection area to protect passenger. However, for the thin or soft objects, jam protection function may be not activated, resulting in serious injury.

■ Passenger window disabled



Click "Vehicle" in the audio system and select "Vehicle Lock" option.

Passenger window disabled: ON/OFF.



Slide down in the audio system to enter "Control Center".

Passenger window disabled: ON/OFF.

📖 READ

Passenger window OFF switch is used to disable all passenger side power window switch function. Passenger side windows can only be operated by driver side power window switch after disabling. It is recommended to use this function when there is a child in vehicle.

4. INTERIOR FUNCTION

WARNING

- To avoid personal injury, it is driver's responsibility to guide all passengers to operate power window and especially to prevent children from using it incorrectly.

Remote Control Window Function

■ Remote control window down function

With all doors closed, when pressing unlock button on smart key at least 1.5 seconds, four window glass will go down automatically. If the button is pressed in this process, window glass will stop going down.

■ Auto window up when vehicle is locked

After all doors and front compartment cover are closed, if lock button on smart key is pressed or smart key sensing lock function is activated, four door windows will go up automatically until it is closed.

READ

User can remotely control the window lifting through the mobile phone APP or by voice.

CAUTION

- In process of window remote control down, press and hold unlock button on smart key. If remote signal interrupts due to jitter (including hand jitter and electromagnetic interference), the process will stop.
- If abnormal closing occurs during remote control one-touch window up, horn continuously sounds 3 times to alarm user that window may not be closed normally.

Window Jam Protection Function

■ Jam protection function

When jam protection function operates normally, during auto window up or remote control one-touch window up, if obstacle resistance is encountered in jam protection area and resistance exceeds a certain value, window will stop rising and goes down slightly. To close window, move away obstacle and operate the switch again.

■ Manual learning function

If auto window up function and jam protection function do not operate normally, perform the following steps to restore function. Make sure that there are no obstacles within window range during learning.

1. The vehicle power is on;

2. Operate window switch manually to fully close the window and hold the switch for 2 seconds, then release the switch;
3. Operate window switch manually to fully open the window and hold the switch for 2 seconds, then release the switch;
4. Try to operate auto window up function;
5. If window cannot close automatically, please repeat the above steps to set.

CAUTION

- Always keep window closing area free of obstacles when closing window, even though it is equipped with jam protection function. Otherwise, if there is a thin object and system cannot sense it, jam protection will not work. If someone's hand or finger is caught, extremely serious injury may be caused.
- Jam protection function is a kind of window safety protection function. Never try to activate it by repeatedly using various objects, improper methods or even with some part of body. Failure to do so may damage window regulation system mechanism or cause accidental personal injury.
- If battery cable is disconnected and reconnected, automatic window up function and jam protection function will not work.

■ Overheat protection function

To protect motor, if window up-down operation is performed continuously, overheat protection function actively disables the control of corresponding window switch. After motor temperature returns to normal, it recovers. This function will not affect the normal up-down functions of other windows.

■ Canceling jam protection function

To protect the window regulation system, the window jam protection function and auto window up function will be canceled in some conditions to avoid potential safety hazard. At this time, window can be closed and opened as usual. After jam protection learning, window regulation function of corresponding door will return to normal.

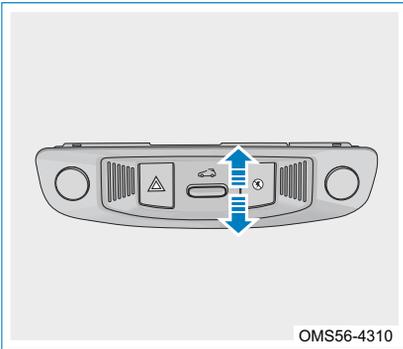
- If obstacle is encountered twice continuously during window up, power window will stop going up, jam protection function will be canceled.
- If power is cut off regardless of working or non-working status of power window, the jam protection function will be canceled.

4-5. Panoramic Moon Roof (If Equipped)

Panoramic Moon Roof

There are many ways to open/close moon roof, such as by moon roof switch, audio system, voice, remote control.

4. INTERIOR FUNCTION



■ Sunshade, moon roof: Opening/closing.

1. When the sunshade and moon roof are fully closed: If operating the switch backwards, the sunshade is automatically opened halfway. When operating backwards again, the sunshade will be automatically opened fully. If continuing to operate backwards, the rear part of moon roof will tilt up automatically. If continuing to operate backwards, the moon roof will be automatically opened halfway. If continuing to operate backwards, the moon roof will be automatically opened fully.

- When the sunshade and moon roof are fully opened: If operating the switch forwards, the moon roof is automatically closed forward until the rear part is tilted up. When operating forward again, the moon roof will be automatically closed fully. If continuing to operate, the sunshade will be automatically closed halfway. If continuing to operate, the sunshade will be automatically closed fully.
- Operate the switch backward and hold it to manually open the sunshade/moon roof until the switch is released, and the sunshade/moon roof stops opening.
- Operate the switch forward and hold it to manually close the sunshade/moon roof until the switch is released, and the sunshade/moon roof stops closing.

■ Moon roof remote control function

- With all doors closed, if pressing and holding unlock button on smart key, panoramic moon roof will be opened automatically.
- With all doors closed, press lock button on smart key or activate smart key sensing lock function when moon roof is not closed to close the panoramic moon roof automatically.

⚠ CAUTION

- When moon roof is frozen or covered with snow, forcibly opening moon roof will damage the moon roof glass and the motor.
- If there is water on moon roof after raining, always wipe off any water or tilt moon roof up to drain the water away before opening it, to prevent water from flowing into cab.
- Regularly clean the dust and debris in moon roof rails and strips with water. After vehicle washing or raining, completely wipe the water on the moon roof glass before using.
- If vehicle is parked under a tree or in a harsh environment, the moon roof drain hole may be blocked by leaves and dust. Check and clean it regularly.

⚠ WARNING

Before closing moon roof, please take extra care. The vehicle should be seen clearly and make sure that passengers cannot be caught by it.

■ Jam protection function

- When the moon roof is closed from tilted up state, the moon roof will automatically return to the position near the tilted up opening if an obstacle is encountered.
- When the moon roof is closed from opening state, the moon roof will automatically return to the position near the stretch opening if an obstacle is encountered.
- During the process of moving sunshade from half open position to full open position, the sunshade will automatically return if an obstacle is encountered.

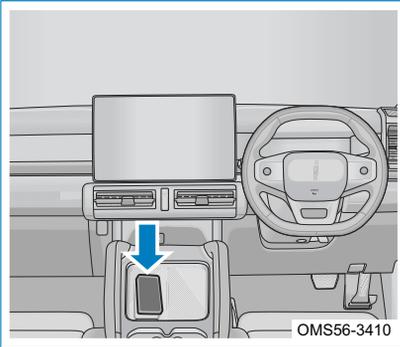
⚠ WARNING

Do not pass body parts or objects through the moon roof during opening and closing, even if the moon roof is equipped with jam protection function.

4-6. Wireless Charging**Wireless Charging**

Wireless charging uses electromagnetic induction technology conveniently and safely to allow for a better experience while driving.

4. INTERIOR FUNCTION



- When the vehicle is powered on, the wireless charging starts to work after putting the mobile phone in wireless charging sensing area; The status bar of screen displays the wireless charging icon prompt.
- Wireless charging only supports charging for one device at a time.

Wireless charging may not work properly in the following conditions:

- Wireless charging operation frequency is close to that of keyless entry, which is easy to interfere with each other; In some conditions, such as opening/closing doors, powering on the vehicle or depressing brake pedal, the vehicle will recognize whether the key is left in vehicle, and the keyless entry starts to work. At this time, it's necessary to disable charging function for 5 ~ 10 seconds; After waiting for 5 ~ 10 seconds, the wireless charging function resumes.
- The mobile phone cannot be charged if the back of phone is more than 6 mm away from wireless charging sensing area.
- The mobile phone cannot be charged if the back of the phone has thick metal (such as 1 Yuan coin, metal mobile phone shell).

READ

- Wireless charging function needs to be set in audio system.
- Wireless charging function only supports mobile phones with wireless charging function.
- Please put the mobile phone in the center of mobile phone slot. If you accelerate, decelerate or turn sharply during driving, the mobile phone will shake, which may affect the charging efficiency and stability.

CAUTION

- The phone will trigger thermal protection mechanism when ambient temperature is high, it is recommended to charge the phone after cooling it for a while.
- If your mobile phone doesn't support the wireless charging function, it is recommended that do not use the wireless charging patch. The quality of wireless charging patch in the market vary greatly, and frequent use is easy to cause damage (function failure, interface poor contact, metal foreign object recognition failure, etc.).

■ Phone forgetting reminder function

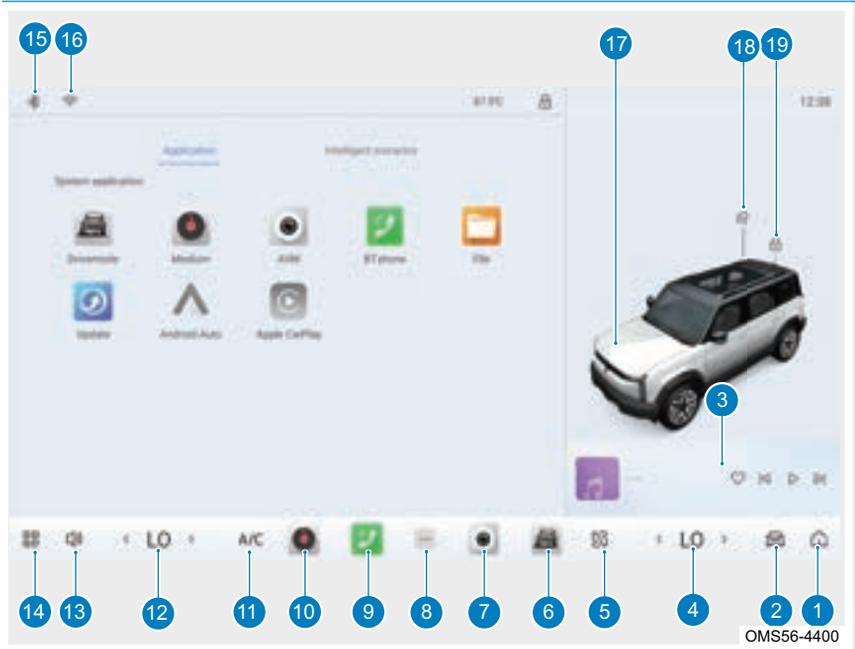
If shifting the gear to P and opening driver door with the mobile phone in wireless charging sensing area, it will sound an alarm until the alarm stops.

READ

Phone forgetting reminder function only supports mobile phones with wireless charging function.

4-7. Audio System

Audio System Screen View



- | | |
|---|--|
| <p>1 Home page button
Click to return to main screen.</p> <p>3 Multimedia card
Click to enter music playing screen.</p> | <p>2 Vehicle settings
Click to enter vehicle setting screen.</p> <p>4 Right air conditioning temperature setting
Click the temperature adjustment button to call up the quick control pop-up window.</p> |
|---|--|

4. INTERIOR FUNCTION

- 5 Shortcut for airflow volume
Click to turn on/off the blowing.
- 7 Panoramic view monitor
Click to enter panoramic view monitor system.
- 9 Bluetooth phone
Click to enter Bluetooth phone.
- 11 A/C switch
Click to turn on/off the air conditioning compressor.
- 13 Media volume button
Click to enter volume setting.
- 15 Bluetooth
Click to enter the Bluetooth connection setting screen.
- 17 Vehicle information
- 19 Central lock
Click to unlock/lock.
- 6 iWD application
Click to enter iWD application App.
- 8 Superdock button
Click to call up superdock; Applications and functions in superdock can be moved to the dock bar.
- 10 Multimedia center
Click the multimedia center application.
- 12 Left air conditioning temperature setting
Click the temperature number to enter the air conditioning interface, and click the left and right arrows to call up the quick control pop-up window.
- 14 App center
Click to enter APP selection screen.
- 16 Wireless network
Click to enter the wireless network connection setting screen.
- 18 Charging port cover switch
Click to open/close charging port cover.

READ

5 The application displayed in 11 is not fixed and can be replaced by clicking  according to user habits.
For details about audio system, please refer to electronic "User Manual" attached with audio head unit.

Vehicle Settings

Shortcut control



- Wiper: OFF/1st gear/2nd gear/3rd gear/4th gear/AUTO/Rear wiper/Rear window washer.
- Wiper sensitivity: 1st gear/2nd gear/3rd gear/4th gear.
- Car windows: Fully closed/Breathable/Fully open.
- Sunshade: Fully closed/Half open/Fully open.
- Sunroof: Select opening from fully closed to fully open.
- Commonly used: Outside rear view mirror/Reading light/Wireless charging/Glove box.

Smart Driving



- Forward safety assistance: ON/OFF.
- Emergency lane keeping: ON/OFF.
- Lane departure warning: ON/OFF.
- Lane departure assistance: ON/OFF.
- Drive away info: ON/OFF.

Charging and discharging



- External discharge: ON/OFF.
- Charging cover: Opening/closing.

 READ

Set the target charging power on this interface, and automatically stop charging when the target power is reached. The setting range of target charging power is 50% - 100%.

4. INTERIOR FUNCTION

Lighting

■ Headlight



- Lighting: OFF/Position light/Low beam/AUTO. Rear fog light: ON/OFF.
- Low beam angle: Near/Nearer/Far/Farther.
- Follow me home: 30s/60s/OFF.
- Disarm sound effect: ON/OFF.
- Automatic High Beam: ON/OFF.
- Reading lights associated with car doors: ON/OFF.
- Lighting language of Say hi: ON/OFF.

■ Atmosphere light



Atmosphere light: OFF/To open/Associated Profile Lights.

Mode:

- Custom/Associated driving mode/Music rhythm.
- Front row/Rear row/Synchronization.
- Brightness: Light brightness adjustment.
- Light color adjustment.
- Breathing effect: ON/OFF.

Seat adjustment

■ Seat



- Seat: Adjust up and down, forward and backward.
- Convenient entry and exit: ON/OFF.
- One click lowering: ON/OFF.

■ Backrest



- Seatback: Adjust the angle of seatback.
- Convenient entry and exit: ON/OFF.
- One click lowering: ON/OFF.

■ Lumbar support



- Lumbar support: Adjust the position of lumbar support. Adjust up and down, forward and backward.
- Convenient entry and exit: ON/OFF.
- One click lowering: ON/OFF.

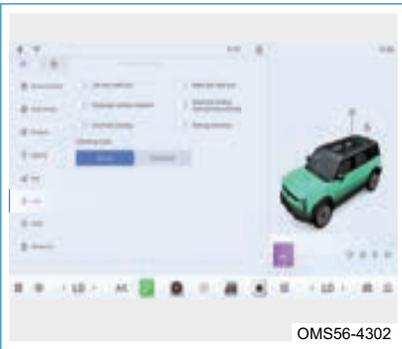
■ Leg support

4. INTERIOR FUNCTION



- Leg support: Adjust the position of leg rest.
- Convenient entry and exit: ON/OFF.
- One click lowering: ON/OFF.

Vehicle lock setting



- Left rear child lock: ON/OFF.
- Right rear child lock: ON/OFF.
- Passenger window disabled: ON/OFF.
- Departure locking/approaching unlocking: ON/OFF.
- Automatic locking: ON/OFF.
- Parking unlocking: ON/OFF.
- Unlocking mode: All doors/Driver's door.

Safety settings



- Fatigue driving reminder: ON/OFF.
- Speeding alarm: ON/OFF.
- Video Restrictions during Driving: ON/OFF.

Vehicle information



OMS56-4424

Basic information:

- Frame number.
- Color.

Control center



OMS56-4434

Slide down the screen at the top of head unit screen to enter the control center, which includes the function switches as follows:

- Adjustment options: Central control screen brightness; Instrument screen brightness; Wiper control; External light control.
- Quick function switch options: Auto hold; Glove box; Charging cover; Braking stop; Wireless charging; Screen off; Passenger window disabled; Rear defogging; All Windows closed; Fold rear view mirror; Front wiper maintenance; ESC OFF; Rear view mirror adjustment; L rear child lock; R rear child lock; Reading lamp.

4. INTERIOR FUNCTION

Vehicle mode



According to the needs of the vehicle scenarios, the vehicle has nap mode, pet mode and towing mode. Click the App center on the screen of audio system, and select the intelligent scenarios to choose nap mode, pet mode or towing mode.

• Nap mode

- To enter nap mode, the following conditions need to be met: The vehicle is powered on and in P gear, four doors, front compartment cover and back door are closed, and the charge of power battery is greater than 20%;
- After entering nap mode: Central control is locked; Seat retracts and lays flat, leg rest raises; Windows are closed; Moon roof is closed; Sunshade is closed; Exterior lights are turned off; Instrument cluster screen off; Ambient light is turned off; Reading light is turned off; Brightness of central control screen is reduced; Air conditioning status remains unchanged. If the air conditioning is turned on, the air purification is turned on.

READ

When the nap mode function is activated, it can be pulled up to the air conditioning interface and pulled down to the control center. When changing the "automatic execution" task status in the control center, the nap mode will not exit. If the nap mode function is activated, it is unable to switch to other interfaces.

• Pet mode

- To enter pet mode, the following conditions need to be met: The vehicle is powered on and in P gear, and the charge of power battery is greater than 20%;
- After entering pet mode: When the vehicle is armed, it remains powered on but exits READY state; If the automatic air conditioning is turned on, the windows/moon roof will be closed automatically; The window/moon roof adjustment up-down function is disabled (soft switch and hard switch are invalid), and the voice function is disabled; The screen of audio system displays a specific pet mode interface, and it can be customized to display mobile phone numbers.

- Towing mode
 - To enter towing mode, the following conditions need to be met: The vehicle is in stationary and in P gear, and the fast and slow charging guns are not inserted.
 - After entering towing mode: The gear automatically switches to N and the parking brake is released.

 **WARNING**

The towing mode is a special scenarios mode. Please exit this mode promptly after the towing status is completed.

Driving Recorder (If Equipped)

1. TF card slot operation: Open the armrest box, check the TF card slot located on the left side, gently insert the TF card into the slot, and make sure it is inserted in place and aligned with the slot.
2. Formatting: After the TF card is inserted for the first time, it needs to be formatted in the DVR software for normal use.

 **READ**

Do not remove the TF card after power-on. If it is removed, please re-insert it, operate the steering wheel (press the left middle button + right middle button for 10s), and return to normal use after the screen is restarted; avoid removing the TF card during recording, suddenly removing the TF card may lead to errors in the DVR system and failure of normal operation or start, and reinitialization or repair is required.

At present, the performance of mainstream TF cards in the market will decline after use for a long time, which may lead to the lag, frame loss or data loss in the recorded videos. Check whether the TF card is in a normal state regularly. If the performance of the TF card declines obviously, and the above conditions occur frequently, it indicates that the TF card is aged, and it is recommended to replace it with a new TF card in time.

After the TF card is used for a long time, it may have the risk of failure or data loss. It is recommended to back up the important data in the TF card regularly to prevent contingencies.

We will respect and protect users personal privacy and will not collect or store your video/picture data without authorization, Your data are completely controlled and managed by yourself.

Other people's license plate information or personal facial features are personal information and are protected by relevant laws and regulations. When using the DVR, please respect the privacy of other people and do not illegally obtain, use or disseminate it.

4. INTERIOR FUNCTION



The memory capacity of TF card will be full after recording for a period of time due to the limit capacity of TF card. When the memory card is full, the earliest recorded video in folder will be covered by the newest video. The duration of each video can be set. Content in TF card can also be deleted quickly by formatting.

Setting for video file duration: 1 minute/3 minutes/5 minutes.

Format the TF card.

Voice Recognition Function

Voice recognition function can control navigation, radio, phone, inquiry, vehicle control (windows and moon roof opening, driving mode switching, wiper, power back door, power charging port cover, seat heating/ventilation, air conditioning, etc.) through voice.

Say "Hello Vehicle Brand" to wake up voice recognition function when audio head unit is turned on.

4-8. Phone-link

Phone-link(If Equipped)

CarPlay

■ Wired connection

1. Connect phone and USB port on the vehicle with original data cable;
2. Click to CarPlay button to enter the main screen of CarPlay.

■ Wireless connection

1. Turn on Bluetooth in iPhone and CarPlay switch, and then turn on Bluetooth in multimedia display;
2. Match and connect Bluetooth in phone and Bluetooth in multimedia display. When a prompt box pops up on phone for the first connection, please select to use Carplay;
3. After Bluetooth pairing is successful, a prompt indicating whether to use Apple Carplay function pops up on the multimedia display. Click OK.

READ

After the wireless connection is successful, Carplay icon is in the highlighted state, and Bluetooth icon will display in gray disconnected state, which is a normal phenomenon.

Android auto

■ Wired connection

1. The phone needs to install Android Auto from the Google Store in advance;
2. Connect phone and USB port on the vehicle with original data cable;
3. When a prompt box pops up on multimedia display for the first connection, please select to use Android Auto;
4. Enter the Android Auto screen after the connection is successful.

■ Wireless connection

1. The phone needs to install Android Auto from the Google Store in advance;
2. Turn on Bluetooth in phone and Bluetooth in multimedia display;
3. Match and connect Bluetooth in phone and Bluetooth in multimedia display. When a prompt box pops up on multimedia display for the first connection, please select to use Android Auto;
4. After Bluetooth pairing is successful, Android Auto will automatically connect, and enter Android Auto screen.

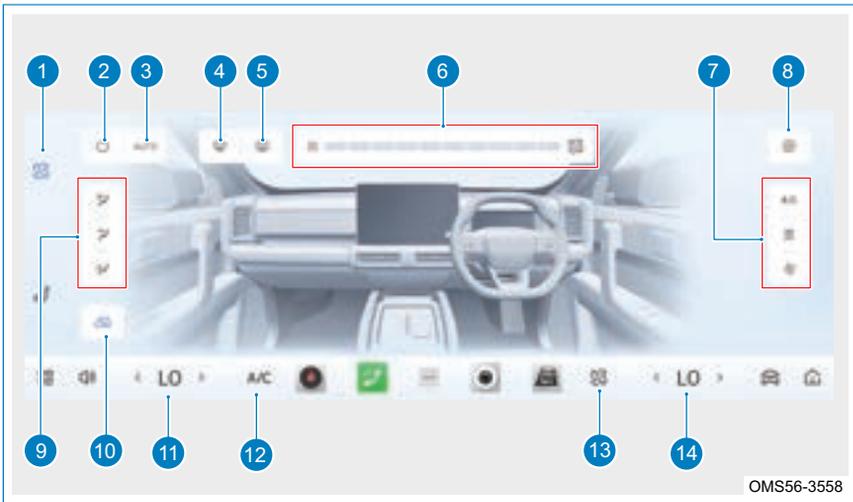
 **READ**

When the mobile phone is connected to Android auto, if the mobile phone does not support the multimedia display to obtain call status, the multimedia display does not pop up an incoming call notification when answering an incoming call. If the mobile phone supports the multimedia display to obtain call status, the multimedia display pops up an incoming call notification when answering an incoming call.

4. INTERIOR FUNCTION

4-9. Automatic Air Conditioning System

Automatic Air Conditioning System



- | | | | |
|----|---|----|--|
| 1 | Air conditioning option | 2 | A/C switch button |
| 3 | Automatic button | 4 | Front windshield defogging and defrosting button |
| 5 | Rear windshield defrosting button (If equipped) or External rearview mirror heating (If equipped) | 6 | Airflow volume adjustment area |
| 7 | Cooling/heating/ventilation mode selection button | 8 | A/C setting button |
| 9 | Blowing mode button | 10 | Outside/recirculated air switch button |
| 11 | Front passenger area temperature setting adjustment | 12 | A/C switch |
| 13 | Air conditioning blowing switch | 14 | Driver area temperature setting adjustment |

 READ

- Air conditioning/seat selection screen can be displayed by sliding up the screen from bottom of head unit screen. Click the air conditioning to enter the air conditioning system operation screen.
- The air conditioning has a memory function, and when the vehicle is powered on, it will automatically control the air conditioning to turn on based on the previous air conditioning status.

Control Button**Air conditioning option**

Select required screen: Air conditioning/seat.

A/C switch button

Press A/C switch button to realize on/off of air conditioning system.

Automatic button

Press the automatic button, and the air conditioning system will automatically perform heating/cooling based on the ambient temperature and set temperature.

Front windshield defogging and defrosting button

After vehicle is started, press front windshield defogging and defrosting button to turn on/off front windshield defogging and defrosting function (adjust airflow to make most of it blow to front windshield and small amount of it blow to side window).

When the airflow volume is not OFF, pressing front windshield defogging and defrosting button will start the outside air mode and A/C compressor forcibly.

 READ

- Before driving, make sure that the inner surface of glass is clean and dry, if there is obvious dust or water drop, it is necessary to wipe off.
- After wiping off all frost or fog, adjust mode and airflow volume to other proper position to improve comfort in vehicle.
- If the A/C fails to cool, the defogging effect will be affected. Please go to authorized service station for inspection and repair as soon as possible.

 CAUTION

- For driving safety, please use the defogging function correctly.
- Please do not use recirculated air mode for a long time in winter, otherwise the front windshield will be fogged quickly.
- Poor visibility will increase the risk of traffic accidents and personal injury. Therefore, it is very important for driving safety to ensure a good visibility during driving.

4. INTERIOR FUNCTION

Rear windshield defrosting button(If equipped) or External rearview mirror heating(If equipped)

After vehicle is started, press rear defrosting button, indicating that rear defrosting/outside rear view mirror heater defrosting function is turned on/off.

CAUTION

- Make sure that the defrosting function of rear windshield/outside rear view mirror is turned off after defogging or defrosting the rear windshield/outside rear view mirror surface.
- Do not scratch or damage the heater wires when cleaning the rear windshield or outside rear view mirror.
- When the battery is low, the rear defroster cannot be turned on to ensure that vehicle starts normally.

WARNING

To prevent burning yourself, do not touch the rear windshield/outside rear view mirror when the heater defrosting function of rear windshield/outside rear view mirror is operating or immediately after being turned off.

Airflow volume adjustment

The airflow volume can be adjusted by operating the airflow volume adjustment area on audio head unit air conditioning interface.

Cooling/heating/ventilation mode selection button

Press the heating button to switch the air conditioning to heating mode.

Press the cooling button to switch the air conditioning to cooling mode.

Press the ventilation button to switch the air conditioning to ventilation mode.

A/C setting



- Seat overheating protection: OFF, N/A, OPEN.
- A/C self-ventilation: ON/OFF.
- Bluetooth active noise reduction: ON/OFF.
- A/C self-cleaning: ON/OFF.

Blowing mode adjustment button

Press the mode adjustment button to switch mode: Face mode, face + foot mode, foot mode, foot + window mode, window mode.

Outside/recirculated air switch button

Press outside/recirculated air mode button to switch outside/recirculated air mode.

Use the recirculated air mode under following conditions:

- In dusty environment.
- To prevent outside exhaust gas from entering vehicle.
- To quickly cool or heat the air in the vehicle.
- To isolate other odors from outside.

Driver/front passenger area temperature setting adjustment

Left and right arrows increase or decrease the airflow volume.

Axial sliding is used to set the target temperature for the driver/front passenger area, decreasing it to the left and increasing it to the right.

Press synchronization button to switch single/dual mode.

READ

- Single mode: Synchronization button comes on, indicating that the air conditioning is in single control mode. Driver side and front passenger side temperature cannot be adjusted separately.
- Dual mode: Synchronization button goes off, indicating that the air conditioning is in dual control mode. Driver side and front passenger side temperature can be adjusted separately.

A/C switch

Turn on/off the air conditioning compressor.

Air Conditioning Heating Operation

When the vehicle is in READY:

1. When heating button is pressed, the air conditioning system will automatically control outlet temperature, outlet mode and airflow volume according to the set temperature by user and current ambient condition to meet the user's requirement of temperature control.
2. Choosing recirculated air mode can speed up heating, which is helpful to improve economy and driving comfort.

4. INTERIOR FUNCTION

READ

When air conditioning control operates automatically, priority is given to defogging and defrosting, so the auto mode is window and foot mode, resulting in excessive noise and insufficient temperature at foot area during actual usage. It's recommended to set to foot mode manually when there is no fogging on front windshield. If there are more people in vehicle and front windshield fogs up, air outlet mode can be switched to foot and window mode manually.

Air Conditioning Cooling Operation

When the vehicle is in READY:

1. When the cooling button is pressed, the air conditioning system will automatically control compressor switch, compressor displacement, outlet temperature, outlet mode and airflow volume according to the set temperature by user and current ambient condition to meet the user's requirement of temperature control.
2. Choosing recirculated air mode can speed up cooling, which is helpful to improve economy and driving comfort.

■ For the best cooling effect, please operate as follows:

1. Please keep the surface of the air conditioning filter clean without any obvious blockage.
2. Press the cooling button, then set driver/front passenger seat temperature to LO. The airflow volume, outside/recirculated air mode, blowing mode, air conditioning compressor will be set to required maximum cooling status automatically.

CAUTION

- To extend service life of air conditioning system, do not use the air conditioning for a long time with low speed when performing air conditioning cooling.
- Please purchase special refrigerant and compressor lubricant at the authorized service station, otherwise, air conditioning system damages sustained by this are not under claims.
- In hot weather, the temperature in closed vehicle will quickly increase due to sunshine, this may cause personal or animal injury or even death, especially for infants and very young children.
- It is forbidden to repair air conditioning system by yourself, as the high pressure refrigerant in air conditioning system is harmful to human. It is necessary to go to the authorized service station for inspection and repair.

 READ

- Also, dirt and blockage in the surface of air conditioning condenser may cause poor cooling effect, so please keep condenser clean.
- After the A/C system cooling operation, some water may drip from the air conditioning drain pipe and form a pool under vehicle, which is normal.
- When air cools down quickly in hot and humid conditions, the fog may be seen from outlet, which is a normal physical phenomenon.
- It is recommended to turn on the air conditioning refrigeration system for 5 minutes or more every month and open the window simultaneously, which will be helpful to prevent air conditioning system damage due to lack of lubricant, and also prevent evaporator odor due to moist and germs.
- Refrigerant filled in air conditioning system will decrease over time, if you feel that the refrigeration effect of air conditioning becomes poor, please go to authorized service station for inspection and repair in time.

Remote A/C Control With Key

ON: when the vehicle is in OFF position, the A/C can be turned on by long pressing the “lock” button on remote control key at a distance of 25m from the vehicle (the distance is only for reference and varies depending on the actual environment). If the vehicle is still in OFF position when it is turned on successfully, the left and right turn signal light remain on for 5 seconds and a sound can be heard 3 times.

 READ

When the A/C is turned on by remote control key, the A/C automatically enter the automatic A/C working status memorized last time.

OFF:

- After the A/C is turned on remotely via the key, when the vehicle is in OFF position, if the A/C operates for more than 15 minutes but the vehicle is not switched to ON position, the A/C will be turned off automatically.
- If the remaining power is below 20% in OFF position, it will be turned off automatically due to low battery.
- When the A/C is turned off, the left and right turn signal light flash once and sound once.

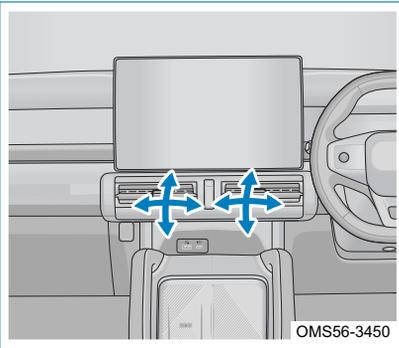
4. INTERIOR FUNCTION

CAUTION

- When the remaining power is below 20% or during emergency power-off, the A/C cannot be turned on remotely via the key.
- When the vehicle has a fault or the battery voltage is less than 12.5V, the function is exited and the A/C is turned off.
- Within 15 minutes after the A/C is turned on remotely via the remote control key, the vehicle is switched to ON position from OFF position, the A/C continues to operate in current status and will not be turned off automatically.

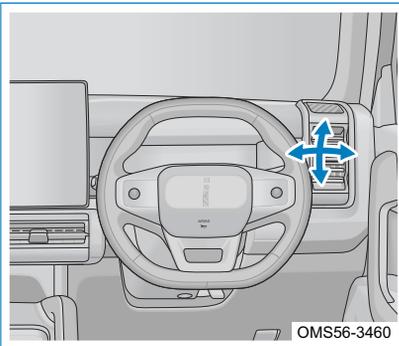
Air Outlets Airflow Control

Center outlets

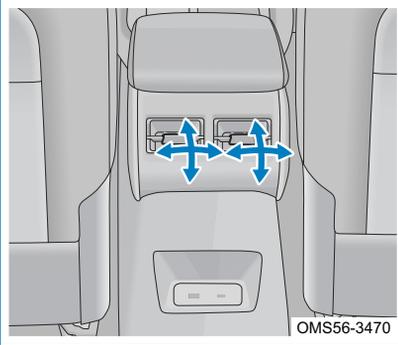


Move center outlet adjustment lever up and down, left and right by hand to adjust direction of airflow.

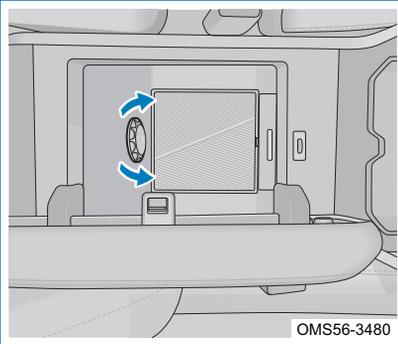
Side outlets



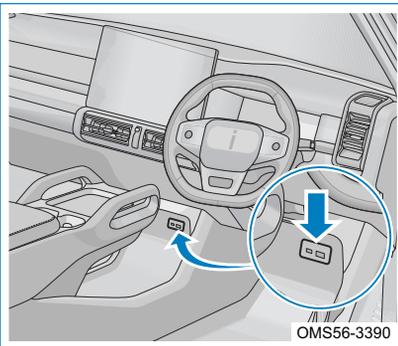
Move left/right side outlet adjustment lever up and down, left and right by hand to adjust direction of airflow.

Rear outlets

Move armrest box outlet adjustment lever up and down, left and right by hand to adjust direction of airflow.

Auxiliary fascia console outlets

Turn it counterclockwise to open outlets, Turn it clockwise to close outlets.

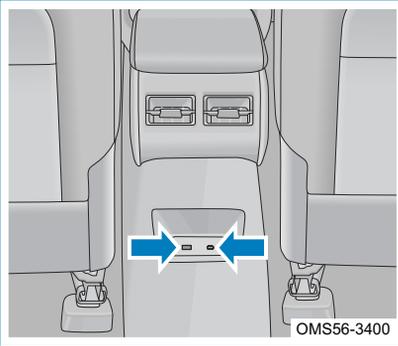
4-10. USB Port**USB Port**

Front USB port is located under armrest box.

USB port "Type-C": It can be used for fast charging the electrical equipment with low power, such as phone etc.

USB port "Type-A": It can be used for reading U disc, phone connection and ordinary charging the electrical equipment with low power, such as phone etc.

4. INTERIOR FUNCTION



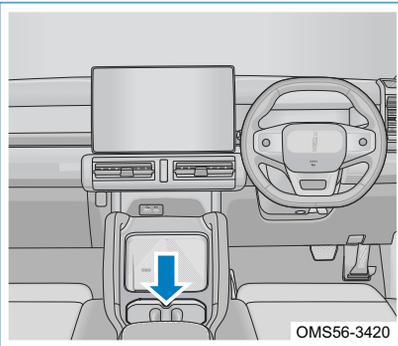
Rear USB port is located under the rear air outlet of center armrest box.

USB port "Type-C": It can be used for fast charging the electrical equipment with low power, such as phone etc.

USB port "Type-A": It can be used for ordinary charging the electrical equipment with low power, such as phone etc.

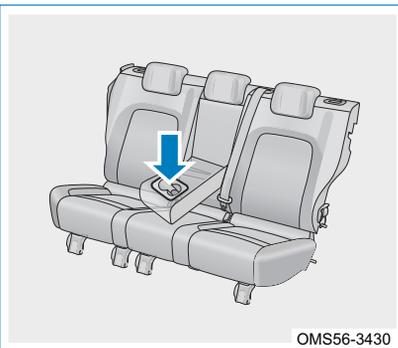
4-11. Cup Holders

Cup Holders



Front cup holder:

Front cup holder is located at auxiliary fascia console.

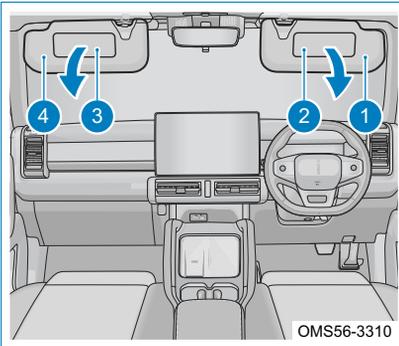


Rear cup holder:

Rear cup holder is located on the rear center seatback.

4-12. Sun Visors and Vanity Mirrors

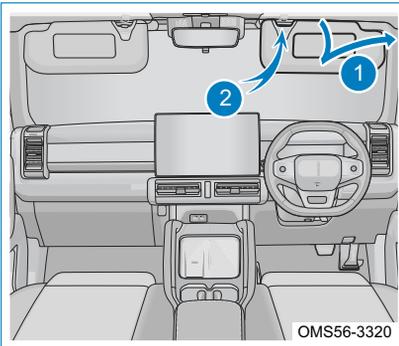
Sun Visors and Vanity Mirrors



- 1 Driver side sun visor.
- 2 Driver side vanity mirror.
- 3 Front passenger side vanity mirror.
- 4 Front passenger side sun visor.

If it is necessary to use vanity mirror, open the vanity mirror sliding plate.

For vehicle equipped with vanity mirror light, the corresponding vanity mirror light will come on when opening the vanity mirror sliding plate.



- 1 Flip the sun visor down.
- 2 Detach the hook and turn it outward to shade the sidelight.

4. INTERIOR FUNCTION

4-13. Storage Space

Door Storage Boxes

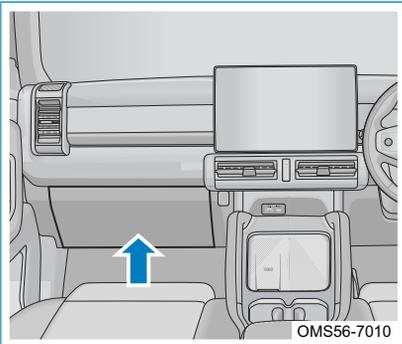


Door storage boxes on front and rear doors can be used for storing maps, cups and other items.

READ

Do not place oversized objects in the pockets.

Glove Box



Pull down the control center electronic glove box button from the audio system to open it. The glove box can be used to store map, instructions and other items.

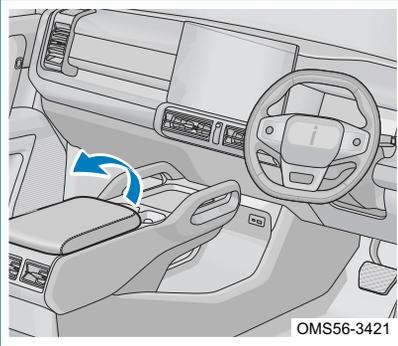
READ

Do not place oversized objects in the glove box.

CAUTION

Keep the glove box closed. In the event of sudden braking or sudden swerving, an accident may occur due to an occupant being struck by an open glove box or the items stored inside.

Auxiliary Fascia Console Storage Box

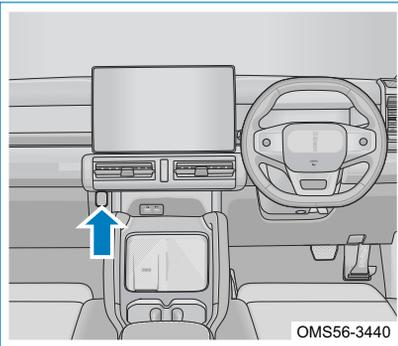


Auxiliary fascia console storage box is used to store map, instructions and other items.

WARNING

- Adults or children are not allowed to sit on the auxiliary fascia console storage box.
- Auxiliary fascia console storage box must be closed when the vehicle is running, and the opening auxiliary fascia console storage box may hinder the driver's arm movement to prevent injury.

Hat-and-coat Hook



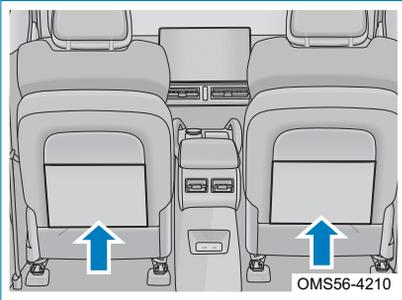
- Hat-and-coat hook is provided under the central air vent of the front instrument panel.
- Hat-and-coat hook is also provided at the rear left and right ceiling armrests and the interior panels of luggage compartment.

WARNING

- The maximum load capacity of hat-and-coat hook is 3 kg. Do not exceed the usage limit!

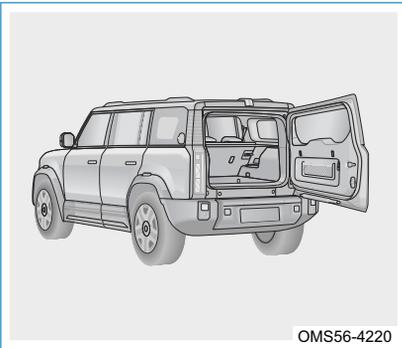
4. INTERIOR FUNCTION

Seat Storage Bag



Front seatbacks are both equipped with storage bags on backside, which are used to store documents, instruction etc.

Luggage Compartment



To enlarge space for stowing luggage, the rear seats can be folded when no passenger in seats. The folding rear seats provide convenience for storage of cargo. For details, please refer to "Seats".

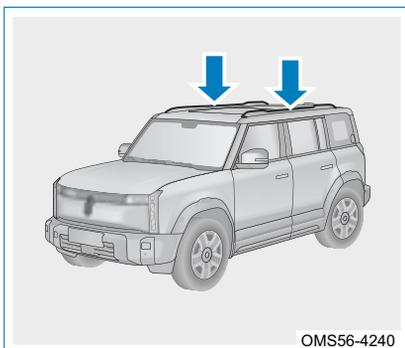
When stowing luggage in the vehicle, observe the following precautions:

- Be careful to keep the vehicle balanced.
- To save battery power, do not stow unneeded items.
- Make sure that the stowing items are not oversized to prevent the back door from closing properly.

WARNING

- Do not drive the vehicle with the back door open or not closed, to prevent items from being thrown out to cause personal injury.
- Do not stack goods or luggage higher than seatback. Keep them low, as close to the floor as possible to prevent them sliding forward in event of braking, causing personal injury.
- Do not allow anyone to sit in the luggage compartment. The passengers should sit in their seats with their seat belts properly fastened. Otherwise, they may be seriously injured in event of sudden braking or a collision.

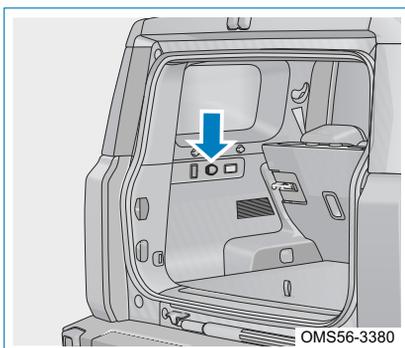
Carrier



Carrier is located on both sides above the roof.

4-14. Power Outlet

Power Outlet



The 12V power interface for the luggage compartment is located on the left C pillar interior panel of luggage compartment.

The power outlet can be used only when the vehicle is powered on.

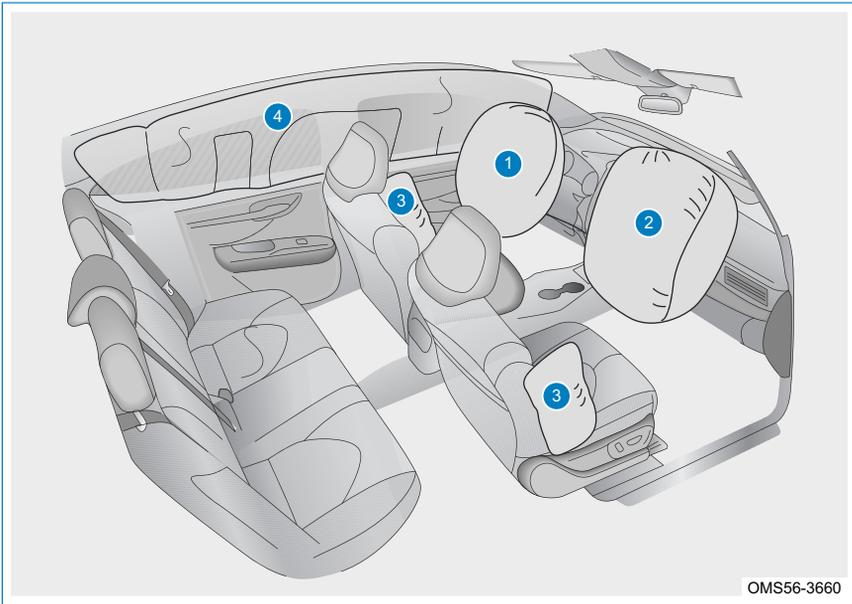
 CAUTION

- To prevent the fuse from being blown, do not use electrical equipment with high power.
- To prevent the battery from depleting, do not use the power outlet longer than necessary.
- Do not insert anything or allow any liquid to get into the outlet other than an appropriate plug, as this may cause electrical failure or short circuits.

4. INTERIOR FUNCTION

4-15. Airbag

Airbag



OMS56-3660

- | | | | |
|---|------------------------|---|-------------------------------------|
| 1 | Driver airbag | 2 | Front passenger airbag |
| 3 | Front seat side airbag | 4 | Curtain shield airbag (if equipped) |

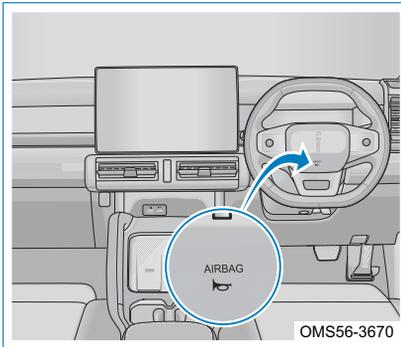
Airbag Position

The airbags operate together with seat belts to protect occupants in vehicle. In the event of severe frontal/side collision, when deployment conditions are met, airbags can inflate a bag with air between occupants and interior trim, so that occupants are pushed on the bag to avoid or reduce the secondary impact, thus reducing the risk of occupants and driver injury.

WARNING

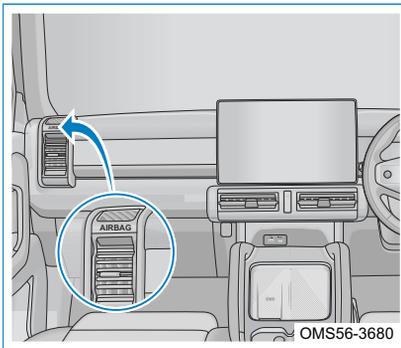
Please make sure to fasten the seat belt properly, otherwise, in the event of an accident, the airbag will not only fail to effectively protect, but also cause more serious injury due to the rapid inflation and deployment of the airbag.

■ Driver airbag



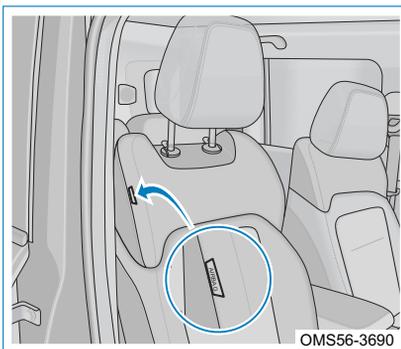
When driver airbag is triggered, it will be opened from steering wheel and the airbag deploys.

■ Front passenger airbag



When front passenger airbag is triggered, it will be opened from instrument panel and the airbag deploys.

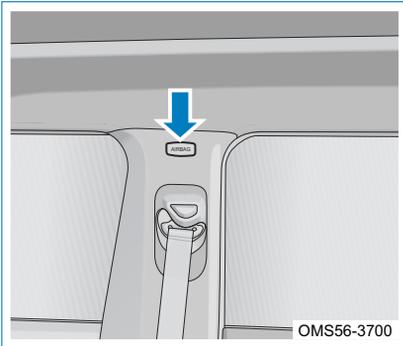
■ Front seat side airbag



When vehicle is subjected to side collision and deployment conditions are met, seat airbag of impacted side deploys. Besides seat belt, seat side airbag is a kind of device that can provide more protection for driver and front passenger.

4. INTERIOR FUNCTION

■ Curtain shield airbag (if equipped)



When vehicle is subjected to side collision and deployment conditions are met, curtain shield airbag can provide head protection for passengers sitting on front seat and rear outside seat of impacted side, reducing risk of injury.

Proper Usage and Precautions for Airbag

■ Malfunction indicator

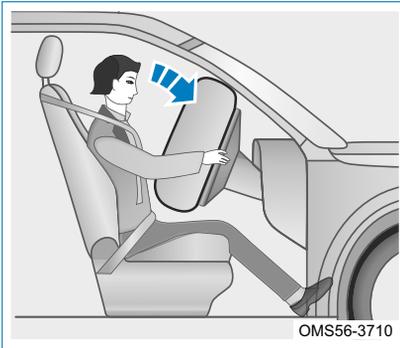
If any of the followings occurs, it indicates that the airbag is malfunctioning. Please go to the authorized service station for inspection and repair as soon as possible:

- When the vehicle is powered on, airbag malfunction indicator does not come on, remains on or flashes.
- Airbag malfunction indicator comes on or flashes while driving.

■ Airbag deployment

- After an airbag is inflated, it will discharge gas quickly, and some parts of the airbag module may generate heat. Do not touch any related parts at this time.
- After the airbag is inflated, the vehicle automatically unlocks doors, illuminates interior lights, and turns on hazard warning lights.
- In addition, when airbag is discharging gas, some smoke and dust will be emitted. For people with asthma or other respiratory problems, respiratory system could be stimulated. Therefore, all people in vehicle should get out as soon as possible, or open windows to breathe fresh air and seek medical treatment if necessary.
- If the areas where the airbags are stored (such as the steering wheel and instrument panel) are damaged or cracked, please go to the authorized service station for replacement as soon as possible.

■ Using airbag correctly



The airbag works together with seat belt to protect safety of driver and passengers. However, airbag is not a substitute for seat belt. In addition, the airbag will deploy only when the collision degree of vehicle reaches the design condition. In some collisions, the seat belt is the only protective device. Wearing a seat belt during a collision can help reduce the risk of hitting objects inside the vehicle or being thrown out of the vehicle, and effectively protect the occupants and drivers. Therefore, all persons in vehicle should wear seat belts correctly.

- A considerable force will be generated at the moment the airbag inflates, in order to avoid serious injury or death, never get too close to the airbag, do not sit on the edge of the seat or tilting the body forward. The driver should sit back as far as the passengers while driving.
- Airbags and seat belts can provide protection for adults and children those meet safety wearing requirements. For protection of infants and young children. Refer to "Child Restraint System" for details.

■ Usage precautions for airbag



Always keep airbag inflation path clear. It is forbidden to place anything (mobile phone, etc.) between the occupant and the airbag. It is forbidden to fix or place any object on or near the airbag cover. If there is an object between occupant and airbag, the airbag may not deploy according to design path, or the airbag may push object to occupant's body, causing serious injury or even death.

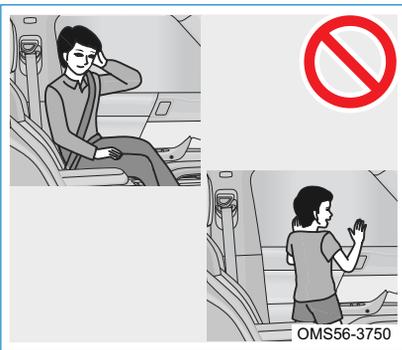
4. INTERIOR FUNCTION



Do not sit on the edge of the seat or lean against the instrument panel.



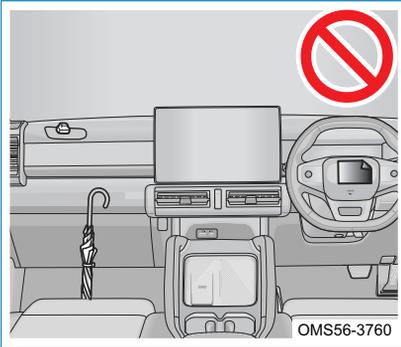
Do not allow a child to stand in front of the front passenger airbag unit or sit on the knees of front passenger.



Do not lean against the door, A pillar, B pillar or C pillar.

Do not allow anyone to kneel on the passenger seat toward the door or put their heads or hands outside the vehicle.

4. INTERIOR FUNCTION



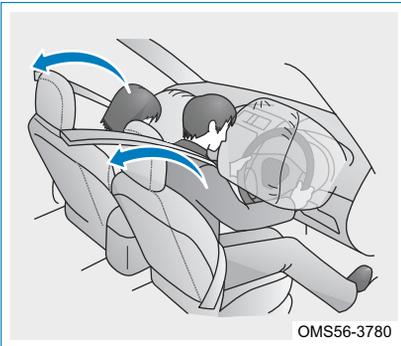
Do not attach anything to or lean anything against the areas such as the instrument panel, steering wheel and lower portion of the instrument panel etc. These items can become projectiles when driver airbag or front passenger airbag deploys.



Do not attach anything to areas such as the door, windshield glass, side door glass, A pillar, B pillar, C pillar, roof side rail and assist grip.

Do not strike or apply excessive force to the area of airbag components. Doing so can cause the airbags to malfunction.

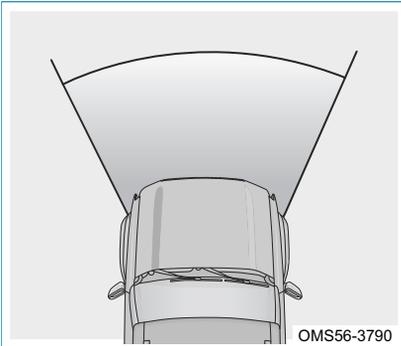
■ Airbag deployment conditions



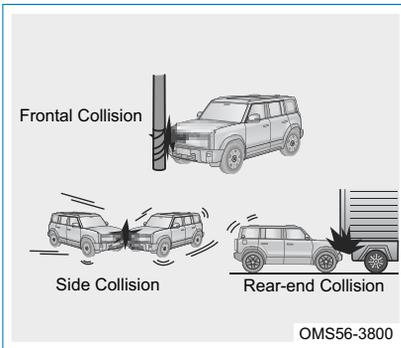
In an event of a severe frontal collision, driver airbag and front passenger airbag work together with the seat belt to help reduce injuries to the head or chest of driver and front passenger caused by hitting the interior component. The front passenger airbag may be activated even there is no passenger in the front seat.

4. INTERIOR FUNCTION

■ Operating conditions



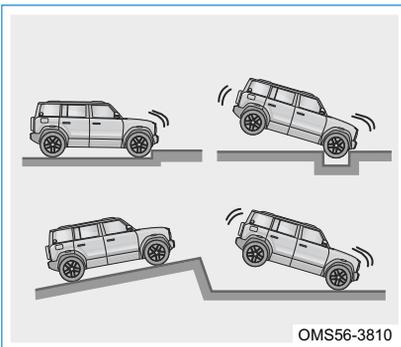
Operating conditions: In general, in an event of frontal collision, the driver airbag and front passenger airbag will deploy if the deceleration of vehicle exceeds the designed threshold level.



The driver airbag and front passenger airbag will deploy if the severity of the frontal collision is above the designed threshold level, comparable to a certain speed collision when the vehicle impacts straight into a fixed barrier that does not move or deform.

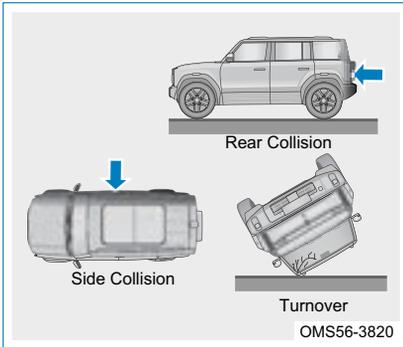
The driver airbag and front passenger airbag may not deploy if the front of vehicle hits a telegraph pole slightly, goes under a truck, or if the vehicle is involved in an oblique collision as shown in the illustration.

■ Conditions under which airbag may deploy other than a collision

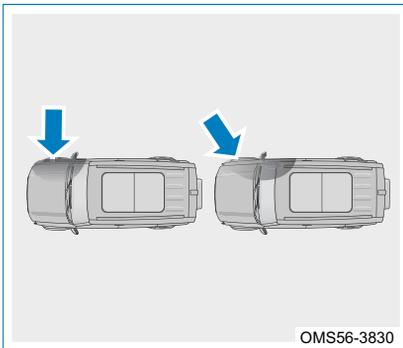


The driver airbag and front passenger airbag may also deploy if a serious impact occurs to the underside of your vehicle as shown in the illustration.

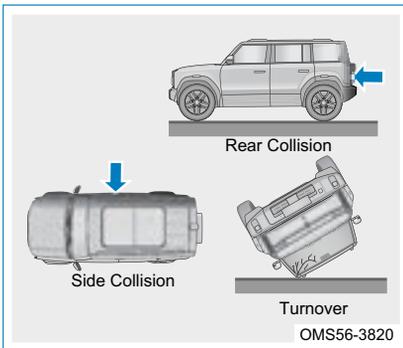
■ Other conditions under which airbag may not deploy during a collision



The driver airbag and front passenger airbag may not deploy if the vehicle is subjected to a side or rear collision, turnover or low speed frontal collision.



Front side airbag and curtain shield airbag may not deploy if the vehicle is subjected to a collision from side other than passenger compartment or a side collision at certain angles to body as shown in the illustration.



Front side airbag and curtain shield airbag may not deploy if the vehicle is subjected to a frontal or rear collision, turnover or low speed side collision.

⚠ WARNING

- Do not use seat cover that blocks seat side, as in the event of an accident, the seat side airbag will not pop up after inflating, which will reduce protection for passengers.
- When cleaning front seat, do not permeate any fluid into seat, front side airbag will be wet, doing so may cause the front seat side airbag to fail.

4. INTERIOR FUNCTION

■ Modification and disposal of airbag system components

Do not dispose your vehicle or make any of the following modifications before consulting the authorized service station. Otherwise, airbag may malfunction or deploy (inflate) accidentally, causing death or serious injury.

Never handle with the following components without permission of the authorized service station:

- Installation, removal, disassembly and repair of airbags.
- Repair, modification, removal or replacement of steering wheel, instrument cluster, instrument panel and seats.
- Modification of vehicle suspension system.
- Modification of vehicle front bumper, etc.

Events Data Recorder System

This vehicle is equipped with events data recorder system. Events data recorder system can record the data information such as driving speed, braking status in the event of collision. These data can be used to analyze the operating condition of vehicle dynamic and safety related systems when airbag is deployed or collision accident occurs. Events data recorder system can be read through the special diagnostic tool of vehicle manufacturer. Please contact the authorized service station as necessary.

Events data recorder system only records data in the event of a serious vehicle collision. Events data recorder system does not record data during normal driving.

4-16. Remote Control System (If Equipped)

Remote Control System

User can remotely view the vehicle status (including lock status, window status, back door status, tire temperature and pressure, etc.) on their mobile phone APP, and remotely control the vehicle to improve driving efficiency, monitoring and protection of the vehicle.

READ

For details about activation and usage of vehicle control function, refer to electronic manual in mobile APP, or contact authorized service station.

CAUTION

Due to product version upgrade or other reasons, the information company will update or revise the contents herein from time to time without prior notice. Please make sure that you refer to the latest version before using the product.

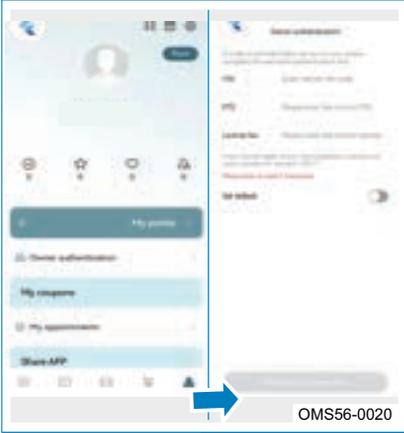
Introduction of Product Functions**User registration**

Registration with mobile phone (MP) number

1. Open the vehicle control APP and click the "MY" tab at the page bottom. The following interface will display when user logs in for the first time:
2. Register the vehicle control APP with MP number. Click "Register" to enter the user registration page. By following the prompts, enter the MP number and the corresponding verification code, set the initial user password, and check the User Agreement and Privacy Agreement.
3. After entering all information correctly, click "Register" on the page, a user account is created successfully.
4. You may also enter the MP number and verification code directly on the verification code login page, and the system will automatically create an account after detecting the unregistered MP number.
5. The page will jump to the APP operating interface automatically upon the account creation.

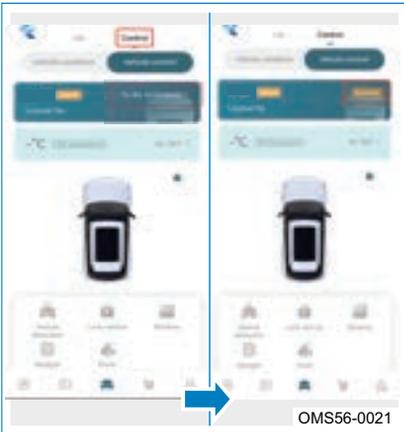
4. INTERIOR FUNCTION

Vehicle binding and vehicle control activation



Add a vehicle

1. After logging in, click the "MY" tab, and then click "Owner authentication".
2. Click and enter vehicle information on the pop-up page, such as VIN, license plate number, etc.
3. Click "Submit for authentication" to add a vehicle. If the vehicle information has been subject to maintenance in the system, after the data verification is completed, it will prompt "VEHICLE BINDING SUCCESSFUL", otherwise "- AUTHENTICATION FAILED, VIN DOES NOT EXIST" will display, please carefully check whether the VIN is matching.



Activate vehicle control function

1. For users who have activated the vehicle control function for the first time, click on the "Car" page and then the "Car Control" page to enter the vehicle remote control interface.
2. Click "To Be Activated" to activate the car control function
3. Enter the MP verification code again for verification. After that, enter the vehicle control password, then the activation is successful. At this time, the vehicle control function is activated.

View vehicle status

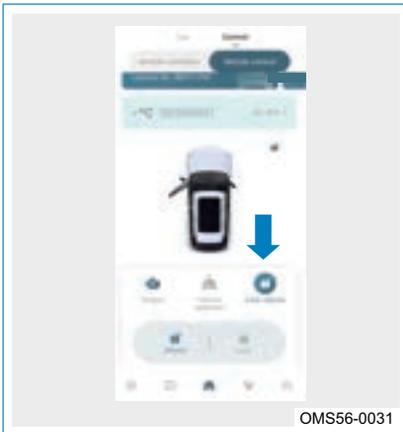


Select a vehicle: In case of several available vehicles at the same time, click the vehicle card and click "- DEFAULT VEHICLE" to view the vehicle status.

View vehicle status: On the vehicle details page, check various vehicle status information, such as battery SOC, mileage and vehicle location, etc.

Remote vehicle control

It includes the following operations:



■ Remote unlock/lock:

1. Click the vehicle control page, click "Lock vehicle" and then click "Unlock".
2. After confirmation, the doors will be unlocked. Click "Lock" again and the doors will be locked.

4. INTERIOR FUNCTION



■ Remote window open/close:

1. Click the vehicle control page, click "Window" and then click "Open" or "Ventilation".
2. After confirmation, the windows will automatically open in different ranges according to the settings. Click "Close" again and the windows will close.

■ Remote skylight open:

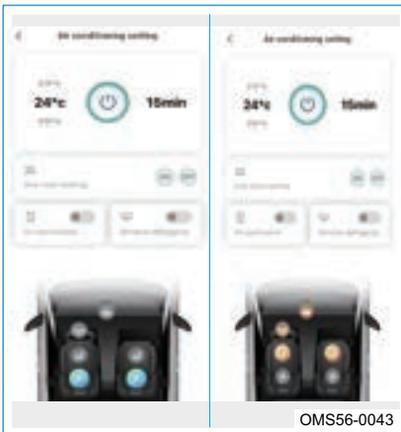
- 1. Click the vehicle control page, click "Skylight" and then click "-Open" or "Tilted"
- 2. After confirmation, the skylight will automatically open or tilt according to the settings. Click "-Close" again and the skylight will close.



■ Remote trunk/tail door open:

1. Click the vehicle control page, click "TAIL DOOR" and then click "OPEN".
2. After confirmation, the trunk or tail doors will automatically open. Click "CLOSE" again and the tail doors will close (the trunk can only be opened, but not closed).

■ Remote A/C ON:



- A/C temperature/duration adjustment

1. Click the A/C icon on the vehicle condition/vehicle control page. In the A/C sub-interface, you can adjust the A/C temperature and execution time by sliding.
2. After selecting the A/C temperature and ON duration, click "SWITCH", the A/C will be turned on. Click again, the A/C will be turned off.

- Heating/ventilation adjustment

1. In the A/C sub-interface, the seat heating or ventilation function can be adjusted. By clicking the icons on the virtual vehicle, the sub-functions of steering wheel heating, windshield heating, seat heating and seat ventilation can be realized.
2. Click the corresponding icons again, the sub-functions of steering wheel heating, windshield heating, seat heating and seat ventilation will be turned off.

- Air purification/window defogging

1. In the A/C sub-interface, click "Air purification"/"Window defogging" to turn on the corresponding functions.
2. Click the corresponding icons again, the "Air purification"/"Window defogging" function will be turned off.

- One-button heating regulation

1. In the A/C sub-interface, click "One click heating". At this time, the one-button heating function is activated, and all the heating-related functions on the vehicle are activated.

4. INTERIOR FUNCTION

- The user may select the one-button heating function to make the vehicle reach the set temperature quickly. Click "One click heating" again to turn off the function.

CAUTION

Please note that the specific adjustment options and functions may vary subject to different vehicle models or configurations.

Please note that the availability of specific functions may depend on the model and configuration of the vehicle. When using the remote control function, please ensure that the vehicle is in a safe environment and observe the local traffic laws and regulations.

Map service

It includes the following operations:



- Flashing lights and whistling

- You may click "Whistle and flash lights" either in the vehicle remote control function sub-item "VEHICLE SEARCH" or in the map service function sub-item.
- After confirmation, the lights will flash and whistle to help the user find the vehicle quickly.

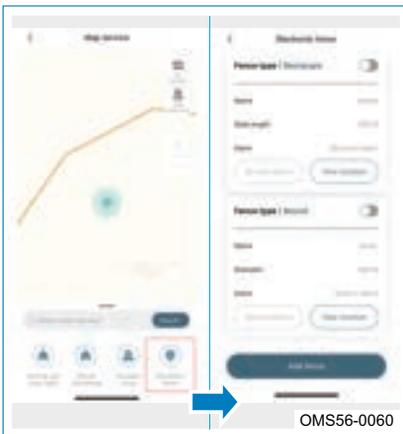


- Vehicle positioning

- You may click "Vehicle positioning" either in the vehicle remote control function sub-item "VEHICLE SEARCH" or in the map service function sub-item.
- After this function is activated, the user may determine the vehicle location through the vehicle icon on the map.



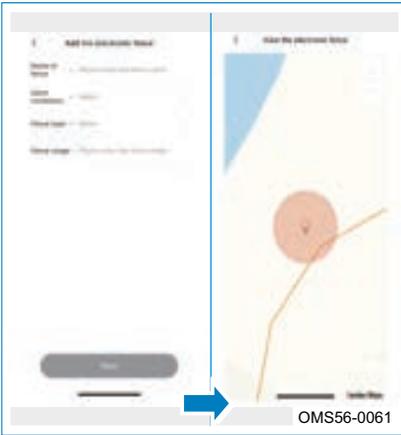
- Navigate to vehicle
 1. Click "Map service" to enter the function sub-item, and click "- Navigate to car".
 2. At this time, the APP will wake up the third-party navigation system (google map/Here We Go).
 3. After entering the third-party navigation system, the user's current location and the current vehicle location will be taken as the starting point of navigation, and the user may use the navigation function to plan the best route in order to reach the location of the vehicle.



Electronic fence

- View the set electronic fence information.
 1. Click "Map service" to enter the function sub-item, and then click "Electronic fence" button.
 2. The use may browse the created electronic fence and view its name, notification conditions, shape and size, etc.
 3. Click "View location" to view the location and coverage of the fence on the map.

4. INTERIOR FUNCTION



Electronic fence

- Add a new electronic fence
 1. Click "Add fence" to add a new electronic fence.
 2. The user may choose to mark the fence location on the map and set its name, notification conditions, shape and size.
 3. Click "View location" to view the location and coverage of the fence on the map.



Electronic fence

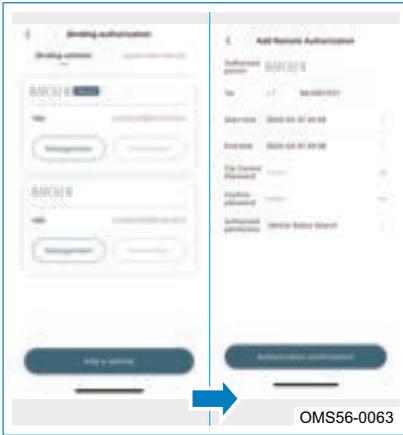
- POI information query
 1. In the map interface, you may query POI (point of interest) information.
 2. The user may search for specific locations or types, such as banks, gas stations and parking lots, etc.
 3. Click "SEND TO VEHICLE" after searching out the address, the APP will send the displayed POI information to the vehicle end, and proceed navigation in the vehicle navigation system.

READ

These map service functions can help users easily locate vehicles, plan navigation routes, set up electronic fences and inquiry surrounding POI information. Please note that the availability of specific functions may depend on the versions and regions of the vehicle control APP.

Binding authorization

It usually includes the following operations:



Electronic fence

- Add user authorization
 1. Click "Binding authorization", and the vehicle that can be bound by authorization will be displayed in the pop-up interface.
 2. Click "REMOTE AUTHORIZATION MANAGEMENT" on the corresponding vehicle.
 3. Click "Add remote authorization", and enter the name, MP number, effective time and invalid time of authorization, vehicle control password (irrelevant to the original vehicle control) and limit of authority of the authorized person on the pop-up page.

The authorizer can set the authorized person's range of right to use the vehicle, including basic permissions, remote control and vehicle positioning.

- If granted basic permissions, the authorized user may view the vehicle condition.
- If granted remote control, the authorized user may control the vehicle remotely.
- If granted vehicle positioning, the authorized user may use the related functions in the map service.

4. INTERIOR FUNCTION



Edit user authorization

1. On the setting or authorization management page of the vehicle control APP, the user may choose to edit the user authorization.
2. Users may select the existing authorized users to edit and modify their related information or permission range.



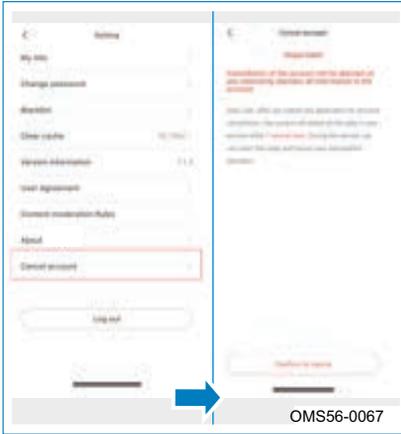
Remote authorization

1. On the setting or authorization management page of the vehicle control APP, the user may choose to delete the user authorization.
2. Users may select to delete the existing authorized users and confirm the deletion operation.

READ

Through the binding authorization function, the owner can conveniently manage and control the authorization permission of the vehicle. He/she may add a new authorization, provide the information and permission range of the authorized person; or he/she may edit the existing user authorization and modify its information or authority; and he/she may also delete user authorizations that are no longer needed. In this way, the owner can flexibly authorize others to use the vehicle and manage and adjust as needed. Please note that the availability of specific functions may depend on the versions and regions of the vehicle control APP.

Account cancellation



Edit user authorization

1. Enter the "MY" function page, click "ACCOUNT SETTING" on the interface.
2. Select "Cancel account" on the account setting page
3. Confirm account cancellation operation

CAUTION

Cancelling the account will clear all account-related data, which cannot be recovered. Please be careful.

5-1. Starting and Turning Off Vehicle	5-3. Braking Force Control System
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5. DRIVING VEHICLE

5-1. Starting and Turning Off Vehicle

Vehicle Power-on and Power-off

■ Vehicle power-on

- Unlock the vehicle, and open the driver door, the vehicle is automatically powered on.
- When the vehicle is powered off, if the smart key is placed inside the vehicle, depress the brake pedal and the vehicle is automatically powered on.

■ Vehicle power-off (normal power-off)

1. Stop vehicle and apply parking brake;
2. Shift the shift lever to P;
3. Get off while carrying smart key, close doors;
4. Lock vehicle;
5. Check that the vehicle is locked.

■ Vehicle power-off (emergency power-off)



Long press the emergency power-off switch for 3 seconds or press the emergency power-off switch continuously for 3 times within 3 seconds, the vehicle power is off.

READ

If the vehicle is only equipped with NFC card key, the user starts vehicle again after vehicle emergency power-off. It is required to leave NFC card key in left rear view mirror sensing area. Swipe the card key again and lock the vehicle before activating the vehicle.

Before Starting Vehicle

1. Make sure there are no obstacles around the vehicle.
2. Make sure all passengers fasten seat belts.
3. Adjust the seat to a comfortable position.

4. Make sure that the power of headlights and other electrical accessories are turned off.
5. Make sure that the parking brake is applied.
6. Make sure that the gear position is in P.
7. Confirm that the vehicle is equipped with smart key (including luggage compartment area).
8. Adjust angle of the inside and outside rear view mirrors.

Starting Vehicle

1. Unlock the vehicle with smart key;
2. Open driver door, the vehicle is powered on;
3. Depress brake pedal, "READY" indicator on instrument cluster comes on.

READ

If entering the vehicle while carrying the smart key, but do not depress brake pedal and do not shift gear position to D/R, the vehicle will be powered on but does not start.

Driving Vehicle

In the following situations, special attention should be paid to the lower components on the vehicle to avoid scratching the vehicle chassis.

- When driving on roads with poor road conditions.
- When driving along the curb.
- When driving on steep slopes.

WARNING

Overloading is prohibited. When the vehicle is fully loaded, special care should be taken.

Driving

1. Depress brake pedal and hold, shift vehicle gear position to D/R, the system releases the electric parking brake automatically.
2. Release brake pedal, the vehicle begins to crawl. Lightly depress accelerator pedal, the vehicle starts driving.
3. If you need to accelerate, depress the accelerator pedal gradually; If you need to drive at a constant speed, keep the accelerator pedal at a certain opening; If you need to brake, depress the brake pedal.

5. DRIVING VEHICLE

CAUTION

- Do not depress accelerator pedal during shifting gears to avoid loss of vehicle control.
- Do not depress the brake pedal and the accelerator pedal at the same time; Avoid emergency braking when the vehicle is driving; The vehicle shall slow down as much as possible during the turning, and sharp turns are prohibited.
- The power battery is installed at the bottom of vehicle. Please pay attention to road obstacles during driving; Any scratches at the bottom of vehicle may damage the power battery or other important chassis components. In case of scratches at the bottom of vehicle, please stop if conditions permit to check the bottom of vehicle or go to the authorized service station for inspection as soon as possible. Do not wade in water during driving to avoid damage to the internal battery due to damage to the power battery case.

ECO driving

Driving range and power battery capacity are affected by driving habits, parking condition, charging way and power battery temperature etc. Good use and driving style can increase the driving range of vehicle.

1. Smooth start and acceleration: High power consumption during start and acceleration. Try to avoid depressing the accelerator pedal sharply to start and accelerate while driving the vehicle. Smooth start and acceleration will save the charge.
2. Avoid unnecessary braking: Control the following distance from the vehicle ahead and try to avoid frequent braking; Slow down to coast the vehicle at red light, and avoid sudden braking.
3. Keep the vehicle with low wind resistance: Opening windows at high speed significantly increases the wind resistance of vehicle, leading to increased power consumption. Please close the windows when the vehicle speed is higher than 80 km/h.
4. Maintain appropriate tire inflation pressure: Regularly check tire inflation pressure, as low tire inflation pressure can increase tire rolling resistance and lead to increased power consumption.
5. Try to turn on air conditioning as little as possible: Whether it is for cooling or heating, air conditioning will accelerate the consumption of power battery. Please use air conditioning when necessary. Windows can be opened for ventilation at low speed. It is more energy efficient to use the recirculated air mode when using the air conditioning.
6. Reduce vehicle load: Every increase of 1 kg additional weight will increase power consumption, and unnecessary luggage and items on the vehicle should be regularly cleaned.

7. Plan the route: Optimize the route and try to avoid congested road sections. This saves time and reduces power consumption.
8. Do not change the size of tires randomly: Using larger or wider tires can lead to increased power consumption.
9. Drive mode selection: The use of economic mode when the vehicle is driving can reduce the power consumption of the vehicle and increase the driving range. Conversely, the selection of spot mode will increase the power consumption of the vehicle and shorten the driving range.

 **WARNING**

Be sure to drive safely and comply with traffic laws when driving, and do not obstruct others and public transportation order.

Driving carefully

Driving carefully means "being always prepared for unexpected situations". Driving carefully starts with wearing your seat belt.

 **CAUTION**

- Before driving the vehicle, please confirm that the charging port cover is completely closed and the charging cable has been unplugged.
- Pay special attention to safety of pedestrians, as electric vehicles generate less noise and pedestrians may not be aware when the vehicle is approaching. Anticipate risks in advance and get ready.
- Before driving, please check the driving range on the instrument cluster, check whether the remaining power battery can meet the driving demand. If the battery is low, please charge it in time.
- During driving, for the dangers caused by the pedestrians, poor weather or road conditions, the driver can promptly take necessary, reasonable and effective measures to prevent the occurrence of accidents.

 **WARNING**

Keep a distance from other vehicles and focus on driving. Driver distraction may cause a collision, resulting in injury or death.

Wading driving

In order to avoid damage to the vehicle when wading (such as when the road is flooded), pay attention to the followings:

- Before wading, determine the water depth. The water level can only reach up to the edge of the side beam.
- Drive at a low speed, otherwise waves may form in front of the vehicle and damage components such as the motor controller, causing the vehicle to be unable to drive.

5. DRIVING VEHICLE

- Do not stop or reverse in water under any conditions.

CAUTION

- The wave caused by the incoming vehicle may exceed the allowable water level of own vehicle.
- After wading driving, it is recommended to go to the authorized service station for the comprehensive vehicle inspection, troubleshoot hidden dangers, and ensure driving safety.
- There may be hidden potholes, mud holes or stones in the water that will make wading more difficult or obstruct wading. Do not wade in salt water, which will cause rust. Immediately rinse all components of vehicle that have come into contact with saltwater by fresh water.

WARNING

- When driving on wading and mud roads, the braking effect may be affected and the braking distance may be extended and there is a risk of accidents.
- After wading driving, avoid sudden emergency braking operations immediately.
- After wading driving, the brakes must be cleaned and dried by intermittent braking.

Stopping and parking

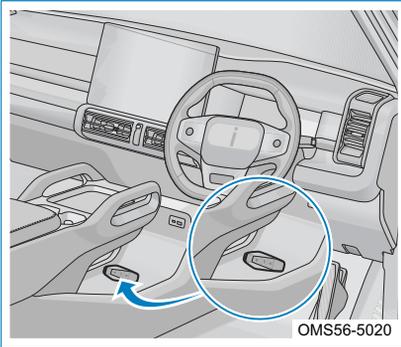
- The vehicle shall be parked on a road that is flat, solid, safe and does not affect the passage of other vehicles.
- When parking, first depress the brake pedal until the vehicle stops slowly and keeps stationary, and then shift the gear position to P.

WARNING

Do not leave children or person with disability in the vehicle. They may release the parking brake and shift gears, causing the vehicle to move and causing injury or death.

Starting In Emergency (If Equipped)

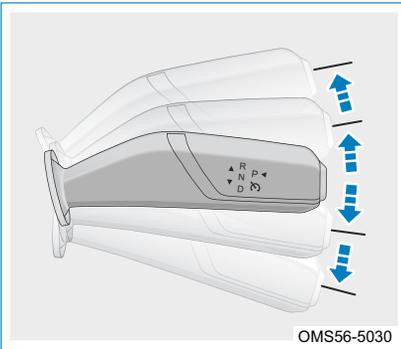
When smart key battery is low or signal is seriously interfered, the vehicle cannot be started normally. In this case, start according to following steps:



When smart key battery is low or signal is seriously interrupted, start and stop function will not work normally. In this case, start vehicle according to following steps:

1. Lay smart key under the armrest box with front side facing up; do not depress brake pedal at this time;
2. Depress brake pedal and shift the gears.

Column Shift



Depress brake pedal and move column shift up or down to switch gear position. After shifting successfully, display the corresponding gear information on the instrument cluster.

CAUTION

If shifting to the disabled gear for the current speed, the buzzer will sound and the gear does not shift.

■ R (reverse gear)

When the vehicle is stationary, depress brake pedal, push up column shift to the top and release, when instrument cluster displays R, it indicates that the vehicle is shifted to R.

■ N (neutral gear)

When the vehicle is stationary, depress brake pedal and shift the shift position to N by following operations:

- In D/P, push up column shift once to N.
- In R, push down column shift once to N.

5. DRIVING VEHICLE

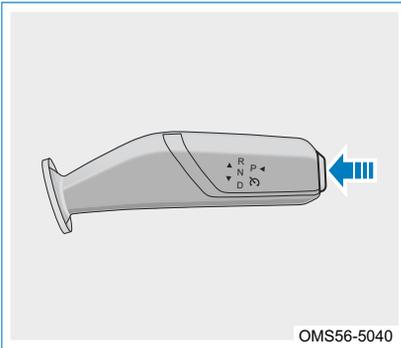
■ D (forward driving gear)

When the vehicle is stationary, depress brake pedal, push down column shift to the bottom and release, when instrument cluster displays D, it indicates that the vehicle is shifted to D.

READ

When the vehicle is in P, push down column shift once or push it to the bottom and release it, when instrument cluster displays D, it indicates that the vehicle is shifted to D.

■ P (parking gear)



When the vehicle is stationary, depress brake pedal, when shift position is not in P, press the button on right side of column shift to switch to P directly and exit the corresponding R/N/D. The electric parking brake is turned on automatically at the same time, "(P)" indicator on instrument cluster remains on.

READ

When the vehicle is shifted from P to D/R, electric parking brake is released automatically, and "(P)" indicator on instrument cluster goes off.

CAUTION

- If the gear position cannot be shifted normally, please contact the authorized service station for inspection and repair in time.
- Before leaving the vehicle or when the vehicle is parked on a slope, make sure that shift the gear position to P to prevent vehicle from rolling unintentionally.
- When shifting the gears, shift to each gear to prevent the misoperation. After operation, check the gear position with the gear indication on the instrument cluster.

WARNING

During the shift operation, firmly depress brake pedal and shift the gears when the vehicle is completely stopped; If the column shift is operated during vehicle movement, it may cause accidents or serious injury.

Drive Mode



Click  to enter drive mode selection screen in the audio system according to the different road conditions. The drive mode includes: economic mode, standard mode, sport mode, snow mode, mud mode and sand mode.

READ

The vehicle drive mode varies according to the vehicle configuration. Please refer to the actual vehicle.

5-2. Brake System

Electric Parking Brake (EPB) System

EPB system is a technology that integrates temporary braking during driving and long-time braking after stopping, and implements parking brake by electronic control. This technology replaces the traditional hand-brake.

Auto hold

Shift to P from other gears, the electric parking brake system is turned on automatically to apply the parking brake.

Auto releasing

With vehicle power on, shift gear position to D/R, the electric parking brake system is released automatically.

WARNING

To avoid vehicle accidentally moving, in the state of auto hold, confirm the shift position before you depressing accelerator pedal to start.

Auto Hold

To keep the vehicle in the stationary state, the driver does not need to depress the brake pedal continuously in order to keep the vehicle stationary. When the driver depresses the accelerator pedal, the brake pressure will be released under sufficient accelerator pedal opening or driving torque to ensure that the vehicle has a more comfortable starting process.

5. DRIVING VEHICLE



Auto hold function enabling conditions: Vehicle is in "READY" status, driver door is closed properly and driver side seat belt is fastened.

Auto hold function enabling: With the vehicle power on, swipe down from the top of the audio system screen to enter the "Control center" and turn on/off the "AUTO HOLD" option. Auto hold function can be turned on when auto hold conditions are met, and then the system enters auto hold mode.

Activating auto hold function:

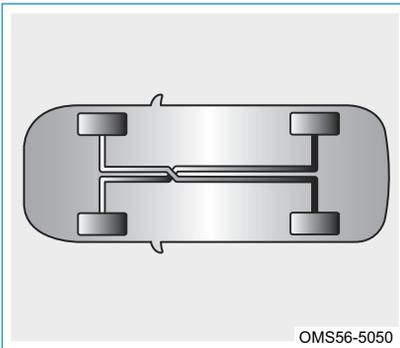
- When auto hold function is turned on and auto hold operation conditions are met, depress brake pedal to slow down and stop the vehicle, then auto hold function is activated, green indicator "(A)" comes on.
- Depress brake pedal with vehicle stationary, when auto hold operation conditions are met and auto hold function is turned on, auto hold function is activated automatically, green indicator "(A)" comes on.

Turning off auto hold function:

- When auto hold function is turned on, press auto hold switch on audio screen to turn off this function, the system exits auto hold mode.
- When auto hold is activated, press auto hold switch on audio screen to turn off this function. "(A)" green indicator on the instrument cluster goes off. The system exits auto hold mode and switches to electric parking brake system for parking.

⚠ CAUTION

- Always park vehicle correctly according to safety regulations and take care to avoid hurt yourself and pedestrians.
- If accelerator pedal is depressed very slowly, auto release of auto hold delays, which is normal.
- Turn on auto hold switch after vehicle starts, if driver door is not closed or driver side seat belt is not fastened, auto hold system cannot be entered.
- After auto hold function is turned on, auto hold system will automatically stop the vehicle after the vehicle comes to a complete stop from motion state by foot brake, but the shift position is still in D or R. It is recommended to shift to N for short parking and shift to P for long parking.
- When auto hold function is turned on, open driver door or unfasten driver side seat belt to exit auto hold function, close the door or fasten the belt again to turn on the function again.
- When auto hold function is activated, unfasten driver side seat belt or open driver door to switch auto hold to electric parking.
- Turn off auto hold function before driving into auto car wash.

Foot Brake

Brake system adopts X type dual circuit brake system. This system is a hydraulic system which has two independent sub systems. When one of the sub systems is not working, the other sub system can still implement the braking function.

⚠ WARNING

Do not drive vehicle under conditions in which only one brake system works. Please contact authorized service station for inspection and repair immediately.

Low brake fluid alarm

When there is fault in brake system, indicator "⚠" on instrument cluster remains on. There is fault in brake system, check brake fluid level. Add brake fluid when it is lower than MIN line. If the cause cannot be determined, please contact authorized service station for inspection and repair as soon as possible.

5. DRIVING VEHICLE

READ

Add brake fluid until the level reaches MAX mark and go to authorized service station to inspect the brake system.

Brake system operation descriptions

- It is normal that brake system makes a noise sometimes. But metals rubbing against each other or whistling sounds for a long time, brake plates may be seriously worn, please replace them. At this time, please go to the authorized service station for inspection and repair. If there is continuous shudder or vibration being transferred to the steering wheel during braking, please go to the authorized service station immediately for inspection and repair.
- New brake lining requires a break-in period to achieve optimum braking effect. Braking effect in the first 200 km is slightly reduced. In this case, depress brake pedal more firmly to compensate braking effect. This point is also applicable to new brake linings.
- Wear condition of brake lining depends largely on its working conditions and driving style. For vehicles mainly used in city traffic, frequent starting and stopping will make working condition of brake lining worsen. Therefore, please go to the authorized service station according to specified maintenance mileage to check thickness of brake linings or replace them as needed.
- When driving downhill, even if braking is needed, the brake pedal should not be depressed continuously.
- The wet brake disc will reduce braking efficiency. After wading, heavy rain or car washing, lightly depress the brake pedal to make the brake disc and the brake linings generate friction and heat, evaporate the water and restore the braking effect.
- A wet brake may cause abnormal vehicle deceleration or pull to one side when braking. Depress brake pedal slightly to test effectiveness of brakes. After driving through deep water, keep a safe vehicle speed and depress brake pedal slightly until braking function is restored.

CAUTION

If front spoiler is installed on vehicle, air flow through front brake should be smooth, otherwise brake system may overheat due to poor ventilation, which may reduce brake effect.

5-3. Braking Force Control System

Braking Energy Recovery Function

During vehicle driving, the driver depresses the brake pedal and apply the brake, the ABS function is not activated. The system performs energy recovery according to the torque limited value of current recovery energy and vehicle speed.

Electronic Stability Program System

Electronic stability program system is an active safety control system. The system sensor monitors the driving status of vehicle. When the vehicle is prone to unstable conditions such as emergency avoidance of obstacles, turning, etc., and in case of oversteering or understeering, the power system intervention and braking system intervention are used to help the vehicle overcome the tendency to deviate from the ideal track and provide better safety for the vehicle driving. If braking one wheel alone is not enough to stabilize the vehicle, the electronic stability program system will brake other wheels to meet the demand by reducing the drive motor torque output.

■ ESC OFF button



ESC OFF button: With the vehicle power on, swipe down from the top of the audio system screen to enter the "Control center" and the "ESC OFF" button.

Electronic stability program system is turned on by default after the vehicle starts. Press "ESC OFF" button, the electronic stability program system is turned off.

CAUTION

The function of driver assistance relies on ESP for safety. If ESP is turned off, many functions of driver assistance will not be available, temporary malfunction light may appear on the instrument cluster to indicate that the function is not available (not driver assistance system failure). In order to continue to use the driver assistance function, turn on ESP function again, the driver assistance function will recover.

■ Electronic stability program system indicator:

- When electronic stability program system is turned off, " " yellow indicator on instrument cluster remains on.

5. DRIVING VEHICLE

- When electronic stability program system operates, "  " yellow indicator on instrument cluster blinks.
- When there is fault in electronic stability program system, "  " yellow indicator on instrument cluster remains on.

■ Under the following conditions, ESP needs to be turned off:

When driving on roads with deep snow or loose gravel; When driving with tire chains; When starting vehicle on power tester.

READ

- Electronic stability program system cannot be turned off during operation.
- To improve vehicle traction when driving on sand or gravel, it is recommended to turn electronic stability program system off.
- When there is a fault in electronic stability program system, please contact the authorized service station for inspection and repair immediately.

WARNING

- Even when electronic stability program system is working, excessive driving speed, sharp turns or poor road conditions can cause accidents.
- Electronic stability program system does not completely ensure that you can take over vehicle if it has lost control due to various extreme situations. Even vehicle is equipped with electronic stability program system function, always follow laws and regulations to avoid accidents.

Hill Descent Control (HDC) System

The HDC system can control the vehicle to drive smoothly down a steep slope without the driver depressing the brake pedal. According to whether the vehicle speed exceeds the set speed, the active pressurization or decompression is carried out to realize driving downhill at a constant speed.

After HDC is turned on, when vehicle is driving down in a steep slope, speed control range is 8 - 25 km/h. When initial speed is lower than the minimum speed, vehicle will control at the minimum speed by default. The current control vehicle speed can be increased or decreased in a given speed range by pressing accelerator or brake pedal.



Click  in the audio system to enter drive mode. Click the hill descent button to turn on and off the hill descent function after selecting setting button.

Turning on hill descent system:

Vehicle is powered on, HDC system switch is pressed and vehicle speed is not higher than 60 km/h, HDC system turns on, "  " green indicator on instrument cluster comes on.

- When HDC system is activated, "  " green indicator on instrument cluster blinks.
- When driving speed is higher than 60 km/h, HDC system turns off.

CAUTION

- The speed range at which HDC system is turned on is below 60 km/h.
- When HDC is working, the ABS will start automatically if there is a tire lock.
- Before entering steep road, set HDC system so that driver can operate steering wheel without distraction.
- When hill descent control system is working, if any wheel loses contact with ground, the braking force will be distributed to the wheel with higher adhesion coefficient.
- HDC system is to actively apply the braking force through the ESP work. The system will have a hydraulic operation sound when working, which is a normal phenomenon. When the ESP fails, the HDC function cannot be turned on. Please go to authorized service station for inspection and repair as soon as possible.
- When HDC system is working, the driver needs to be ready to take over the control of vehicle at any time for safety, because the system may be overheated or electronic stability program system may fail in addition to being turned off by the button during operation. At this time, the system will automatically exit the control, and the driver needs to substitute the HDC system to control the vehicle speed in time.

5. DRIVING VEHICLE

Braking Stop (CST)

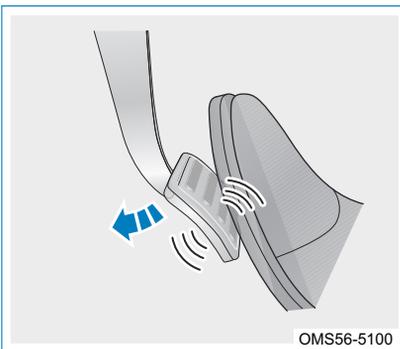
Before the vehicle brakes to stop, the CST function, under the premise of meeting the driver's braking intention, appropriately reduces the brake pressure, brakes the vehicle smoothly, reduces the pitching and shaking of the vehicle when it brakes to stop, and improves braking comfort.



CST button: With the vehicle power on, swipe down from the top of the audio system screen to enter the "-Control center" and the "CST" button.

Anti-lock Brake System (ABS)

The vehicle cannot turn when front wheel is locked, and vehicle is easily to drift when the rear wheel is locked. Anti-lock brake system is an active safety system, which can recognize the tendency of one or more wheels to lock up at an early stage and reduce the brake pressure of this one or several wheels to prevent the vehicle from locking, and maintain steering performance even in emergency braking, making you avoid obstacles. However, when the physical limit is exceeded or the vehicle is driven at high speed on a slippery road, this function cannot completely prevent the vehicle from slipping.



- Anti-lock brake system does not work during normal braking, and only works when the wheels are about to lock during emergency braking to avoid wheel locking.
- If brake pedal pulsates with noise during braking, it indicates that anti-lock brake system is working, which is normal. Never release brake pedal in this case.

■ Anti-lock brake system indicator

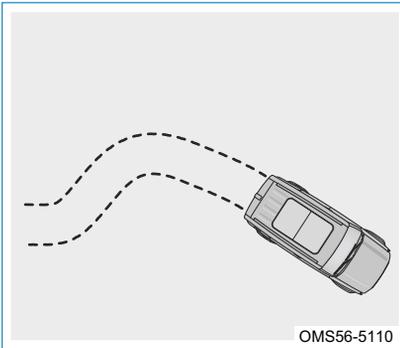
When there is fault in anti-lock brake system, "  " yellow indicator on instrument cluster remains on.

⚠ CAUTION

When the anti-lock brake system fails, the driver can carry out regular braking, but should drive at a lower speed to avoid emergency braking and prevent wheel locking. Please drive carefully and go to authorized service station for inspection and repair as soon as possible to prevent accidents.

⚠ WARNING

When anti-lock brake system malfunction indicator and brake system malfunction indicator remain on at the same time, please park the vehicle in a safe area immediately and turn on hazard light. Please contact authorized service station for inspection and repair immediately.

■ Anti-lock brake system braking

Anti-lock brake system works immediately in sudden braking to maintain vehicle braking and steering performance. If there is enough space, you can avoid obstacles successfully.

⚠ WARNING

- Always drive carefully and make sure to decelerate during turning.
- Although anti-lock brake system can ensure the best braking effect, braking distance will vary largely due to road conditions.
- Also, anti-lock brake system cannot eliminate risks arising from close-following driving, driving through water, turning quickly or driving on poor road surfaces and cannot avoid accidents caused by inattentive or inappropriate driving.
- Anti-lock brake system cannot guarantee a shorter braking distance under all road conditions, such as equipped with tire chains, on sand or snow covered roads. Compared to vehicles without anti-lock brake system, your vehicle may require a longer braking distance.

Precautions for Operation

- Anti-lock brake system will make operation sound in following conditions:
 - Rebounding sound of brake pedal.

5. DRIVING VEHICLE

- Impacting sound between suspension and vehicle body due to emergency braking.
- Operation sound of motor, solenoid valve and return pump in hydraulic unit.
- Operation sound of solenoid valve when electronic brake force distribution system is intervened in braking.
- Buzz will be heard for a short time after vehicle is powered on or started, indicating system self-test is performed.

■ Always maintain a safe distance from vehicle ahead in the following situations:

- When driving on rough roads.
- When driving on roads with potholes or uneven surfaces.
- When driving with tire chains.
- When driving on dirt, gravel or snow-covered roads.

CAUTION

Tire size, specification and tread pattern wear will seriously affect ABS system performance. Replaced tires should have same size, load capacity and structure as original one. When tire is abnormal, it is recommended to replace with an original type at authorized service station.

WARNING

- Although ABS system can help to control vehicle, make sure to drive carefully, maintain a moderate speed and keep safe distance from preceding vehicles. There are certain limitations in vehicle stability and steering wheel operation effect even ABS system operates.
- When driving on rainy days, properly control the vehicle speed, because if the wheel spins or slips, ABS system will lose control of vehicle.

Extended Function

Brake Force Distribution (EBD) system

EBD system automatically adjusts braking force distribution ratio of front and rear axles according to axial load transfer difference caused by braking to improve braking efficiency. In addition, EBD system works together with ABS system to improve braking stability. Also, when braking in curve, brake force of inside and outside wheel can be adjusted to improve braking stability.

Traction Control System (TCS)

Traction control system is an extended function of ESP system. During starting off or rapidly accelerating, drive wheels may slip. In case of on a slippery road such as snowy or icy road, direction could get out of control and cause dangerous. When TCS detects that driven wheel speed is lower than drive wheel speed (a feature of slip) using sensors, it sends a signal to adjust

ignition timing. To ensure driving stability and comfort of the vehicle by intervening in power system management control or applying wheel braking force.

Hill Hold Control (HHC) function

HHC can prevent vehicle from moving backward when starting off on uphill. After vehicle is stationary, HHC function adopts longitudinal acceleration sensor to determine if the vehicle is on a slope. When vehicle starts from stationary state on a slope to drive or reverse upwards, HHC function automatically operates. When starting off, after driver releases brake pedal, system maintains previous braking pressure for 1-2 seconds to hold the vehicle. As increasing of drive torque, brake pressure reduces gradually, avoiding accidents caused by moving backward when starting off on a slope.

Hydraulic Brake Assist (EBA) function

The depressing force on brake pedal by the driver is not enough in emergency, the system recognizes emergency braking needs, provides maximum braking assist to the driver, and reduces braking distance.

Emergency braking double flashing function (HAZ)

When the system recognizes the emergency braking situation, it sends a double flashing signal and turns on the hazard light to remind the vehicles behind.

5-4. Driving Precautions

Driving Precautions

Power consumption advice

In order to ensure your safety and prevent unnecessary damage to the vehicle due to improper charging, please note that you must confirm that the selected power supply is an ordinary household 220 V AC power supply and the maximum allowable current of the socket and cable is not less than 16 A, so as to avoid damage to power supply circuit due to excessive current.

Charge saving driving method

■ Avoiding starting too hard

When starting the vehicle, try to avoid depressing the accelerator pedal deeply, resulting in waste of unnecessary electric energy.

■ Avoiding rapid acceleration overtaking

During driving, try to reduce frequent overtaking and drive at a constant speed to avoid wasting unnecessary electric energy.

■ Controlling driving speed

When the vehicle runs at high speed, the vehicle resistance increases obviously, resulting in the rapid reduction of charge.

5. DRIVING VEHICLE

■ Trying to avoid emergency braking

When braking under safe conditions, make a pre-judgment in advance to avoid emergency braking as much as possible. Sliding the vehicle or gently depressing the brake pedal can reduce the vehicle speed through the energy recovery of the motor, and store the recovered energy in the battery to improve the driving mileage.

■ Proper usage of air conditioning

The air conditioning should be turned on in the middle or low gear as far as possible. The electric vehicles rely on electric energy for heating or cooling. Turning on the air conditioning for a long time will affect energy consumption and shorten driving mileage.

■ Checking tire pressure timely

When the tire pressure is low, the driving resistance of vehicle will increase. Maintaining appropriate tire pressure can reduce energy consumption.

READ

If it needs to replace the special modified tire such as AT in the special driving environment, due to the increased resistance of the vehicle tire, the driving range of the vehicle is reduced.

■ Cleaning luggage compartment timely

Clean the luggage or goods in the luggage compartment in time to reduce the driving weight and reduce the energy consumption.

Driving under dangerous conditions

Safe driving is especially important when driving on water, snow, ice, mud, sand or similar dangerous road surfaces. At all times, safety must be our first priority. Do not drive in dangerous areas:

- Before driving, ensure that all passengers wear seat belts, and all items are fixed firmly to prevent danger due to the movement of items in the vehicle during driving.
- Before driving in special environments and on dangerous roads, be sure to carefully investigate the route and road surface conditions.
- Drive carefully because the braking distance on dangerous roads will increase.
- Control the vehicle speed and try to avoid emergency braking or emergency steering.
- If the vehicle is trapped in snow, mud or sand, accelerate slowly to avoid drive wheel slipping.
- If the vehicle is trapped in ice, snow or mud, place a layer of stones and salt under the drive wheel, or use tire chains or other anti-skid materials to increase adhesion.

- After driving through sand, mud, water and snow road, please check if the brake is normal.
- After driving through sand road, please check the brake system. The sand attached to the surrounding of the brake disc will affect the braking effect and may damage the brake system components.
- After driving through the grass, mud, gravel, sand and river, check whether weeds, branches, gravel, sand, etc, are stuck or trapped at the vehicle bottom. Please remove such debris. If the vehicle continues to drive when there is such debris, it will bring safety risks or cause vehicle failure.
- If the tire pressure is reduced to suit the road conditions before driving on a dangerous road, always inflate the tires to standard tire pressure after driving through. Under-inflation is the main cause of abnormal damage such as tire cracking and blowout. After driving through the dangerous road, please check if the wheel and tires are damaged. It may damage the wheels and tires after driving through the dangerous road, which can lead to tire failure, loss of vehicle control or personal injury.

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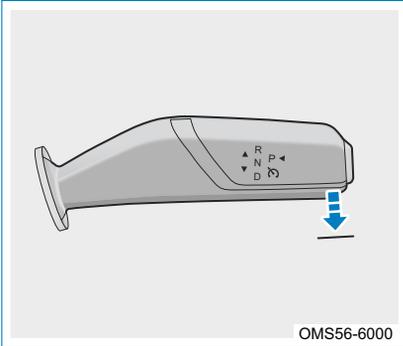
6. ASSIST DRIVING

6-1. Cruise System

Adaptive Cruise Control (ACC)

Adaptive cruise control system can maintain the speed set by driver and can also follow the vehicle at a set safe distance.

Activating adaptive cruise control



When there is a target vehicle in front of the vehicle, with the vehicle in D gear and vehicle speed within a range of 0 ~ 150 km/h, push column shift downward once to activate adaptive cruise control function. At this time, the adaptive cruise control icon becomes blue and a prompt sound is heard.

When there is no target vehicle in front of the vehicle, with the vehicle in D gear and vehicle speed within a range of 15 ~ 150 km/h, push column shift downward once to activate adaptive cruise control function. At this time, the adaptive cruise control icon becomes blue and a prompt sound is heard.

The adaptive cruise control icon number displays the set cruise speed.

CAUTION

After the function is activated, cruise speed can be set to 15 km/h ~ 150 km/h. When the function is activated, if vehicle speed is less than 15 km/h, set cruise speed is 15 km/h; If vehicle speed is not less than 15 km/h, set cruise speed is the current vehicle speed.

Exiting adaptive cruise control

■ After exiting adaptive cruise control, the driver needs to control the vehicle autonomously.

- Depress brake pedal.
- Push column shift upward once.

CAUTION

Operations such as releasing the driver seat belt, opening the driver door etc. will also exit adaptive cruise control.

Following stop and start

- Following stop: In the following cruise status, the vehicle will automatically adjust its speed and distance according to the speed of vehicle ahead. If the vehicle ahead decelerates and stops, the vehicle will also apply brake itself until it stops.
- Start: If the vehicle ahead starts moving forward within a short period of time, the vehicle will automatically accelerate and follow the vehicle ahead. If the following stop exceeds a certain time, depress the accelerator pedal to activate adaptive cruise control function.

WARNING

If the vehicle ahead is not recognized, adaptive cruise control will make the vehicle drive at set speed; The driver must always pay attention to ensuring the safety ahead, and take over the vehicle immediately and turn off adaptive cruise control if necessary.

Adjusting cruise speed

■ After adaptive cruise control is activated, rotate left roller upward or downward to adjust cruise speed within 15 km/h ~ 150 km/h.

- During cruising, rotate left roller upward or downward once, cruise speed will increase or decrease by 1 km/h; Continue to rotate left roller upward or downward, cruise speed will continue to increase or decrease by 5 km/h.
- (Long range intelligent driving version) During cruising, rotate left roller upward or downward once, cruise speed will increase or decrease by 5 km/h.
- When the driver depresses the accelerator pedal and the vehicle is accelerating, push column shift downward once to set the current vehicle speed to cruise speed (for example, if the set current cruise speed is 60 km/h, depress the accelerator pedal to make the vehicle drive at 70 km/h; Push column shift downward once to change the cruise speed to 70 km/h).

CAUTION

After the function is activated, when rotating the left roller of the steering wheel continuously for the first time, if the current cruise speed is not an integer multiple of 5 km/h, it will directly jump to an integer multiple of 5 km/h (for example, if the set current cruise speed is 43 km/h, rotate the cruise speed set roller upward or downward continuously, and the set cruise speed will increase or decrease to 45 km/h or 40 km/h).

Following clearance

■ After adaptive cruise control is activated, rotate left roller leftward or rightward to adjust the following clearance. There are 5 levels for clearance setting. When the clearance level changes, the instrument cluster or audio

6. ASSIST DRIVING

system display (depending on the configuration) displays clearance information prompts.

CAUTION

The shorter the following distance, the shorter the reaction time for the driver. It is the driver's responsibility to choose the appropriate following clearance. Please carefully adjust the vehicle speed and following clearance based on external factors such as the front traffic flow, real-time weather, and road conditions to ensure safe driving.

Always read the following precautions when using adaptive cruise control:

■ In the following situations, adaptive cruise control performance may be limited or unavailable:

- It is unavailable when battery is less than 10%.
- It is out of normal operating vehicle speed.
- When the vehicle speed is too fast, the system may not be able to apply brake and decelerate stationary targets in time.
- The system cannot apply brake and decelerate in the following situations:
 - Pedestrians or non-motor vehicles and other similar slow transportation.
 - Construction vehicles, engineering vehicles and irregular vehicles.
 - Intersections controlled red light.
 - Lateral traffic (such as lateral oncoming vehicles, lateral pedestrians etc.).
 - Oncoming vehicles.
 - Road obstacles (such as pile bucket, guardrails and guide plate etc.).
- Camera imaging ability is affected, including but not limited to:
 - Night and severe weather (such as heavy rain, snow, heavy fog, dust) cause poor visibility.
 - Strong light, backlight, water reflection, extreme contrast of light.
 - Camera is blocked by soil, ice, snow, or camera performance decreases due to high temperature or extremely cold extreme weather conditions.
- Sensor detection ability is affected, including but not limited to:
 - Sensor is affected by surrounding environment (such as electromagnetic field interference, underground parking lots, tunnels, tracks, construction area, width/height-limited rack).

- Sensor is blocked by soil, ice, snow, or sensor performance decreases due to high temperature or extremely cold extreme weather conditions.
- Adaptive cruise control can not violate laws of physics and has certain limitations. Driver must always keep control of the vehicle and be fully responsible for the vehicle.
- If the vehicle is extremely close to vehicle on adjacent lanes, adaptive cruise control may select the vehicle as following target.
- Adaptive cruise control can not respond to stationary objects and vehicles, crosswise vehicles, oncoming vehicles, pedestrians, bicycles and animals.
- When stopping vehicle briefly by adaptive cruise control, driver must confirm that there are no obstacles or other traffic participants such as pedestrians, bicycles and animals in front of the vehicle.
- When adaptive cruise control is malfunctioning, yellow indicator on instrument cluster comes on. At this time, adaptive cruise control cannot be activated, please contact the authorized service station for inspection and repair immediately.
- During adaptive cruise control controls vehicle, never inadvertently step on accelerator pedal, otherwise, adaptive cruise control will not apply brake to vehicle, driver should always be ready to brake actively to ensure the safety of the vehicle.
- Adaptive cruise control has a limited brake time reaction; if vehicle ahead occurs sudden brake, another driver cuts in front of the vehicle, the vehicle cuts behind a preceding vehicle, adaptive cruise control may not respond or react to vehicle ahead too slow, in this case, driver should take over the vehicle control in time.
- Driver should adjust the proper clearance from vehicle ahead based on traffic flow and weather condition and is responsible for ensuring that the vehicle can stop safely at any time. In inclement weather (rain, snow, fog, etc.), adaptive cruise control may not recognize a vehicle ahead. In this case, adaptive cruise control should be turned off.
- Adaptive cruise control is suitable for use on highways and roads in good condition. It is not recommend for use on narrow roads, mountain roads, hills, tunnels, etc. If using adaptive cruise control on curves, target vehicle ahead may be lost or target selection is delayed due to limitation of sensor detection range. In this case, adaptive cruise control will control vehicle to accelerate to set speed.
- During the process of following the vehicle ahead to stop, adaptive cruise control may not be able to recognize the end of the vehicle, but the lower or upper part of vehicle (such as rear axle of truck that has higher chassis, upper part of lower flatbed trailer). In these cases, system cannot ensure a proper stopping distance or even lead to collision. Therefore, driver must keep a watch on vehicle and be ready to take over vehicle control anytime during this process.

6. ASSIST DRIVING

- View of sensor should not be covered by pollutants, and front or surrounding areas should not be modified or decorated with license plate frames, etc. When sensor is completely covered by snow, adaptive cruise control will be exited. Sensors may also be affected by vibration or collision, and system performance may be reduced or its function fails. In this case, please go to authorized service station for recalibration of sensors as soon as possible.
- Precautions mentioned above do not cover all circumstances that may affect system normal operation. System function may fail to bring the expected effect due to other reasons. Driver must always take full responsibility for vehicle control anytime.

■ Special driving environment

1. When turning at an intersection or following a vehicle to enter or exit a curve, adaptive cruise control system may not detect vehicles ahead in the same lane or may react to vehicles in another lane. The driver should pay extra attention, choose the appropriate speed, and be prepared to take measures or apply brake at all times.
2. If the vehicle ahead changes lanes and does not fully enter the lane, adaptive cruise control may not be able to detect the vehicle. The driver should pay extra attention, choose the appropriate speed, and be prepared to take measures or apply brake at all times. If the vehicle ahead changes lanes and does not completely exit the lane, adaptive cruise control may determine that the vehicle ahead has left and speed up the vehicle. The driver should pay extra attention, choose the appropriate speed, and be prepared to take measures or apply brake at all times.
3. When driving on the steep slope, adaptive cruise control cannot detect the vehicles in the same lane. Do not use adaptive cruise control system.
4. When driving with a small vehicle width overlap ratio with vehicle ahead, adaptive cruise control may not be able to detect the vehicle. The driver should pay extra attention, choose the appropriate speed, and be prepared to take measures or apply brake at all times.

⚠ WARNING

- Do not leave the vehicle when the adaptive cruise control keeps vehicle stationary.
- During following cruising, it is not recommended to step on accelerator pedal. If accelerator pedal is depressed, adaptive cruise control cannot apply brake to vehicle automatically, because the vehicle is controlled only by accelerator pedal operated by the driver and the system does not work.
- If adaptive cruise control has already stopped the vehicle and adaptive cruise control is released, turned off or canceled, the vehicle will no longer remain stopped and it may move forward or slide. When adaptive cruise control keeps the vehicle stopped, be sure to be prepared to actively apply brake.
- Adaptive cruise control system is a comfort system that can assist the driver, but cannot substitute the driver for driving. When choosing to use adaptive cruise control system, the driver should always focus on taking measures and applying brake at all times. Failure to do so may cause an accident or serious injury.
- During operation of adaptive cruise control, the automatic braking capability of vehicle is limited, therefore, the driver still needs to focus on observing the road and traffic conditions. When the driver feels dangerous, it is necessary to actively depress the brake pedal to apply brake.

6-2. Traffic Jam Assist (TJA) System**Traffic Jam Assist (TJA) System**

Traffic jam assist system and integrated cruise assist system can reduce driver's workload under monotonous driving environment or busy traffic to provide driving assist. This function mainly uses multi-function camera on front windshield to detect the lane line and performs longitudinal and horizontal controls for vehicle.

When vehicle speed is 0 to 60 km/h, traffic jam assist system operates, vehicle will be kept near lane center. If no lane line is detected, the vehicle follows vehicle ahead as driving target. If neither lane line nor target vehicle is detected, the function will be turned off.

Exiting function

- Overly narrow or wide lanes.
- Too small lane curve radius.
- Lane line is not detected.
- Driver rotates steering wheel actively.

6. ASSIST DRIVING

CAUTION

Traffic jam assist system performance is affected by weather, illumination and lane line clarity. Significant performance degradation or even loss of function occurs in the case of backlight, sunset, nighttime, road surface covered with snow and ice, and unclear lane lines due to surface wear.

WARNING

- Traffic jam assist system and integrated cruise assist system are driving assistance systems, which can not violate laws of physics and has certain limitations. Driver must always keep control of the vehicle and be fully responsible for the vehicle.

6-3. Drive Away Info System

Drive Away Info (DAI)

Drive Away Info: At intersections controlled by traffic lights or congested roads, the vehicle is waiting in line. When the vehicle ahead drives away, the system will remind the driver visually and audibly to resume driving. This function allows the driver to relax and focus on things other than driving in two driving scenes above. When the traffic environment changes, it assists drivers in restoring driving in a timely manner.



Click "Vehicle" in the audio system, select "Smart Driving", and click "- Drive Away Info" switch to turn it on or off.

- When there is a vehicle ahead and it drives a certain distance, the system will display "Vehicle ahead has driven away" information on the instrument cluster or audio system display (depending on the configuration) and a prompt sound is heard.

■ In the following situations, vehicle ahead start reminder may not be triggered, including but not limited to:

- Gear position is in R position. There are pedestrians or irregular vehicles, or there are no vehicles ahead.
- The distance between the vehicle ahead and your vehicle is long or the stationary time between the vehicle ahead and your vehicle is short.
- Camera imaging ability is affected, including but not limited to:
 - Night causes poor visibility.

- Severe weather (such as heavy rain, snow, heavy fog, dust) causes poor visibility.
- Strong light, backlight, water reflection, extreme contrast of light.
- Camera is blocked by soil, ice, snow, or camera performance decreases due to high temperature or extremely cold extreme weather conditions.
- Sensor detection ability is affected, including but not limited to:
 - Sensor is affected by surrounding environment (such as electromagnetic field interference, underground parking lots, tunnels, tracks, construction area, width/height-limited rack), sensor is blocked by soil, ice, snow, or sensor performance decreases due to high temperature or extremely cold extreme weather conditions.

WARNING

- Drive Away Info is a driving assistance function, which cannot substitute for driver's observation and judgment of traffic conditions as well as the driver's responsibility for safety driving.
- Due to the complex driving environment of real-time traffic conditions, roads and weather etc., the sensor cannot guarantee correct detection under various conditions. If the sensor cannot detect the vehicle ahead, vehicle ahead start reminder will not work.

6-4. Lane Departure Warning

Lane Departure Warning (LDW)

When the driver deviates vehicle from the current lane unconsciously, the system will send visual and acoustic alarm sound to remind the driver. The available vehicle speed range for lane departure warning function is 65 km/h ~ 172 km/h.



Click "Vehicle" in the audio system to select "Smart Driving", and click "- Lane departure warning" switch to turn it on or off.

- When the function is triggered, the system will remind the driver through warning images on the instrument cluster or audio system display (depending on the configuration) and alarm sound.

■ In the following conditions, LDW function may be limited or may not operate properly, including but not limited to:

6. ASSIST DRIVING

- It is out of normal operating vehicle speed.
- The vehicle is driving on a slope, sharp curves, roads with significant bumps, roads with many road seams, roads without lane lines, with unclear lane lines, or roads with chaotic lane lines due to construction.
- The vehicle extremely tilts due to heavy load or abnormal tire pressure.
- Lane lines cannot be detected because the vehicle is affected by crosswind or close following clearance.
- Camera imaging ability is affected, including but not limited to:
 - Night and severe weather (such as heavy rain, snow, heavy fog, dust) cause poor visibility.
 - Strong light, backlight, water reflection, extreme contrast of light.
 - Camera is blocked by soil, ice, snow, or camera performance decreases due to high temperature or extremely cold extreme weather conditions.

WARNING

- Lane departure warning is a driving assistance function, which cannot substitute for driver's observation and judgment of traffic conditions as well as the driver's responsibility for safety driving.
- Do not use lane departure warning at intersections or junctions of road.
- Do not use lane departure warning when the vehicle uses spare tire or tire chain.
- Do not use lane departure warning when the tire is worn excessively or the tire inflation pressure is too low.
- Do not use lane departure warning when tires with different structures, manufacturers, brands or tread patterns are used together.
- Do not use lane departure warning when driving on construction roads (-barricade such as construction signs, cone barrel etc.).
- Do not use lane departure warning on sharp curves, steep slopes, icy or slippery roads, or in weather conditions such as rain, snow or fog etc.
- When there are no lane lines on the lane, or there are multiple lane lines, or the lane lines are worn, blurred or covered by other objects, the system may not operate properly.

6-5. Emergency Lane Keeping

Emergency Lane Keeping (ELK)

Emergency lane keeping function recognizes the lane boundary through the camera on the front windshield. When the driver unintentionally deviates from the lane or turns on the turn signal light to change the lane, if there is a collision risk with an oncoming vehicle in the adjacent lane or a following

vehicle in the same direction, the steering wheel should be calibrated in advance to reduce the risk of collision.



Click "Vehicle" in the audio system to select "Smart Driving", and click "-Emergency Lane Keeping" switch to turn it on or off.

As long as the system recognizes one lane boundary, emergency lane keeping function will enter ready state. Because emergency lane keeping function is designed for vehicle traveling on highway and other roads in good condition, the system operates only when vehicle speed is in a range of 60 ~ 120 km/h. When emergency lane keeping function is activated, the pop-up window shows "Emergency lane keeping is activated" on the instrument cluster, and a prompt sound occurs to remind the driver.

■ ELK function may not operate properly or work in the following conditions: For example:

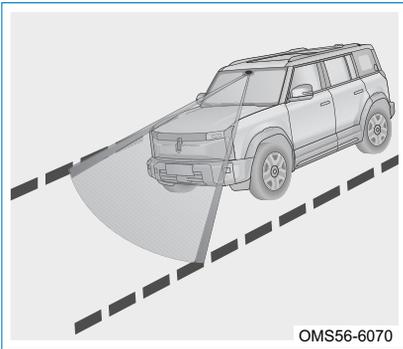
- For smaller targets (motorcycles, bicycles etc.).
- For stationary targets.
- When the current vehicle drives closely to the vehicle ahead and obstructs camera detection, or when the following vehicle drives closely to the current vehicle and obstructs sensor detection.

6-6. Lane Departure Prevention

Lane Departure Prevention (LDP)

Lane departure prevention function recognizes the lane boundary through the camera on the front windshield, which can assist the driver in calibrating the steering wheel when the driver unintentionally deviates from the lane.

6. ASSIST DRIVING



As long as the system recognizes one lane boundary, lane departure prevention function will enter ready state.

Because lane department prevention function is designed for vehicle traveling on highway and other roads in good condition, the system operates only when vehicle speed is in a range of 60 ~ 150 km/h. During the lane departure prevention cycle, the first activated speed is 65 km/h or above, and then it can be activated within the cycle at 60 km/h or above. When the vehicle speed decreases below 60 km/h, the cycle is considered to be ended.

■ LDP function may not operate properly or work in the following conditions:
For example:

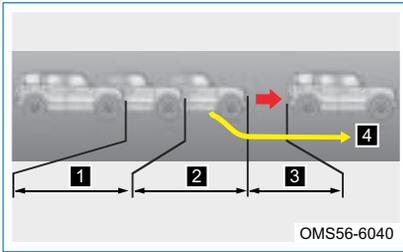
- For smaller targets (motorcycles, bicycles etc.).
- For stationary targets.
- When the current vehicle drives closely to the vehicle ahead and obstructs camera detection, or when the following vehicle drives closely to the current vehicle and obstructs sensor detection.

6-7. Forward Safety Assistance

Forward safety assistance includes two functions: Front collision warning and active safety system (if equipped).



Click "Vehicle" in the audio system to select "Smart Driving", and click "- Forward safety assistance" button: ON/ OFF.



- ① Start pre-warning before impacting.
- ② Start braking partly before impacting.
- ③ Start braking completely before impacting.
- ④ If driver reacts correctly (for example, avoid a collision by steering), the following emergency braking is canceled.

■ Forward safety assistance is an assist function for pedestrian detection, and it cannot detect pedestrian in the following situations:

- The pedestrian ahead is partially blocked or the clothes do not form a clear image of their body shape.
- The contrast between the pedestrian ahead and the background is not strong, and the pedestrian ahead carries large objects.

■ In the following situations, forward safety assistance may not be triggered in time or not be triggered, including but not limited to:

- Targets ahead with less reflection from sensors such as motorcycles or bicycles, or targets ahead intruding into the driving track of the vehicle at close distance.
- This vehicle is centered in the lane with the vehicle ahead partially in this lane or the vehicle ahead is centered in the lane with this vehicle partially in this lane.

■ In the following situations, forward safety assistance may not apply brake or stop applying brake, including but not limited to:

- The driver takes active evasive actions such as deeply depressing accelerator pedal, turning steering wheel sharply or fully depressing brake pedal.
- No collision risk with vehicles, motorcycles, bicycles or pedestrians ahead is detected.

⚠ CAUTION

- Forward safety assistance is turned on by default when the vehicle is powered on.
- Before the setting function is turned on or turned off, please make sure that the vehicle is parked in a safe area and gear position is in P.
- Forward safety assistance cannot avoid collisions in all situations. The driver also needs to depress brake pedal in time when forward safety assistance is triggered.

6. ASSIST DRIVING

WARNING

- After the forward safety assistance is turned off, even if the vehicle detects a possible collision, it will not apply brake. It is not recommended to turn off this function.

Front Collision Warning (FCW)

When the vehicle speed is between 30 km/h and 85 km/h, the vehicle detects a stationary vehicle or a lorry ahead and the system determines that there is a risk of collision, or when the vehicle speed is between 30 km/h and 150 km/h, the vehicle detects a moving vehicle or a lorry ahead and the system determines that there is a risk of collision, or when the vehicle speed is between 30 km/h and 85 km/h, the vehicle detects a pedestrian, motorcycle or bicycle ahead and the system determines that there is a risk of collision, the system will send visual, tactile and acoustic alarm information to remind the driver. After the risk of forward collision is reduced, the alarm will be automatically canceled.

When there is a risk of collision in front of the vehicle, the instrument cluster or audio system display (depending on the configuration) will prompt the message "Front collision warning system triggered" accompanied with an alarm sound.

■ In the following conditions, FCW function may be limited or may not operate properly, including but not limited to:

- When vehicle speed is lower than 4 km/h, the function will not be triggered.
- The system cannot send an alarm to stationary obstacles on road (such as pile bucket, guardrails and guide plates etc.).
- Due to the limitation of sensor recognition angle and function, low objects or obstacles at close distance in the front of vehicle may not be recognized.
- The system cannot send an alarm to oncoming vehicles or lateral oncoming vehicles or vehicles in the adjacent lane line.
- When the relative speed difference with the vehicle ahead is significant or the vehicle ahead applies brake suddenly, the system may not be able to send an alarm in time.
- Triggering the function may be delayed for vehicles that cut in at close distance or quickly merge into this lane.
- The system may not be able to send an alarm in time for targets that can only be detected after this vehicle changes lanes.
- The system detection performance will be limited for targets in curves, and the function may not be triggered.
- For targets with less reflection from sensors such as pedestrians, bicycles and motorcycles, the function may not be triggered.
- For vehicles with high chassis or excessively long tailboard, the system may not be able to send an alarm in time.

- Camera imaging ability is affected, including but not limited to:
 - Night and severe weather (such as heavy rain, snow, heavy fog, dust) cause poor visibility.
 - Strong light, backlight, water reflection, extreme contrast of light.
 - Camera is blocked by soil, ice, snow, or camera performance decreases due to high temperature or extremely cold extreme weather conditions.
- Sensor detection ability is affected, including but not limited to:
 - Sensor is affected by surrounding environment (such as electromagnetic field interference, underground parking lots, tunnels, tracks, construction area, width/height-limited rack), sensor is blocked by soil, ice, snow, or sensor performance decreases due to high temperature or extremely cold extreme weather conditions.

 **WARNING**

- Front collision warning is a driving assistance function, which cannot substitute for driver's observation and judgment of traffic conditions as well as the driver's responsibility for safety driving.
- The driver has the highest priority of vehicle control. The front collision warning function may stop the alarm when the driver quickly rotates the steering wheel or depresses brake pedal to avoid interfering with the driver's operation.
- The driver should not completely rely on front collision warning, and should not intentionally test or wait for triggering function. Due to inherent limitations of system performance, triggering by mistake or and missing triggering cannot be completely avoided.
- Before driving, the driver must make sure that there are no low obstacles around the vehicle that may affect safety, in order to avoid accidents caused by obstructed vision.
- When the front collision warning is triggered, the driver needs to immediately determine whether to take braking measures according to the current road conditions.
- Due to the complex driving environment of real-time traffic conditions, roads and weather etc., the sensor and camera cannot guarantee correct detection under various conditions. If the sensor and camera fail to detect obstacles ahead, the front collision warning will not be triggered.

Autonomous Emergency Braking (AEB)

When the vehicle speed is between 4 km/h and 50 km/h, the vehicle detects a stationary vehicle or a lorry ahead and the system determines that collision is inevitable, or when the vehicle speed is between 4 km/h and 85 km/h, the vehicle detects a moving vehicle in the same direction or a lorry ahead and the

6. ASSIST DRIVING

system determines that collision is inevitable, or when the vehicle speed is between 4 km/h and 60 km/h, the vehicle detects a pedestrian, motorcycle or bicycle ahead and the system determines that collision is inevitable, the autonomous emergency braking system will be activated and the system will apply brake to reduce vehicle speed, so as to avoid or reduce severity of collision.

WARNING

The autonomous emergency braking system will release brake after vehicle speed decreases up to 60 km/h (for example, when the current vehicle speed is 80 km/h, the autonomous emergency braking system will intervene, the brake will be released when the vehicle speed decreases to 20 km/h, then the driver needs to depress brake pedal in time to make sure that the vehicle stops).

When autonomous emergency braking system function is triggered, the instrument cluster or audio system display (depending on the configuration) will prompt the message "Autonomous emergency braking triggered" accompanied with an alarm sound, and the system will take braking measures.

■ In the following conditions, AEB function may be limited or may not operate properly, including but not limited to:

- The autonomous emergency braking system is only suitable for responding to front collisions. When the vehicle is in reverse gear and vehicle speed is lower than 4 km/h, the function will not be triggered.
- The system cannot send an alarm to stationary obstacles on road (such as pile bucket, guardrails and guide plates etc.), oncoming vehicles or lateral oncoming vehicles or vehicles in the adjacent lane line.
- When vehicles pass through scenes such as gantries, tracks or height limit poles, the function may be triggered by mistake.
- When the relative speed difference with the vehicle ahead is significant or the vehicle ahead applies brake suddenly, the system may not be able to send an alarm in time and apply brake.
- Triggering the function may be delayed for vehicles that cut in at close distance or quickly merge into this lane.
- The system may not be able to send an alarm and apply brake in time for targets that can only be detected after this vehicle changes lanes.
- The system detection performance will be limited for targets in curves, and the function may not be triggered.
- For targets with less reflection from sensors such as pedestrians, bicycles and motorcycles, the function may not be triggered.
- For vehicles with high chassis or excessively long tailboard, the system may not be able to send an alarm in time.

- Camera imaging ability is affected, including but not limited to:
 - Night and severe weather (such as heavy rain, snow, heavy fog, dust) cause poor visibility.
 - Strong light, backlight, water reflection, extreme contrast of light.
 - Camera is blocked by soil, ice, snow, or camera performance decreases due to high temperature or extremely cold extreme weather conditions.
- Sensor detection ability is affected, including but not limited to:
 - Sensor is affected by surrounding environment (such as electromagnetic field interference, underground parking lots, tunnels, tracks, construction area, width/height-limited rack), sensor is blocked by soil, ice, snow, or sensor performance decreases due to high temperature or extremely cold extreme weather conditions.

 **WARNING**

- When any of the following situations occur, the autonomous emergency braking system function will not be activated: The driver seat belt is not fastened, the driver door is not closed properly, gear position is not in D, and the electronic stability program system is manually turned off.
- Autonomous emergency braking system is a driving assistance function, which can provide physical deceleration when detecting relevant collision risks, but it cannot completely avoid braking and stopping vehicle or collision and cannot substitute for driver's observation and judgment of traffic conditions as well as the driver's responsibility for safety driving.
- The driver has the highest priority of vehicle control. The autonomous emergency braking system function may not operate when the driver takes active evasive actions such as quickly rotating the steering wheel or fully depressing brake pedal to avoid interfering with the driver's operation.
- The driver should not completely rely on autonomous emergency braking system, and should not intentionally test or wait for triggering function. Due to inherent limitations of system performance, triggering by mistake or and missing triggering cannot be completely avoided.
- Due to the complex driving environment of real-time traffic conditions, roads and weather etc., the sensor and camera cannot guarantee correct detection under various conditions. If the sensor and camera fail to detect obstacles ahead, the autonomous emergency braking system will not be triggered.
- If the autonomous emergency braking system is triggered, brake pedal will move downward quickly, make sure that there are no obstacles under the brake pedal, such as floor mat.

6. ASSIST DRIVING

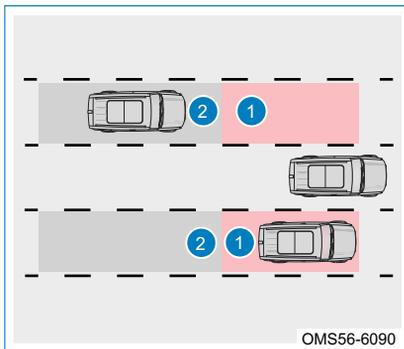
6-8. Blind Spot Safety Assistance

The blind spot safety assistance system has Blind Spot Detection System (BSD), Lane Change Warning System (LCW), Door Open Warning System (DOW), Rear Collision Warning System (RCW) and Rear Cross Traffic Alert System (RCTA) functions.

Blind Spot Detection (BSD) System/Lane Change Warning (LCW) System

The blind spot detection sensor monitors the blind spot of the driver's view field. When a vehicle enters in the area and meets the alarm conditions, it will send alarm to the driver.

The blind spot information system monitors the left and right adjacent lanes of the vehicle. When a vehicle rapidly approaches this vehicle from this area, or when a vehicle enters this area and meets the alarm conditions, it will send an alarm immediately.



The system function is turned on and function is normal without any malfunction. When shift lever is not in R position and vehicle speed is not lower than 15 km/h, BSD/LCW system will be activated.

- 1 Detection area of blind spot detection warning system.
- 2 Vehicle approaches detection area of blind spot detection warning system.

■ Indicator

When BSD/LCW system is turned on and the system performs self-check, blind spot detection LED indicator on outside rear view mirror remains on for 2 seconds and then goes out.

When there is a fault in BSD/LCW function, " " yellow indicator on instrument cluster comes on.

■ Alarm display

When there is a target vehicle entering the blind area on the rear left/right of the vehicle, and the alarm conditions are met, level I alarm is triggered, blind spot detection LED indicator on outside rear view mirror remains on, and yellow light arc appears on the large alarm screen to remind the driver that there are dangerous vehicles behind both sides and pay attention to driving safety until alarm is released. In this case, if driver operates turn signal light on the alarmed side, level II alarm triggers, blind spot detection LED indicator on

outside rear view mirror flashes quickly, and red light arc appears on the large alarm screen to remind the driver of the danger of changing lanes at this time until alarm is released.

CAUTION

- The accumulation of a large amount of snow, ice, and soil etc., near the installation location of the sensor will affect the detection performance of Blind Spot Detection System (BSD).
- When towing or attaching accessories to rear of vehicle (such as a bicycle carrier), it will interfere with the radio waves of sensor and affect the system performance.

WARNING

- Blind Spot Detection (BSD) System/Lane Change Warning (LCW) system only provides assistance to the driver, and in any case, the driver should be responsible for the safety of the vehicle.

Door Open Warning (DOW) System

When the vehicle is parked, the blind spot detection sensor can monitor the adjacent lane behind this vehicle, analyze the movement trajectory of vehicles in the area, and analyze the possibility of the target posing a threat to passenger safety when opening the door based on the vehicle door opening signal. When there is a possibility of collision, timely warning should be given to passengers.

- The system function is turned on and function is normal without any malfunction. Gear position is in P.
- When there is a target vehicle in the left and right detection area, and the corresponding side opening signal is turned off, level I alarm is triggered, and at this time the warning indicator on the corresponding rear view mirror remains on to remind the driver that there are dangerous vehicles behind both sides.
- When there is a target vehicle in the left and right detection area, and the corresponding side opening signal is turned on, level II alarm is triggered, and at the same time the warning indicator on the corresponding rear view mirror flashes and a prompt sound is heard to remind the driver and passenger that pay attention to safety when opening the door.

Rear Collision Warning (RCW) System

When vehicle is driving, there is a fast approaching vehicle directly behind and a rear collision with the vehicle, RCW sounds an alarm to remind the driver of vehicle behind.

6. ASSIST DRIVING

- The system function is turned on and function is normal without any malfunction. Gear position is not in R.
- When a following vehicle quickly approaches the vehicle, illuminate dual flashing to remind the vehicle behind, instrument cluster or audio system display (depending on the configuration) shows text prompt and sound prompt to remind the driver of vehicle behind.

Rear Cross Traffic Alert (RCTA) System

When reversing (vertical space reversing and oblique parking space reversing), rear cross traffic alert system detects the traffic behind the vehicle. If there is another vehicle approaching, the system will send an alarm to remind the driver to pay attention to safety.

- The system function is turned on and function is normal without any malfunction. Gear position is in R.
- When this vehicle speed is lower than or equal to 4 km/h, there is a target vehicle entering the blind area behind the vehicle or the adjacent lane, and alarm conditions are met, yellow light arch appears at the side of vehicle model of display with vehicle entering to inform driver there is a target vehicle approaching and risk of collision exists.
- When this vehicle speed is higher than 4 km/h, there is a target vehicle entering the blind area behind the vehicle or the adjacent lane, and alarm conditions are met, red ripple appears at the side of vehicle model of display with vehicle entering, and a prompt sound is heard to inform driver there is a target vehicle approaching and risk of collision exists.

6-9. Adaptive High Beam Light

Adaptive High Beam Light

Adaptive high beam light assist system can turn on and off high beam light automatically. When driving at night, high beam lights will turn on automatically if there are no ahead vehicles are detected in the opposite or same direction, and related external environment and traffic conditions meet the conditions; If ahead vehicles driving in the opposite or same direction or urban roads are detected, high beam lights will turn off automatically, providing convenience for driver while preventing abuse of high beam lights. Meanwhile, driver can turn on/off high beam lights forcefully by manual operation.

 READ

Adaptive high beam light activation conditions:

- 1. The vehicle is powered on;
- 2. Light switch is in AUTO;
- 3. Low beam light is turned on;
- 5. Vehicle speed is not less than 40 km/h;
- 6. Ambient brightness meets requirements.

After the activation conditions are met, push the light control lever forward to activate the adaptive high beam light function, and the vehicle will automatically adjust the high/low beam light according to the traffic environment. The user pushes the light control lever again, and the adaptive high beam light function exits, illuminating the high beam light forcibly.

 WARNING

Adaptive high beam light is only an assist function. When traffic conditions or weather conditions are met, the driver should manually switch between high beam light and low beam light according to the light and view field. In the following situations, manual intervention must be performed:

- Adverse weather conditions for driving, such as heavy fog or rain and snow.
- When the vehicle is turning sharply or driving on a slope.
- At an intersection or when oncoming vehicles cannot be seen, such as when the light of oncoming vehicles are obstructed by crash barrier or when driving on highway.
- When driving in areas with poor lighting conditions and many buildings.
- When there are traffic participants with poor lighting (such as pedestrians or non-motors) near the road.
- When there are strong reflective objects near the road, such as traffic signs.
- When there is dirt, frosting, or covered by labels around the rain light sensor on the front windshield.

6-10. Tire Pressure Monitoring System

Tire Pressure Monitoring System (TPMS)

TPMS can monitor tire inflation pressure and temperature in real time. When tire inflation pressure is too low or temperature is too high, tire pressure monitoring system alarms.

6. ASSIST DRIVING



When vehicle speed is not lower than 30 km/h for a certain time, tire pressure and temperature values will be displayed.

Low pressure warning

When vehicle is powered on, if tire inflation pressure is not more than 1.85 bar, the system will send a low pressure alarm.

When low pressure warning occurs, the corresponding wheel icon changes to red, the current pressure value is displayed, and tire pressure warning light flashes.

When low pressure warning occurs, inflate the tire to 2.0 bar or more and drive the vehicle for a period of time, low pressure warning will be automatically canceled.

WARNING

When tire inflation pressure is too low, restore the tire inflation pressure to normal value as soon as possible; Low tire inflation pressure will increase power consumption and aggravate tire wear. Serious tire wear may cause a risk of tire blowout.

High temperature warning

When the vehicle is powered on, if tire temperature is higher than 85°C, system will send high pressure warning.

When high pressure warning occurs, the corresponding wheel icon changes to red, the current temperature value is displayed, and tire pressure warning light flashes.

When high temperature warning occurs, after tire temperature is lower than 75°C for a period of time, high temperature warning will be automatically canceled.

WARNING

When high pressure warning occurs, stop driving at once to cool down tires naturally. Otherwise, accidents may be caused. When tire temperature is too high, it cannot be cooled by pouring cold water, as this may damage the tire, causing an accident.

Tire pressure monitoring system malfunction alarm

Tire pressure receiver self-test and initialization fails; Or tire pressure receiver memory access fails; Or the bus is off; Or the sensor ID does not match; Or when the vehicle speed is not lower than 30 km/h and information from four sensors is not received simultaneously for 10 minutes, the tire pressure monitoring system will send system fault warning, and the instrument cluster will display "Tire pressure monitoring system fault" while the instrument cluster "⚠" will remain on.

Possible causes of tire pressure monitoring system fault:

- Configuration learning of tire pressure monitoring system is not performed after replacing wheels.
- Sensor may be affected due to electromagnetic shielding caused by installing tire chains, affecting tire pressure monitoring system proper operation.
- Tire pressure monitoring system components have been damaged, please contact authorized service station for inspection and repair as necessary.
- The tire pressure monitoring system may not work properly due to interference of electronic equipment (over standard equipment) installed on vehicle, resulting false alarm.
- Tire pressure monitoring system may not operate due to radio interference. Tire pressure monitoring system may be interfered temporarily due to strong electromagnetic radio signals with same frequency.

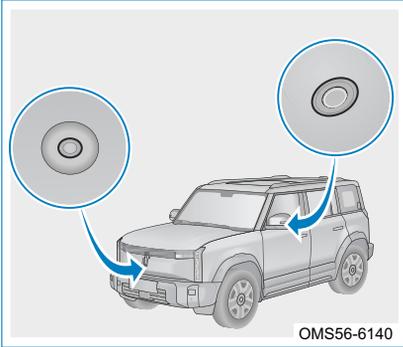
6-11. Panoramic View Monitor System

Panoramic View Monitor System

Panoramic view monitor collects images from front, rear, left and right of vehicle and splices them into a birds-eye view of vehicle surroundings through image processing algorithm, so as to help driver more intuitively confirm the relative relationship between vehicle and parking space as well as surrounding obstacles.

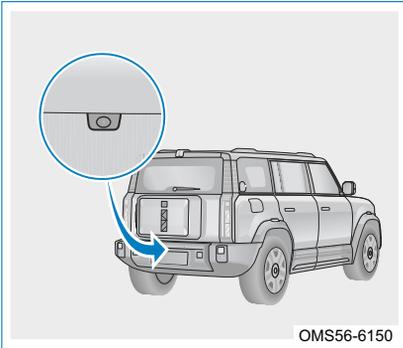
6. ASSIST DRIVING

Camera layout



Installation position of front camera:
Intake grille of front bumper.

Installation position of left/right camera:
Bottom of left/right outside rear view mirror.



Installation position of rear camera:
Upper middle part of rear license plate.

Usage of panoramic view monitor

■ Entering / exiting panoramic view monitor



Entering / exiting method of panoramic view monitor:

- Shift the shift lever to R and enter the panoramic view monitor: When the vehicle is powered on, shift to R: Immediately enter the panoramic reversing mode, while displaying the reverse guideline (including the dynamic reverse guideline). After shifting out of R position, if the vehicle speed is within 30 km/h, it will automatically exit after 15 seconds, or exit the panoramic mode

through OFF button in the upper left corner of the panoramic screen; If the vehicle speed exceeds 30 km/h, it will automatically exit immediately. Within 15 seconds, when the user clicks the front, rear, left and right areas of the panoramic splicing image, the display of the single channel video area can be switched.

- Press the panoramic view monitor switch or voice control to enter the panoramic view monitor: When vehicle speed is within 20 km/h, turn on the panoramic screen by clicking the icon on the navigation head unit screen, or enter the panoramic screen by voice wake-up, and display the forward trajectory line. Click the back button in the upper left corner of the panoramic screen to exit panoramic mode; When the vehicle speed is higher than 30 km/h, it will exit unconditionally.
- Enter panoramic view monitor with turn signal light activation: When the vehicle is powered on and not in R, and vehicle speed is within 20 km/h, turn on the left /right turn signal light to automatically display the panoramic screen. After the turn signal light is turned off for 5 seconds, the panoramic screen will automatically exit; If the vehicle speed exceeds 40 km/h, it will automatically exit immediately. (This function can be turned on/off through the audio system.)
- Enter panoramic view monitor with steering wheel angle: When the vehicle is powered on and not in R, if the steering wheel angle is greater than 180°, the panoramic view monitor will be automatically activated and enter into 2D mode by default; When the angle decreases to less than 45°, it will exit the panoramic screen (This function can be turned on/off through the audio system).
- Enter panoramic view monitor with obstacle activation: When the sensor detects that the distance of obstacle is not more than 50 cm, it will automatically activate the panoramic view monitor (This function can be turned on/off through the audio system).

 CAUTION

The panoramic view monitor system provides intelligent driving assistance convenience, but the object in the image does not reflect the actual size and obstacle distance. Compared to the actual image, the image has a little delay and blind spot. Therefore, the panoramic view function is not a substitute for driver's operation and judgment. Driver should pay attention to the surroundings and drive safely during turning on/off and using the function.

Switching panoramic view monitor system view



Single side view of front/rear/left/right + splicing view and single side view can be switched.

 Front wide angle view button

Click to switch to front wide angle view.

 Rear wide angle view button

 Transparent chassis button

Click to turn on/off transparent chassis function.

 Rear view mirror adjustment

Click to enter rear view mirror adjustment setting.

 Taking photos

Click to take photos.

 Album

Click to enter album.

 Setting button

Click to pop up the setting item menu.

Click to switch to rear wide angle view.

 3D view button

Click the specific view angle button around the top view of vehicle to switch the corresponding 3D view. 3D view can be switched to any view angle by sliding.

READ

The panoramic view monitor system is very helpful for parking and safety driving. It is recommended that the driver should be familiar with this function in an open and convenient area.

⚠ CAUTION

- Do not scratch the lens when cleaning dirt or snow on the camera surface.
- Before using panoramic view monitor system, make sure to extend outside rear view mirrors and close the back door firmly.
- The object distance seen from the panoramic view monitor system is different from the actual distance.
- The camera is installed on the front grille, outside rear view mirror and above the rear license plate. Do not place anything on the camera.
- It is not recommended to use the panoramic view monitor system when outside rear view mirror is in folded position. Make sure that back door is firmly closed when using the panoramic view monitor system to operate the vehicle.
- The panoramic view monitor system has been calibrated professionally before leaving the factory. Any removal/installation and changes on camera installation position and angle without permission may affect the function and effect of panoramic view monitor system.
- The panoramic view monitor system provides intelligent driving assistance convenience, but the object in the image does not reflect the actual size and obstacle distance. Compared to the actual image, the image has a little delay and blind spot. Therefore, the panoramic view function is not a substitute for driver's operation and judgment. Driver should pay attention to the surroundings and drive safely during turning on/off and using the function.

Rear view mirror adjustment



- Auto flipping in locking: ON/OFF.
- Fold the outside mirror: Click once to switch between fold/extend.
- Steering wheel left/right button: Adjust the angle of the rear view mirror lens to up/down/left/right.

Setting panoramic view monitor system



- Steering wheel activation: ON/OFF.
- Obstacle activation: ON/OFF.
- Turn signal activation: ON/OFF.
- License plate number display: ON/OFF.
- Auto enlarged view: ON/OFF.
- Radar shield: ON/OFF.

6-12. Parking Radar System

Parking Radar System (If Equipped)

Parking radar system adopts digital sensors to detect distance on base of ultrasonic technology. It can presents driver the distance between front/rear of the vehicle and objects, and give voice prompts and image display to reduce personnel injury and vehicle damage caused by forward and backward driving.

Parking radar system consists of sensor, audio head unit and alarm device, etc.

System information display

- After the vehicle is powered on, and shift the shift lever to D or R to activate parking radar system; When a sensor detects an obstacle, audio head unit displays distance from obstacle (red, yellow, green areas) accompanied by alarm sound.

READ

- When sensor is malfunctioning, parking radar system will sound for 2 seconds when it is turned on. When parking brake is applied or shift the shift lever to P, sensor malfunction warning sound will be shielded.
- When parking brake is applied, only the radian information is displayed in audio head unit, and prompt sound does not sound; When the shift lever is shifted to P, the parking radar will not detect in standby mode.

CAUTION

When distance between parking radar and obstacle is 20 cm or less, the object may not be detected. Driver should pay attention to the surroundings and drive safely.

⚠ WARNING

- Parking radar system only provides assistance for the driver, and does not operate properly under all driving conditions, weather conditions, traffic conditions or road conditions.
- The driver must control vehicle, monitor and manage parking radar system, and operate as needed in the whole process;

Function limit

■ Parking radar system may not work normally in the following conditions:

- Sensors cannot detect thin objects such as wires, fences and ropes, etc.
- Sensors cannot detect low objects such as rocks, etc.
- Sensors may not detect objects that are higher than bumper.
- Sensor cannot detect objects that easily absorb ultrasonic waves such as soft snow, cotton, sponge, etc.
- When sensor surfaces are frozen, they will not detect any obstacle.
- When sensors are covered by dirt, snow or mud, they may not detect obstacles.
- If obstacles are detected by more sensors, the distances between sensors and obstacles are displayed simultaneously, and system sends sound alarm according to nearest obstacle.
- When vehicle is on a steep slope.
- When vehicle is equipped with a high frequency radio or antenna is in use.
- When there is large noise near the vehicle, such as vehicle horns, motorcycle engines, air brakes of oversize vehicles, or other loud noises producing ultrasonic waves.
- When driving in jelly-like snow or rain.

⚠ CAUTION

- For obstacles out of detection range, sensors will not alarm.
- When moving, be aware the parking radar sensors on the other side may get close to other obstacles.

Cleaning parking radar sensor

When washing vehicle, use a soft cloth or water (low water pressure) to wash off foreign matters such as snow, mud, and dust on the surface of the parking radar sensor.

6. ASSIST DRIVING



High pressure water flow such as water guns or excessive external forces may cause damage to the sensor. Do not pinch or impact the sensor, or it may cause abnormal operation.

CAUTION

If buzzer does not sound when reversing, please go to authorized service station for inspection and repair as soon as possible.

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7. IN CASE OF AN EMERGENCY

7-1. Handling Vehicle in Emergency

Power Battery

When power battery of vehicle touches the ground, vehicle is collided or soaked in water, or power battery case and connector are deformed or cracked seriously, or serious malfunction warning signal (such as battery over voltage, over temperature, poor insulation, thermal runaway alarm and charging socket over temperature) is displayed on instrument cluster, please contact authorized service station for inspection and repair in the first instance.

READ

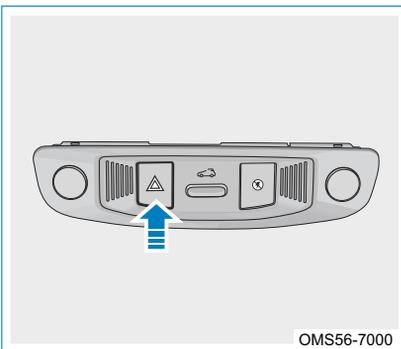
When power battery is low, low power indicator on instrument cluster will come on, reminding you to stop vehicle and charge it as soon as possible. In normal condition, you should decrease vehicle speed when the indicator comes on, and drive vehicle to charging station nearby at a speed of less than 40 km/h. To protect the power battery, the vehicle can normally travel about 10 - 20 km before high voltage system is disconnected automatically by the system.

WARNING

If the above situation occurs, using it continuously may cause vehicle to lose power or other safety risks, please contact authorized service station for power battery inspection and repair in the first instance.

Hazard Light

If the vehicle is stopped at a place where traffic accidents may occur, always turn on hazard lights to warn other vehicle drivers. Stop vehicle at a place as far away from the road as possible.

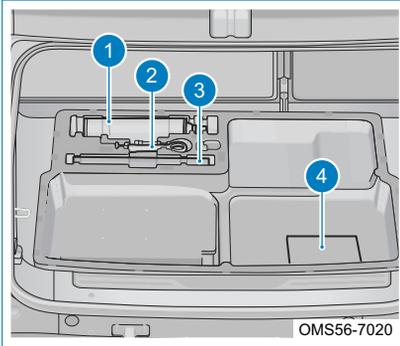


Press hazard light switch to turn on and press it again to turn off.

 READ

- When the vehicle power is turned off, hazard warning light can still work.
- When the airbags operates, the hazard light function is activated automatically.

Luggage Compartment Emergency Spare Tools



- 1 Emergency tire repair liquid
- 2 Towing eyelet
- 3 Warning triangle
- 4 Reflective vest

 READ

The pictures of the spare tools in the luggage compartment are only for examples, and the specific equipment and placement location are subject to the actual vehicle.

Emergency tire repair liquid

If the driver finds that tires are slowly flat on the road, use tire repair fluid to quickly repair tires to avoid further damage to tires and wheels. After emergency treatment with tire repair liquid, please go to authorized service station for further handling as soon as possible.

Towing eyelet

When the driver encounters a sudden failure on the road and needs external force to tow, take out the towing eyelet and install it at the towing eyelet installation position on the front/rear bumper for towing. Refer to "Vehicle Towing" section.

Warning triangle

When the driver encounters a sudden failure and stops the vehicle for repair or when an accident happens, the reflective performance of warning triangle can warn other vehicles to avoid secondary accidents.

Reflective vest

The vehicle is equipped with a reflective vest, which is placed in the storage box under the carpet in the luggage compartment when it leaves the factory. It is recommended to place the reflective vest in the glove box of the instrument panel.

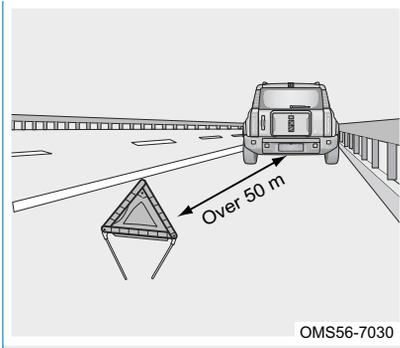
When the driver encounters a sudden failure on the road and stops the vehicle for inspection and repair or when an accident happens, take out the reflective vest from the glove box of the instrument panel, open the package, and wear

7. IN CASE OF AN EMERGENCY

the reflective vest with reflective strip facing outwards. It can warn other vehicles to avoid secondary accidents.

7-2. If You Have a Flat Tire When Driving

If a tire goes flat during driving, slow down gradually, grip the steering wheel with two hands and keep driving straightly. Stop vehicle to a safe place away from the traffic road. Park it on firm and level ground as much as possible. Avoid stopping on center or divider of a highway.



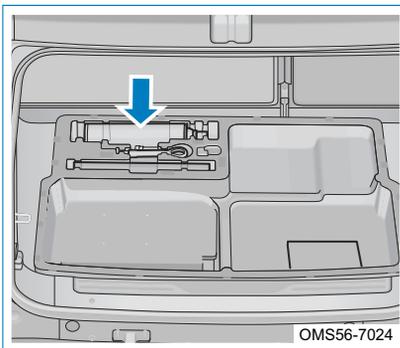
1. Shift the shift lever to P, and apply the parking brake;
2. Turn on the hazard warning light, and turn off the vehicle power;
3. Have everyone get out of vehicle and stay away from traffic;
4. Wear the reflective vest, take the warning triangle out from luggage compartment and place it over 50 - 150 m away behind the vehicle (- depending on actual condition).

CAUTION

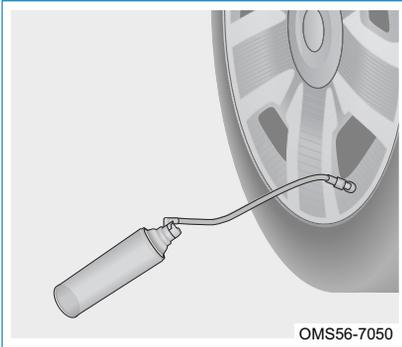
Do not continue driving with a flat tire. Driving even a short distance can damage the tire beyond repair.

Repairing Tire in Emergency

Emergency tire repair instructions for vehicles equipped with automatic inflation tire repair liquid in case of tire leakage:



1. Open back door, lift the luggage compartment carpet and take out the automatic inflation tire repair liquid;
2. Shake the automatic inflation tire repair liquid well before use, and then tear off the safety belt of the junction valve;



3. Tighten the junction valve of the automatic inflation tire repair liquid to the tire valve;
4. Turn the red valve clockwise and place the bottle upside down to start inflating the tire;
5. After the automatic inflation tire repair liquid is filled, close the valve counterclockwise and screw out the junction valve. Then immediately drive for 10 km or more to complete the repair. Please go to the authorized service station or professional tire repair shop for repair or replacement as soon as possible.

Note: Before using the automatic inflation tire repair liquid, please check the validity period indicated on the automatic inflation tire repair liquid tank to ensure that it is used within the validity period.

CAUTION

- The automatic inflation tire repair liquid is a disposable consumable (for one wheel only), you can go to authorized service station for purchase.
- After using the automatic inflation tire repair liquid, it supports the vehicle to drive continuously for 500 km or more. For the first 10 km, please drive at the speed of < 80 km/h. After 10 km, drive the vehicle at normal speed. It is recommended that you go to the authorized service station or professional tire repair shop for repair and replace as soon as possible.

7. IN CASE OF AN EMERGENCY

WARNING

- Avoid the automatic inflation tire repair liquid contacting with the skin or eyes and keep it out of the reach of children.
- If you continue to drive the vehicle in the case of tire puncture and air leakage, it is easy to have tire blowout, endangering personal safety.
- The automatic inflation tire repair liquid is used for repairing tread puncture repair, other parts such as shoulder, sidewall and valve nozzle damage are not in the scope of repair.
- When it is required to pull out the puncture object before repairing, make sure to move the vehicle slightly so that the puncture hole is facing downward at 6 o'clock position before filling the tire with automatic inflation tire repair liquid.
- If the automatic inflation tire repair liquid splashes onto the tire or rim during use, wash it with clean water or wipe it with cloth; if the liquid accidentally gets into your eyes, please wash with clean water and seek medical attention immediately.
- When the product is used in (-40 ° C -0 ° C) ambient temperature, please warm up the product to 0 ° C or more at the heater in the vehicle to increase the filling efficiency of the automatic inflation tire repair liquid.
- The effective puncture repair diameter for automatic inflation tire repair liquid is ≤ 6 mm, within which the puncture object can be pulled out for repair; when the puncture diameter is > 6 mm, please contact the authorized service station immediately.
- After using the automatic inflation tire repair liquid, immediately drive the vehicle for 10 km or more. Never stop and stay. Please go to the authorized service station or professional tire repair shop for repair and replace as soon as possible.
- The storage temperature of automatic inflation tire repair liquid is -40 ° C - 70 ° C. It is forbidden to store in the vehicle under direct sunlight; and it is forbidden to contact with open fire; please be sure to store it in the tool box securely according to the requirements, and do not put it in the cabin.

7-3. Replacing Fuse

Fuse

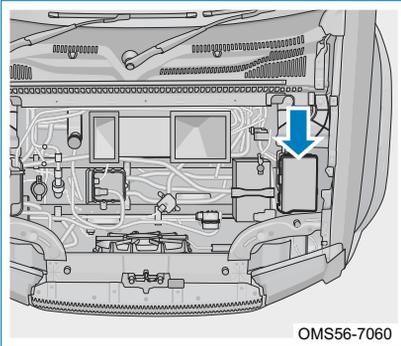
Fuses are used to protect electrical circuits and appliances from overload. If any electrical appliance does not operate, it may be caused by a blown fuse. If this happens, check and replace the fuses as necessary.

 READ

- Check suspected fuses according to the fuse and relay layout.
- To prevent damage to the vehicle, be careful when removing/installing the instrument panel storage box. Please contact the authorized service station as necessary.
- The fuse box must be clean, keep it away from dampness when opening, as dirt and moisture may damage the electrical system.

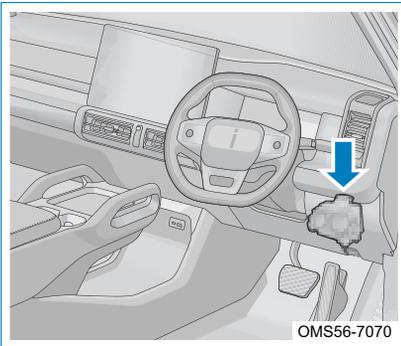
Fuse and Relay Box Layout

■ Front compartment fuse and relay box



1. The vehicle power is off;
2. Disconnect the 12 V negative battery cable;
3. Remove the front compartment fuse and relay box cover to inspect or replace the fuse.

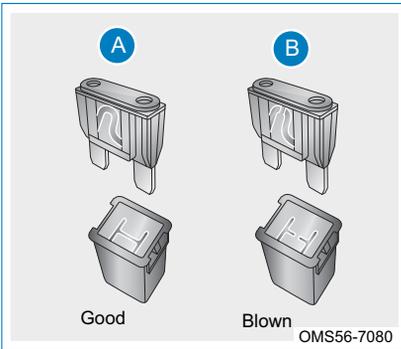
■ Instrument panel fuse and relay box



1. The vehicle power is off;
2. Disconnect the 12 V negative battery cable;
3. Remove the instrument panel left lower protector assembly to inspect or replace the fuse.

7. IN CASE OF AN EMERGENCY

Checking Fuse



If electrical appliances do not work, please check the relevant fuses.

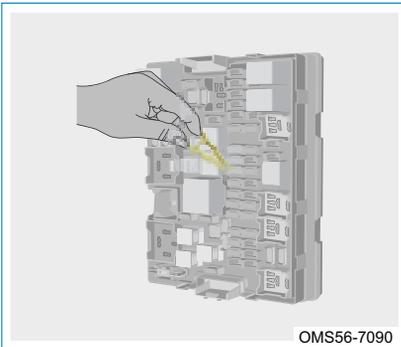
Check if the fuse is normal according to the illustration.

- A Good fuse.
- B Blown fuse.

READ

If the fuses are blown, they must be replaced.

Replacing Fuse



1. Turn off all the electrical appliances and start switch;
2. Check suspected fuses according to the fuse and relay box layout;
3. Pull the suspected fuse out by a fuse remover;
4. Check if the fuse is blown. If you are not sure whether the fuse has blown, replace the suspected fuse with spare fuse that has the same model and amperage rating;
5. The fuse model and amperage rating can be found in the fuse definition of user manual.

If a spare fuse is unavailable, you can use a fuse with the same specification from other unimportant electrical appliances (such as multimedia) in an emergency.

It is better to purchase a set of spare fuses and put them in vehicle for emergency use.

⚠ CAUTION

- Do not modify fuse or fuse box.
- Never use a fuse with a higher amperage rating, otherwise electrical appliances may overload. If the fuse with specified amperage rating is still blown, it indicates that there is a malfunction on circuit. Please contact the authorized service station for inspection and repair immediately.
- Never replace a fuse with a wire, even as a temporary replacement. Otherwise, this may cause serious damage to electrical appliances, or even fire.

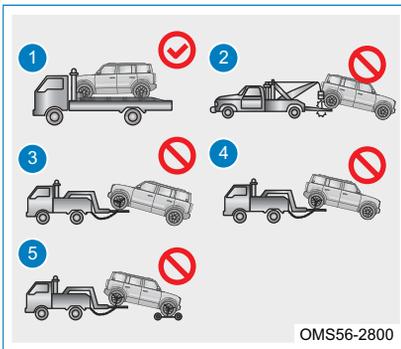
⚠ WARNING

Only install an original fuse that has same amperage rating and model as used one.

7-4. Vehicle Towing**Vehicle Towing Precautions**

Use a safety chain system for all towing, and abide by the national/provincial and local laws and regulations.

If the vehicle needs to be towed, it is recommended to contact authorized service station or professional towing services department, or ask for help from the roadside rescue service organization you have joined.

■ Using platform trailer

Please use **1** platform rescue vehicle to load your vehicle.

Tow with four wheels off ground. Do not use the dragging method **2** **3** **4** **5** shown in the figure.

Before towing, shift the gear position to N, release parking brake, turn on hazard warning light, and close the doors.

During towing, nobody is allowed to seat in the towed vehicle.

7. IN CASE OF AN EMERGENCY

⚠ CAUTION

- No person or object is allowed behind the trailer when the vehicle is pulled onto the platform rescue vehicle, otherwise it may cause personal injury or death.
- The vehicle can only be towed away from the site if there is no safety risk. If the vehicle power battery pack has deformation, leakage, smoke, etc., the safety risk should be solved first.

Emergency Towing Vehicle

If flatbed truck is not available during towing, your vehicle may be temporarily towed using a towing eyelet. This should only be attempted on hard surfaced road for short distances at low speed.

⚠ WARNING

Towing must comply with local laws about towing.

Towing the vehicle

When towing the vehicle, driver must be in towed vehicle to operate steering wheel and brake pedal, and wheels, axle, steering, brake, drive train, light system (turn signal lights, brake light) must be in good condition.

Specific method is as follows:

1.



Before towing, you need to turn on towing mode through head unit display.

After the towing mode is turned on, the vehicle is switched to N automatically. To avoid accidents caused by vehicle rolling, please make sure that the vehicle is in stationary state.

⚠ CAUTION

If it is not possible to enter towing mode or shift into N and parking brake is released, do not use a towing rope to tow the vehicle.

2. Turn on hazard light and wait for towing.

The towing speed should not exceed 30 km/h, and the towing distance should not exceed 50 km.

⚠ CAUTION

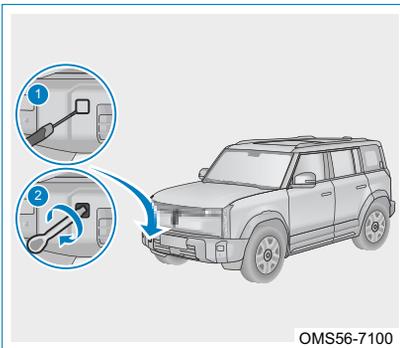
- If the vehicle cannot be powered on to enter the READY state, the power system will not function, making steering and braking operations more difficult. Reduce the vehicle speed during towing as much as possible.
- During towing, pay attention to the brake lights of the vehicle ahead and maintain a reasonable distance to avoid slack in the towing rope.
- Do not use a rope to tow the vehicle on long downhill road.
- Do not tow the vehicle backwards.

Towing other vehicles

Turn on the hazard light while towing, and follow local regulations and laws. Start driving slowly until the towing rope is taut, then accelerate carefully.

⚠ CAUTION

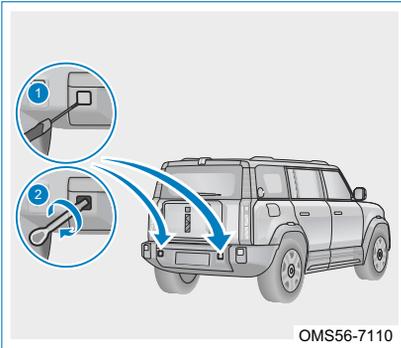
- Never tow a vehicle heavier than this vehicle, otherwise the vehicle may be damaged.
- Avoid sudden starting or unstable driving operation. Otherwise the towing eyelet and towing rope will be subjected to excessive tension.
- Do not use a rope to tow the vehicle on long downhill road.
-

Installing Towing Eyelet**■ Installation position of front towing eyelet**

- 1 Use a screwdriver with its tip wrapped with tape to remove the towing eyelet hole cover;
- 2 Install towing eyelet into eyelet hole in a clockwise direction. Then tighten it firmly with wheel bolt wrench.

7. IN CASE OF AN EMERGENCY

■ Installation position of rear towing eyelet



- 1 Use a screwdriver with its tip wrapped with tape to remove the towing eyelet hole cover;
- 2 Install towing eyelet into eyelet hole in a clockwise direction. Then tighten it firmly with wheel bolt wrench.

CAUTION

- Only use specified towing eyelet. Otherwise, vehicle may be damaged.
- Towing rope or towing bar can be installed only when towing eyelet is installed in place.
- Both drivers must be familiar with the towing process, otherwise they cannot carry out towing work.
- Drive the vehicle slowly and smoothly when towing. Impact due to excessive tension may damage the vehicle.

WARNING

Make sure that towing eyelet is installed securely. Otherwise, the towing eyelet may come loose when towing, causing vehicle damage and even endangering personal safety.

Towing Rope

The towing rope should be flexible to protect the vehicle. It is recommended to use synthetic fiber ropes or ropes made of similar elastic materials.

The towing rope can only be installed to the designated towing eyelet on the vehicle.

Be careful not to damage the vehicle body when installing the towing rope. The distance between the towing vehicle and towed vehicle should be greater than 4 m and less than 10 m.

A cable flag should be tied in the middle of the towing rope. When towing at night, try to use a towing rope with reflective materials to increase warning effects.

⚠ CAUTION

- The towing rope should be prepared by yourself.
- Do not use a steel wire rope for towing, as it can easily cause vehicle damage.

Vehicle Stuck or Touching Ground

When driving on snow, mud, sand, and other terrains, it is easy to get stuck or touch the ground, so drive carefully.

If the vehicle gets stuck, try the following operations:

1. Stop the vehicle and apply parking brake.
2. Remove the mud, snow or sand around the stuck tires.
3. Place wooden blocks, stones, or other materials to help the tires to gain adhesive force.
4. Release the parking brake and choose an appropriate driving mode. Carefully accelerate to get the vehicle out of the pit.

⚠ WARNING

When getting out of the pit, pay attention to the followings:

- Ensure that the surrounding area is spacious and clear to avoid hitting other vehicles, objects, or persons.
- Extra care should be taken as the vehicle may suddenly move forward or backward the moment it is out of the pit.

If the vehicle is trapped or touching the ground and the vehicle cannot be extricated by the above methods, please contact professional rescue or the authorized service station for assistance.

7. IN CASE OF AN EMERGENCY

WARNING

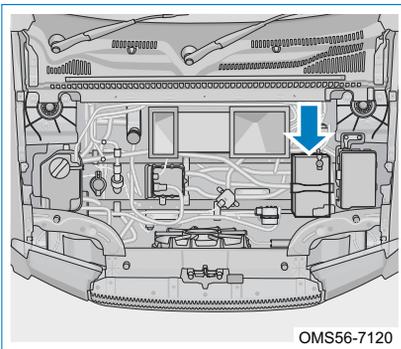
When towing for rescue, please follow the following precautions, otherwise it may easily cause vehicle damage or even endanger personal safety.

- When using the towing eyelets for towing, a cable flag must be tied in the middle of towing rope to prevent the towing eyelets or towing rope from breaking and rebounding, causing vehicle damage or even endangering personal safety.
- Do not tow from the side or at a vertical angle; the optimal angle for using towing eyelets is within 5° up and down, and 25° left and right.
- Ejection towing is prohibited; the initial towing speed must not exceed 5 km/h (start the vehicle and drive slowly until the towing rope is taut).
- When towing with towing eyelets, the towing traction must not exceed your own vehicle weight.

7-5. If Battery is Depleted

Your vehicle is equipped with 12 V maintenance free lead-acid battery. If the battery is depleted due to the end of its service life, or due to improper use or negligence, it is necessary to remove and replace the battery, or perform a jump start.

Removing Battery



The following steps must be followed when removing and installing the battery:

1. Turn off the vehicle power, and open the front compartment cover;
2. Remove the battery negative (-) terminal cable first;
3. Then remove the battery positive (+) terminal cable;
4. Remove the battery holder and the battery;
5. Install a new battery that has same specification as used one. Install the new battery properly in the reverse order of removal. First connect positive (+) cable, and then connect the negative (-) cable.

 ENVIRONMENTAL PROTECTION

The used battery contains sulfuric acid and lead and should not be disposed at will. Please handle according to the local laws and regulations or discard at a local qualified waste disposal station.

 CAUTION

Be careful to avoid the metal tool contacting both electrodes of the battery at the same time or touching the positive electrode and the vehicle body at the same time.

 WARNING

- Do not leave battery within the reach of children.
- Do not smoke, use matches, cigarette lighters or open flames near the battery.
- Always wear gloves and safety glasses during operation, as battery acid is strongly corrosive. Do not lean on the battery.
- If acid spills on your skin or clothes, the liquid must be neutralized with alkaline water (soap), and then wash it with clean water. Get emergency medical attention immediately if necessary.

Jump-starting

To avoid vehicle damage or personal injury due to improper operation, if you are unsure about how to follow the procedure, our company strongly recommends that you seek help from professional serviceman or authorized service station.

 CAUTION

Only batteries with the same nominal voltage (12 V) can be connected. Use jumper cables with insulation clips and cables with appropriate size. Do not remove discharged batteries from the vehicle system.

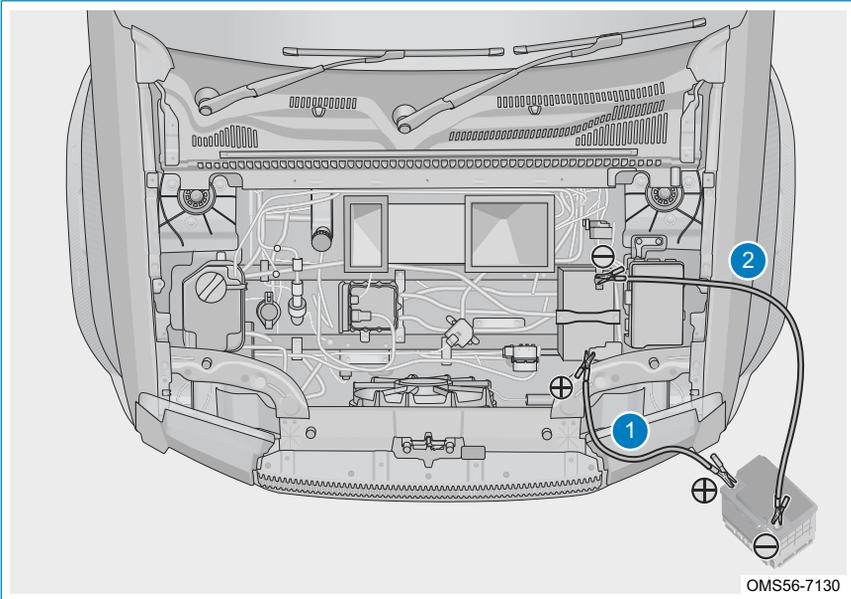
 WARNING

- The specified jumper cables should be used.
- Never get close the battery during vehicle starting.
- Do not use cigarette lighters or allow open flame near the 12 V battery.

Jump-starting procedures

1. Turn off all unnecessary electrical appliances. If booster battery is installed in another vehicle, make sure of no contact between vehicles.
2. Connect cables in order shown in illustration below.

7. IN CASE OF AN EMERGENCY



- 1 Connect positive (+) terminal of discharged battery to positive (+) terminal of supporting vehicle battery with positive cable.
- 2 Connect one end of negative cable to negative (-) terminal of supporting vehicle battery, and then connect the other end of the cable to unpainted metallic part of discharged vehicle (or battery negative (-) terminal of discharged vehicle) to secure the jumper cable.
3. Verify that the jumper cable does not interfere with the running parts of the vehicle.
4. After starting the discharged vehicle, you should wait for more than 3 minutes in the READY state.
5. Disconnect cables in reverse order of connecting (negative cable first and then the positive cable).

CAUTION

- Do not lean on the battery when connecting.
- During connecting, do not shift to D position to ensure that the vehicle is in the parking state.
- Never allow the clamps of the jumper cables to contact with each other or touch other metal parts of the vehicle.
- If the first starting attempt is not successful, check that if clamps on jumper cables are tight and restart vehicle in normal way. If it still cannot start, please contact the authorized service station for inspection and repair as soon as possible.

7-6. Accident Handling

Drive Motor or Motor Controller Too Hot

Vehicle overheating actually means that the coolant temperature is too high. If the motor and controller overheating indicator on the instrument cluster comes on, it means that the drive motor is overheated, which should be handled according to the following procedures:

1. Run safely off the road to safe place, stop and turn on hazard warning light, shift the shift lever to P. Turn off the air conditioning if it is being used.
2. Visually check radiator, hoses and underneath of the vehicle for obvious coolant leakage. However, if there is water dripping from the air conditioning in use, it is normal.
3. If coolant leaks, stop using the vehicle immediately and contact the authorized service station for inspection and repair as soon as possible.
4. If there is no obvious water leakage, check coolant reservoir. If it has run out, add coolant to the coolant reservoir to keep the coolant level between MAX and MIN lines.
5. If there is no coolant leakage and the antifreeze level in the coolant reservoir is normal, please contact the authorized service station for inspection and repair as soon as possible.
6. Once the coolant temperature drops to normal, check the coolant level in the coolant reservoir again. Add again as necessary. Severe coolant loss indicates a leakage in the system, contact the authorized service station for inspection and repair.
7. After parking in summer, the cooling fan often runs automatically or even does not stop for a long time, which is normal. When the temperature of the drive motor or motor controller decreases to the operating temperature without the cooling fan, the cooling fan will be automatically turned off.

 **WARNING**

To avoid personal injury, keep front compartment cover closed until there is no steam. The steam or outflow of coolant indicates high pressure. Keep personnel away from the moving cooling fan.

Vehicle in a Collision

If the vehicle is in the event of a collision (including front, rear, left, right collisions and ground collisions of the body), turn off the vehicle immediately after stopping the vehicle steadily and evacuate the passengers.

- If there is a collision, the vehicle control system will cut off the high voltage system, the "READY" indicator on instrument cluster goes off, and the

7. IN CASE OF AN EMERGENCY

vehicle cannot be driven, please contact the authorized service station immediately for inspection and repair.

- Do not touch the vehicle if the damage to the vehicle cannot be estimated. Keep away from the vehicle and contact the authorized service station for inspection and repair immediately. Be sure to inform the emergency persons who come to deal with the accident at the first time that the vehicle is an electric vehicle. Do not allow any other person to approach, contact or move the vehicle.
- In any case, it is forbidden for any person to repair the vehicle when the vehicle is not completely powered off.
- Check whether the high voltage components and wire harness of the vehicle are damaged or exposed (the location can be determined through the high voltage component layout diagram). In order to avoid personal injury, do not touch high voltage wire harness, connectors and other high voltage components (motor controller, power battery etc.). Never touch damaged and exposed wire harness, to avoid the risk of high voltage electric shock. In particular, if there is a scratch between the vehicle chassis and the ground, check the high voltage wire harness distributed on the chassis for damage carefully. If any high voltage cables or components need to be touched, please wear insulation protective clothes (including insulation gloves, insulation shoes, and insulation clothes) with a withstand voltage of more than 1000 V.
- If the drivers and passengers are trapped in vehicle, please try to cut the vehicle after the professionals confirmation, and do not come into contact with the high voltage cable during cutting (the surface of the high voltage cable is yellow or orange-yellow).
- If the vehicle needs to be repaired or painted after impact, it is necessary to contact the authorized service station for treatment, and do not remove without permission. High voltage components such as power battery, high voltage wire harness and motor controller need to be removed before painting. As the power battery is exposed to the painting operation room with a high temperature, it will affect the service life of power battery. In addition, if the power battery on the vehicle is not removed, it may cause safety hazards to the serviceman who has not been professionally trained in electric vehicle maintenance.

Vehicle Catches Fire

If the vehicle is on fire, turn off the vehicle immediately after stopping the vehicle steadily and evacuate the passengers to leave the vehicle quickly, and call the fire department according to the site situation. Perform following operations conditionally under the condition of ensuring personal safety:

1. If the power battery wire harness smokes and catches fire, use a carbon dioxide or dry powder fire extinguisher to spray it.

2. If the power battery catches fire, use a high-pressure water gun to extinguish the fire from a distance.
3. If someone accidentally inhales thick smoke, please transfer the person and seek medical attention as soon as possible.
4. Contact the authorized service station immediately to obtain further handling opinions.

 **WARNING**

Electrolyte leakage or damage to the power battery may cause a fire. If this occurs, please contact authorized service station for inspection and repair immediately. Do not touch the leaked electrolyte with your hands. If the electrolyte accidentally contacts with skin or eyes, please flush with a great quantity of water and get emergency medical attention immediately. If the vehicle catches fire, please leave the vehicle immediately, and be sure to use a high pressure water gun to extinguish the fire.

Vehicle Wading

Turn off the vehicle power and leave in time when the vehicle is submerged in water in part or in whole. If there are no bubbles or sizzle during salvaging, the salvage work can be performed. If there are bubbles or sizzle, the salvage work only can be performed after there are no bubbles or sizzle. Using specialized equipment, operate salvage work by specialists.

Get Out Of a Trap

When the vehicle gets stuck in snow, muddy puddles or other soft roads, please refer to the following steps to get out:

1. Turn the steering wheel left and right, create a space around the front wheels.
2. The vehicle moves forward and backward repeatedly, minimizes wheel idling, and depress the accelerator pedal lightly.
3. If you cannot get out of trouble after several trials, towing vehicle is needed.

 **WARNING**

Before getting out of a trap, check for people or obstacles around the vehicle, as the vehicle may suddenly move forward and backward during operation, which may cause damage.

To avoid damaging the motor and other parts, try to avoid idling of the wheels when trapped, pay attention to the speedometer, and prohibit the vehicle speed exceeding 50 km/h or continuous idling for 30 seconds.

7. IN CASE OF AN EMERGENCY

WARNING

If the wheels are idling at high speed, the tire may blow out, resulting in injury, and the drive motor or other parts of the wheels may overheat, causing the front compartment to catch fire or other damage.

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8. MAINTENANCE

8-1. Repair and Maintenance

Repair and Maintenance

There are two types of repair and maintenance: One is normal maintenance, which can be done by the customers; the other is scheduled maintenance, inspection and repair, which needs to be completed by authorized service station.

For the details of regular maintenance, inspection and repair methods, please refer to "Regular Maintenance" in this section; Regular maintenance can be helpful for you to find and eliminate potential dangers in time to prevent malfunctions. Scheduled maintenance of your vehicle is essential. Please strictly follow the maintenance schedule of "User Manual" to perform maintenance, ensuring that your vehicle maintains the best performance and good operating conditions, thus effectively extending the service life of the vehicle.

Please use the recommended fluid, or your vehicle may be damaged.

Authorized Service Station is at Your Service

Authorized service station

Only OEM parts and materials can extend your vehicle's service life. We only supplies OEM parts to authorized service station located worldwide. Therefore, only OEM parts from authorized service station can be used.

Authorized service station offers a professional service. For vehicle service, please remember that your authorized service station knows your vehicle best, and has the professional technicians and OEM parts to complete the job to the highest standard.



ENVIRONMENTAL PROTECTION

Used drive motor gear oil, brake fluid, coolant, steering fluid (if equipped), batteries and tires should only be disposed of by qualified waste disposal agencies or after consultation with manufacturers, and should not be taken out with household waste or disposed of into the communal drainage system.

Service arrangements

When go to authorized service station for vehicle service, make sure to carry all required documents. Not all the work to be performed is covered by the warranty. For detailed expenses, consult your service advisor. Keep a service record on your vehicle. Usually, this record can provide valuable reference information.

Prepare a list sheet covering vehicle malfunctions and specific service items. If you have had an accident or any item serviced is not included in the service records, let your service advisor know.

If you list many service items and you must fetch your vehicle on the day, communicate with your advisor to rank the items by priority.

Reading Vehicle Identification Code Information

The vehicle Identification code information can be readout by installing the malfunction diagnosis device, used for inspections and maintenance.

Do not install electrical components other than the diagnosis device to the connector. Doing so may cause unexpected problems to occur, such as having a bad effect on electronics or damaging the battery.

Safety Check

It is better to perform a safety check before driving vehicle, which will improve your driving safety and enjoyment.

WARNING

While inspecting vehicle, do not start the vehicle.

Daily check

Check whether paint surface is scratched, light shade is damaged, body is tilted, wheel bolts are missed or loosened, water/oil leakage of chassis occurs, door/hood/back door/glass is damaged.

Check that Drive Motor Gear Oil level, brake fluid level, coolant level, steering fluid level (if equipped) and windshield washer fluid level is normal.

Check cold tire pressure and conditions (such as: wear, swelling, aging cracks, mechanical damages, etc.). Also check the spare tire.

Check whether seat belt buckles fasten securely. Make sure belts are not worn or frayed.

Check whether lighting of lights is normal.

Check whether meter indicators are normal.

Monthly check

Clean vehicle surface, inside of front compartment cover (dust on surface of radiator and condenser, and remaining oil of drive motor body), vehicle interior and luggage compartment.

Check assembly, pipes, hoses and tanks for leaks; Check whether battery and cable are corroded and loosened; Check whether circuits are damaged, loosened or disconnected; Check that no water/oil leakage has occurred.

Check whether air condition is operating properly.

8. MAINTENANCE

Check whether parking brake is operating properly.

Check whether spare fuses and spare tools (such as: jack, wheel bolt wrench, etc.) are equipped.

READ

Used Drive Motor Gear Oil, brake fluid, coolant, batteries and tires can be disposed only by qualified waste disposal agencies, or consult supporting manufacturers for disposal of them. It is not permitted to dispose of them with household waste or discharge them into public drainage system.

8-2. Normal Maintenance

Normal Maintenance

Normal maintenance refers to simple maintenance that can be done by the customer. If you do it by yourself, please be sure to follow the proper maintenance procedures in this section.

This section only lists the simple maintenance instructions. However, there are still many items that have to be maintained by qualified technicians with special tools at authorized service station. Please contact authorized service station when necessary.

ENVIRONMENTAL PROTECTION

Used Drive Motor Gear Oil, brake fluid, coolant, steering fluid (if equipped), batteries and tires should only be disposed of by qualified waste disposal agencies or after consultation with manufacturers, and should not be taken out with household waste or disposed of into the communal drainage system.

CAUTION

- Check for any tools or cloths that may have been left behind before closing the hood.
- Do not drive vehicle with the air filter removed, otherwise, excessive drive motor wear may be caused.
- Correctly add fluid to the appropriate level. If some fluid splashes onto the vehicle body, be sure to immediately wash it off with a wet cloth, avoiding damaging painted surface.

⚠ WARNING

- If the drive motor is very hot, do not open the coolant reservoir cap to prevent scalding injury.
- When the drive motor is running, keep hands, clothing and tools away from drive motor drive belts and cooling fan.
- Do not smoke near battery, otherwise, it may cause sparks or open flames, resulting in a fire.
- There is a high voltage in the electronic ignition system. Do not touch these components while the drive motor is running or the vehicle power is in ON mode.
- The vehicle that just stopped, drive motor, radiator, exhaust manifold and cylinder head will be very hot, so never touch them. Prevent any loose clothing from getting caught in the fan and causing personal injury because the cooling fan may automatically start and run at any time.

Vehicle Storage

Vehicles should be stored in a cool, ventilated, clean and dry environment. If the vehicle is parked in a closed and humid environment for a long period of time, it will accelerate the rusting and aging of vehicle parts. Please carry out regular maintenance on the vehicle in accordance with the recommendations and requirements in the instruction manual.

Vehicle Corrosion Prevention

- The most common causes of vehicle corrosion are:
 - The underbody of the vehicle is covered in salt, dust and moisture.
 - The vehicle or some of its parts are exposed to high humidity and high temperature for a long time.
 - The paint layer or under layer is scratched by minor collision or by stones and gravel.
- To prevent vehicle corrosion, the following criteria should be observed:
 - Wash the vehicle frequently.
 - If driving on saline roads in winter or living in coastal areas, wash the landing area of the vehicle at least once a month, and clean the front wheel cover with a water cannon or steam to reduce corrosion. Wash the chassis thoroughly after winter.
 - Check body paint and trims.
 - If any chip or crack is found on the paint, it must be repaired immediately to prevent corrosion. If fragments or cracks peel off from the metal surface, please go to a Chery New Energy authorized dealer or service provider for repair.

8. MAINTENANCE

- Check the interior compartment.
 - Moisture and dust will accumulate under the carpet and cause corrosion. Check the undersides of carpets frequently to make sure these areas are dry.
 - Special care should be taken when transporting chemicals, detergents, fertilizers, salt, and other substances, and such substances should be kept in appropriate containers for transportation. If spillage or leakage is found, clean immediately and keep dry.
- Use of fenders.
 - Fenders can protect vehicles in saline areas or on gravel roads. The fenders that bigger and closer to the ground are recommended.
- Park in a well-ventilated and dry area.

Service and Maintenance of Power Battery

The power battery is an important part of the vehicle, so please pay attention to the following matters and restrictions during use:

- Do not park the vehicle in excessively high or low temperatures.
- Do not park your vehicle in areas where there is a source of heat.
- Avoid prolonged parking and use the vehicle at least once a month.
- The power battery needs to be fully charged at least once a month to ensure the life of power battery.
- Vehicles need to be kept dry and avoid prolonged parking in wet conditions, such as waterlogged parking areas etc.

WARNING

- Non-professional should not touch, move, or disassemble the power battery, the corresponding high voltage cables, or other parts with high voltage warning signs.
- When the vehicle or power battery is on fire, quickly move away from the vehicle to a safe distance and use a fire extinguisher designed for electric fires, as the use of water or an incorrect fire extinguisher may result in electric shock.

Service and Maintenance of Battery

The service life and function of the battery is affected by many factors, such as discharging, driving style, driving conditions, weather conditions, etc.

- If the vehicle is parked for a long time, disconnect negative battery cable after performing high voltage power-off, and charge the vehicle regularly, so that the vehicle power is maintained at 50% to 70%. It is recommended to check the power regularly and use the vehicle at least once a month.

- Check if the battery cables are properly connected and securely fastened.
- If the battery is fully discharged several times, its service life may be shortened. Keeping the low voltage battery fully charged will help prolong its life.

⚠ WARNING

- All battery work requires specialized knowledge. If you have any questions, please contact authorized service station.
- Be careful not to expose eyes, skin, fabric, or painted surfaces to low voltage battery fluid. The low voltage battery contains sulfuric acid. In case of accidental contact, rinse with water immediately, and get emergency medical attention immediately.
- The battery can produce explosive and flammable gases, so smoking, open flames or sparklers are not allowed in the vicinity.
- Always wear eye protection and remove all jewelry when handling battery or working near low voltage battery.
- Battery posts, terminals, and related accessories contain lead and lead compounds. Wash your hands after handling the battery.
- Do not disconnect the vehicle battery after the vehicle has been started.

Normal Maintenance

Be sure to follow the correct maintenance procedures given in this section if you perform do-it-yourself maintenance.

This section only lists the simple maintenance instructions which can be performed by users. However, there are still many items that have to be maintained by qualified technicians with special tools.

⚠ CAUTION

- Check for any tools or cloths that may have been left behind before closing the hood.
- Correctly add coolant, brake fluid, washer fluid to the appropriate level. If some fluid splashes onto the vehicle body, be sure to immediately wash it off with a wet cloth, avoiding damaging painted surface.

Checking Drive Motor Gear Oil

Checking, adding and replacing of gear oil should be done by professionals. Please contact authorized service station.

8. MAINTENANCE

Checking Brake Fluid Level



Brake fluid level should be between the "MIN" and "MAX" marks. If the level is at or below the "MIN" mark, add brake fluid and contact authorized service station for inspection and repair immediately.

CAUTION

- As the brake fluid is highly absorbent, do not leave the brake fluid reservoir cap open for a long period of time.
- Only recommended brake fluid can be used. Otherwise, all the direct or indirect loss incurred are at customer's own risk.
- If brake fluid splashes onto the painted surface of vehicle body, be sure to clean it with a wet sponge or wash it off with water to avoid corroding the parts or painted surface.

WARNING

Never allow brake fluid to contact your skin or eyes. If the brake fluid splashes into your eyes or on your skin, flush the area immediately with a great quantity of water. Get emergency medical attention immediately if necessary.

Checking Coolant Level



The vehicle must park on a level ground when checking coolant level. Check whether coolant level in reservoir is between MAX and MIN lines. If coolant in reservoir is boiling, the operation can be performed after coolant is cooled. If coolant level is lower than MIN line, add coolant to coolant reservoir according to specified procedure.

⚠ CAUTION

- If coolant level falls rapidly, check radiator, water hose and water pump for leakage.
- Please use coolant recommended. Otherwise, all the direct or indirect loss incurred are at user's own risk.
- Do not use poor quality coolant, because the drive motor generates high temperatures during operation. Inferior coolant cannot provide sufficient cooling and corrosion protection.
- To maximize the performance and life of the power battery, drive motor and air conditioning system, the cooling system should use a specific type of coolant (select a different freezing point depending on the lowest temperature in your region).

⚠ WARNING

- Opening the expansion tank cover before the motor has cooled down completely may cause coolant to spray out, resulting in severe burns.
- To add coolant, open the hood first. Contact your authorized service station if necessary to avoid personal injury from accidental contact with high voltage components.

Checking Tires

Check the tire tread for tread wear mark. When tread wear reaches its limit, tread will be in the same plane as the wear band. If such condition occurs, it indicates that performance and safety of tire seriously decrease, and replacement is necessary.

♻ ENVIRONMENTAL PROTECTION

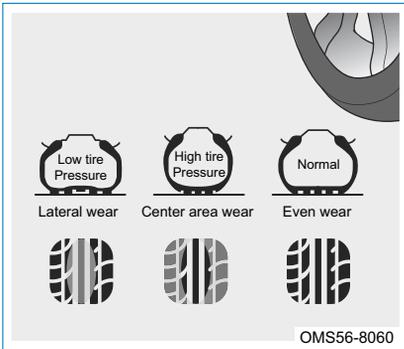
Always discard a used tire carefully. It should be handled according to the local regulations regarding to environmental protection.

■ Observe the following precautions. Failure to do so may lead to an accident, resulting in serious injury or even death:

1. Do not use tires that were used on another vehicle.
2. Do not mix tires with remarkably different tread wear.

8. MAINTENANCE

3. Do not use tires if you do not know how they were used previously.
4. Do not mix tires from different manufacturers, of different models or tread patterns.
5. Do not mix differently constructed tires (such as: radial, bias-belted or bias-ply tires).
6. Speedometer is affected by tire size. If the tire size (diameter) is different from the genuine one, it will not display accurate speed, and may result in accidents, such accidents loss is not covered by the warranty.



Incorrect tire inflation pressure will lead to excessive power consumption, shorten the tire service life and reduce the vehicle stability. Therefore, you should drive the vehicle with proper tire pressure (For provisions about the tire inflation pressure, please refer to the tire pressure label on driver side B pillar). When cold tire inflation pressure is higher than specified value or economic tire pressure is used, driving comfort will be reduced accordingly. Please adjust it according to your needs.

■ Be sure to keep proper tire inflation pressure. Otherwise, the following conditions may occur and result in death or serious injury:

1. Excessive wear.
2. Poor handling.
3. Uneven wear.
4. Poor sealing of the tire bead.
5. Wheel deformation or tire separation.
6. Possibility of blowouts resulting from overheated tires.
7. A greater possibility of tire damage caused by poor road conditions.

 CAUTION

- It is normal that the tire inflation pressure increases after driving for a period of time.
- If the tire needs to be inflated frequently, please contact authorized service station for inspection and repair as soon as possible.
- If a tire often leaks or cannot be properly repaired due to a cut or other damages, it should be replaced.
- Use a tire pressure gauge to check cold tire inflation pressure. Visual inspection of a tire may cause inaccurate estimation on inflation pressure.
- If air leakage occurs while driving, do not continue to drive. Driving even a short distance can damage a tire beyond repair.
- Be sure to install tire valve caps properly. Otherwise, dirt could get into the valve core and cause blockage. If the caps are lost, install new ones as soon as possible.

 Off-road Driving

Before off-road driving, you may decrease the tire inflation pressure to adapt to off-road driving conditions. Therefore, make sure to inflate your tires to standard tire inflation pressure after finishing off-road driving. Because underinflation is the main cause of abnormal damage such as tire cracks and blowout.

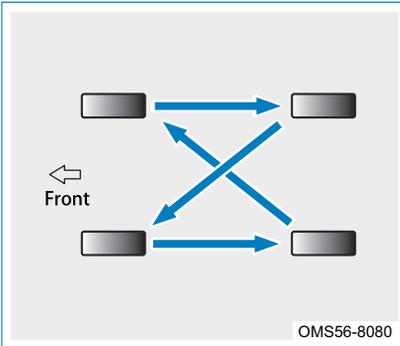
After off-road driving, check the wheels and tires for damage. Off-road driving may damage the wheels and tires, which can lead to tire failure, loss of vehicle control, or personal injury.

 READ

All-terrain tires have been exclusively adjusted and optimized for off-road conditions. The driving experience is different from ordinary road tires. Its performance tends to off-road, and the road feeling feedback is more direct, making driving more passionate and achieving more off-road feeling; In addition, because tire adjustment tends to off-road, proper tire maintenance is very important.

8. MAINTENANCE

Tire Rotation



To equalize tire wear and extend tire service life, we recommend that four tires are rotated every 10,000 km (the best adjustment and rotation range is 5,000 - 7,000 km); the tire rotation cycle may vary according to driver's driving habits and road surface conditions.

READ

Tire rotation should be performed by professionals, please contact authorized service station.

Checking Air Conditioning Filter

Air conditioning filter can prevent outside dust from entering vehicle through air conditioning outlets, and it may be blocked after being used for a long time. If efficiency of air conditioning decreases significantly, check filter and replace it as necessary.

READ

- The replacement of air conditioning filter should be performed by professionals, please contact authorized service station.
- Using air conditioning with filter removed may result in degradation of dustproof performance, affecting efficiency of air conditioning.

Checking Windshield Washer Fluid

If no washer fluid is sprayed from washer nozzles, stop operating washers and check if it is necessary to add washer fluid. If it cannot operate properly after adding washer fluid, please contact authorized service station for inspection and repair.

CAUTION

- Never add antifreeze in the windshield washer fluid, because antifreeze will damage the body painted surface.
- Do not use water as washer fluid when temperature is below zero. Otherwise, water will be frozen, causing damage to washer.
- The capacity of windshield washer fluid reservoir is 4.5 L; when the washer fluid level is low, it may set off an alarm, please refer to the actual vehicle.

Checking Wiper Blades

Check the roughness of wiper blade by sliding on its edge using your finger. If it is too rough, the wiper blade will not work effectively.

CAUTION

- Do not use the wiper blades to remove frost or ice covered on the windshield.
- If there are any chips on the windscreen from gravel, please repair quickly.
- In winter, make sure that the wipers are not frozen to the glass before operating them to avoid damaging the wiper blades.
- Butter, silicone and fuel may cause the wiper blades to operate improperly, and it is recommended to clean the wiper blades with washer fluid.
- When the blades are lifted for maintenance, the center connector position of the blades should be properly picked up, it is required to enter maintenance mode for some models before lifting (for details, please refer to electronic manual "Wiper System").

Maintaining Wiper Blades

1. Do not use high-pressure water jet to directly wash the wiper blades while washing the vehicle, otherwise the wiper blades could be deformed.
2. In order to prevent the formation of build up that obscures view, it is recommended to clean wiper blades using glass detergent regularly once a week.
3. For safety, it is recommended to replace the wiper blades 1 to 2 times a year, the wiper blades can be purchased at authorized service station.
4. Apply pure water to rinse the windshield and blades after washing the vehicle in the automatic car washer, which can remove the remaining wax layer.
5. Do not operate wiper blades when windshield is dry. Doing so may scratch glass, resulting in permanent damage to wiper blades.
6. Do not clean the windshield with fuel, nail polish remover, paint thinner or similar liquid, which can damage the wiper blades.
7. Avoid using glass plating agent and hydrophobic agent on the front and rear windshields. The hydrophobic layer will fall off slowly after using, resulting in uneven friction of windshield and abnormal noise of wiper shaking.
8. When the windshield surface is frosted or frozen, or when dry soil, insect, sticker or other solid particles are attached to the windshield surface, clean them with a wet cloth in time. Do not use a dry cloth or remove them with wiper blades directly, otherwise it will damage the windshield and wiper blades.

8. MAINTENANCE

Using Wipers

1. Do not swing the wiper arm manually, otherwise it may damage the wiper.
2. When there is snow, leaves, branch and other objects, they should be cleaned before operating the wiper.
3. Washer fluid should be added as soon as is needed, please use the windshield washer fluid as specified in this manual, and do not use tap water instead.
4. In cold weather, always check if the wiper blades are frozen on the windshield before using. If they are frozen on the windshield, always unfreeze them before using. Use air conditioning heating and ventilation device to warm up. Do not pour hot water directly to blades, otherwise, windshield may break or wiper blades may deform.

8-3. Regular Maintenance

Regular Maintenance

■ Necessity of Maintenance

1. Routine care and regular maintenance are necessary to ensure that the vehicle works normally with good driving experience, efficiency and reliability, and to reduce possible maintenance costs.
2. For routine maintenance items specified in this manual that can be performed by the user, the user can perform routine maintenance according to the above instructions.
3. Considering the complexity of the vehicle's system and the strict after-sales service requirements for new energy vehicles under national laws and regulations, strongly recommends the users to complete the regular maintenance of the vehicle at the authorized service station.
4. If you have any questions on how to perform maintenance, please contact authorized service station directly.

■ Routine Maintenance

Routine maintenance is a very important measure to ensure driving safety and reduce vehicle failure. The users should check the following items before driving. If you find any abnormality, please contact the authorized service station in time.

- Check all exterior lights, horn, turn signal lights, hazard warning lights.
- Check the wiper and windshield washer.
- Check the parking brake.
- Check the seat belt.
- Check if there is any indicator in instrument cluster comes on abnormally.
- Check inflation of each tire and if there is any damage and wear.

- Check the wiper washer fluid level and add if necessary.
- Check if each switch operates properly.
- Check the coolant level and add if necessary.

■ Precautions

- Keep the tire pressure normal.
- When accelerating, depress the accelerator pedal as lightly as possible.
- Minimize the use of vehicle in hot or cold weather.
- Keep the vehicle moving at a constant speed and reduce rapid acceleration and braking.
- The actual driving mileage of vehicle decreases as the vehicle is used for longer periods of time.
- The actual driving mileage of vehicle decreases as the vehicle is used for longer periods of time.
- At high speed, close the windows to reduce air resistance and minimize power consumption.
- At extreme temperature and low battery power conditions, weak acceleration and lack of dynamic force may occur due to the characteristics of the power battery.
- If necessary, turn off high-power electrical appliances such as air conditioner or adjust the heating or cooling temperature to reduce the energy consumed by high-power electrical appliances and increase the driving mileage.
- Driving mileage is related to the depth of discharge. In order to avoid excessive discharging and affecting the performance of power battery, it is recommended that you should charge the battery when you notice the low battery warning light alarm in instrument cluster.

Regular Maintenance

The following table lists the maintenance items that need to be performed on the vehicle. Please go to authorized service station for maintenance according to the maintenance interval specified in the maintenance schedule.

The first maintenance should be carried out within 12 months or 10,000 km after purchase (whichever comes first); The regular maintenance interval is every 12 months or 10,000 km (whichever comes first).

Inspection Schedule

I: Inspect. adjust, clean or replace if necessary; R: Replace.

8. MAINTENANCE

Maintenance type		First maintenance	Maintenance interval (whichever comes first)							
Maintenance Item	Months	12	12	24	36	48	60	72	84	96
	km × 1,000	10	10	20	30	40	50	60	70	80
Appearance of power battery										
High voltage connector and wire harness										
Low voltage connector and wire harness										
Voltage and SOC (-remaining charge of power battery)										
Check if there is any abnormality in system										
Bolt torque										
Appearance of drive motor										
High voltage connector and wire harness										
Low voltage connector and wire harness										
Bolt torque										
Reducer oil		Replace reducer oil at first 2 year or 20,000 km, (-whichever comes first). And then replace reducer oil every 3 year or 30,000 km, (whichever comes first).								
Charging port and charging port cap										
On-board charging CDU assembly										
Seat, seat belt, door switch, door hinge, door lock										

Maintenance type		First maintenance	Maintenance interval (whichever comes first)							
Maintenance Item	Months	12	12	24	36	48	60	72	84	96
	km × 1,000	10	10	20	30	40	50	60	70	80
and glass regulation switch										
All glasses on vehicle										
Interior and appearance										
Light, wiper										
Instrument cluster										
Head unit system										
Column shift										
Inside/ outside rear view mirror Horn, steering wheel										
Backup power supply										
USB port and Type C port										
Low voltage battery										
Diagnostic tester inspection										
Drive shaft and boot										
Front and rear suspension										
Shock absorber and spring										
Tire pressure and appearance, tire pattern, wheel bolt torque										
Torque of chassis bolt										

8. MAINTENANCE

Maintenance type		First maintenance	Maintenance interval (whichever comes first)							
Maintenance Item	Months	12	12	24	36	48	60	72	84	96
	km × 1,000	10	10	20	30	40	50	60	70	80
Steering shaft and boot										
Tie rod ball and boot										
Steering function										
Electrical parking										
Active caliper and wheel cylinder										
Brake fluid		Replace every 2 years or 40,000 km								
Brake pipe										
Brake pedal stroke										
Brake plate and brake disc										
Coolant		Replace every 2 years or 40,000 km								
Cooling pipe										
Radiator assembly										
Cooling fan										
Cooling and heating functions										
Outlet air volume										
Electric compressor										
A/C pipe										
A/C condenser										
Air conditioning filter		Recommended replace every 1 year or 10,000 km								
*: We recommend that you ask your authorized service station for the actual maintenance schedule applied to your vehicle.										

 READ

- The frequency of scheduled inspection and maintenance services in the table is minimal. However, it may be necessary that they be performed more frequently depending on road conditions, weather, atmospheric conditions and vehicle usage. These conditions may differ from one country to another. Therefore, there may be special requirement in your country. We recommend that you ask your authorized service station for the actual maintenance schedule applied to your vehicle.
- Continue periodic maintenance beyond 80,000 km or 96 months by returning to the third column of the maintenance schedule and adding 80,000 km or 96 months to the column headings.
- For special area, there may be special maintenance specifications. We recommend that you ask your authorized service station for the actual maintenance specifications applied to your vehicle.

 CAUTION

The frequency of maintenance should be increased if the vehicle is driven under severe conditions mentioned in the following examples*.

It should be checked every 5,000 km or 6 months (whichever comes first) if the vehicle is driven under severe conditions mentioned in the following examples*:

- Driving in highly dusty environment.
- Driving in severe cold (below 0° C) or high temperature (above 40° C) environment.
- Driving in wet conditions or frequent wading.
- Driving on roads with salty or corrosive materials.
- Frequent braking or driving in hilly areas.
- Engaging in operational activities, or often used for special purposes such as high load use.
- Engaging in racing or competitive activities.
- Changes in the operating conditions of vehicle caused by addition or modification.

SPECIFICATION

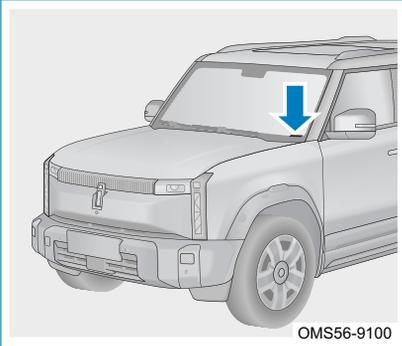
9-1. Label Location	On-board Charger	250
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Drive Motor		
Decelerator		
Power Battery.....		

9. SPECIFICATION

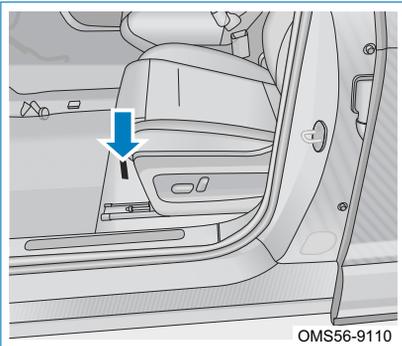
9-1. Label Location

Vehicle Identification Number

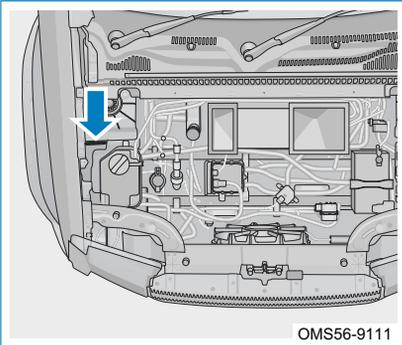
Vehicle Identification Number (VIN) on actual vehicle



VIN is attached on the left side of the instrument panel near the A-pillar, and it can be seen through the front windshield.



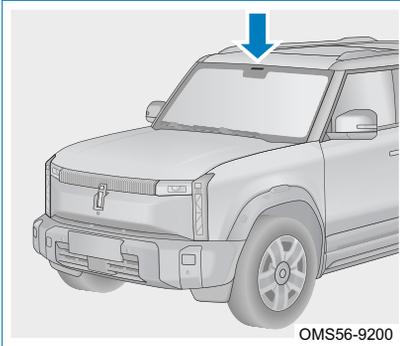
VIN is stamped on the seat beam under the front passenger seat. Fully move the front passenger seat back and lift the carpet to see it.



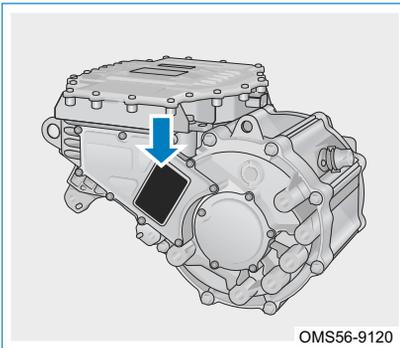
VIN is attached on the front of the front right shock absorber seat. Open the hood, VIN can be seen in the front of the front right shock absorber seat.

⚠ CAUTION

- It is forbidden to cover, paint, weld, cut, drill or remove vehicle identification number and areas around it. If VIN on the body is damaged, please contact the authorized service station in time.
- When contacting the authorized service station, VIN should be provided. If VIN on the body is damaged, please contact the authorized service station in time.

Microwave window

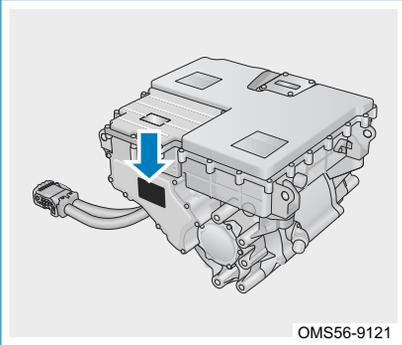
The microwave window is located on the inner side of the front windshield and at the right side to the back of the inside rear view mirror, where is for wireless RF signal transmission and installation of automotive electronic identification.

Front drive motor number position (if equipped)

The front drive motor number is attached on the front drive motor housing.

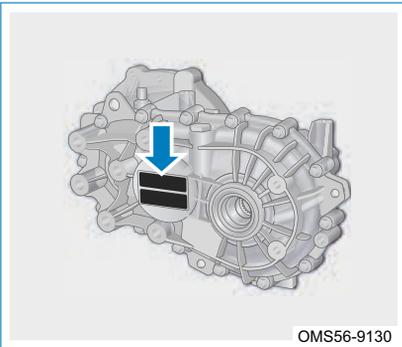
9. SPECIFICATION

Rear drive motor number position



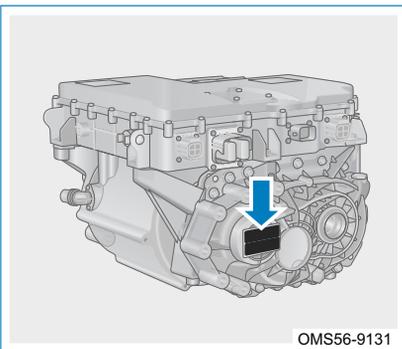
The rear drive motor label and steel seal number are printed on the rear drive motor housing.

Front decelerator label position (if equipped)

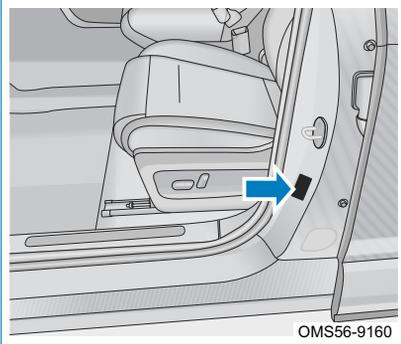


The front decelerator label is attached on the front decelerator housing.

Rear decelerator label position



The rear decelerator label is attached on the rear decelerator housing.

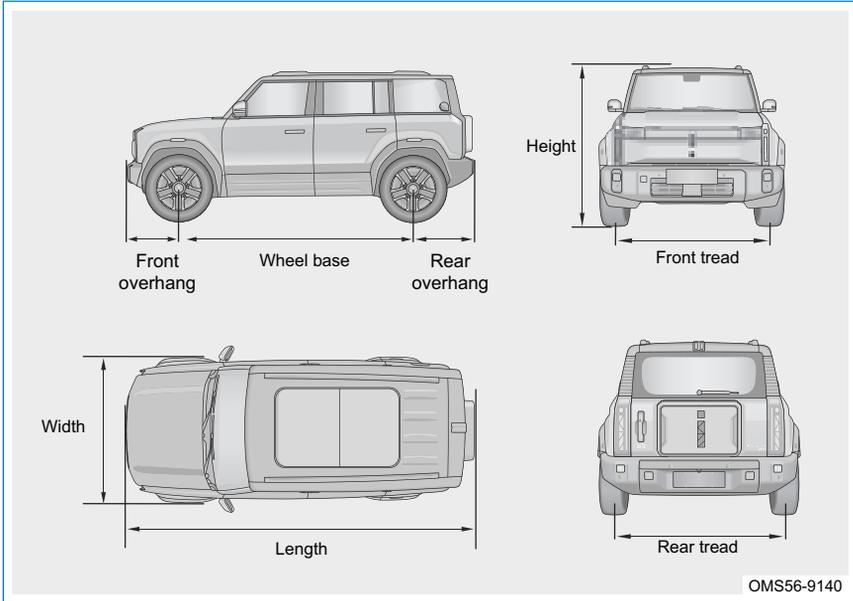
Vehicle name plate

The vehicle name plate is located on the lower part of the front left door quarter outer panel door buckle.

9. SPECIFICATION

9-2. Vehicle Specifications

Vehicle Dimensions



Items		Parameters
Overall Size	Length (mm)	4406
	Width (mm)	1910
	Height (mm)	1715
Wheel Base (mm)		2715
Tread	Front (mm)	1626
	Rear (mm)	1645
Overhang	Front (mm)	791
	Rear (mm)	900

Vehicle Model and Type

Items	Parameters	
Vehicle Model	M1	M1
Vehicle Type	4 × 2 rear-wheel drive, front-wheel steering, drive motor rear mounting, 2-compartment 5-door 5-seat integral body, right-hand drive	4 × 4 four-wheel drive, front-wheel steering, drive motor front/rear mounting, 2-compartment 5-door 5-seat integral body, right-hand drive
Drive Motor Model	112AA5	112AA3/112AA5
Driving Motor Type	Permanent magnet synchronous motor	Permanent magnet synchronous motor
Power Battery Model	113AA5	113AA5
External Charging Method	Segmented constant current charging	Segmented constant current charging

Vehicle Weight

Items	Parameters		
Vehicle Curb Weight (kg)	1775	1874	
Vehicle Curb Axle Weight	Front Axle (kg)	818	909
	Rear Axle (kg)	957	965
Maximum Total Weight (kg)	2150	2254	
Axle Weight Under Maximum Total Weight	Front Axle (kg)	930	1023
	Rear Axle (kg)	1220	1231
Weight Under Driving State (kg)	1850	1949	
Weight Axial Load Distribution Under Driving State	Front Axle (kg)	854	945
	Rear Axle (kg)	996	1004
Seating Capacity (Including Driver) (Person)	5	5	

Vehicle Control Unit

Items	Parameters
Control Unit Type	2104AAA

9. SPECIFICATION

Vehicle Performance

Items		Parameters		
Passing Performance	Minimum Ground Clearance (mm)	170	170	
	Ground Clearance Among Axles (mm)	175	175	
	Ground Clearance Under Front Axle (mm)	171	171	
	Ground Clearance Under Rear Axle (mm)	170	170	
	Minimum Turning Radius (m)	5.7	5.7	
	Approach Angle	Unladen (°)	28	28
		Laden (°)	26	26
	Departure Angle	Unladen (°)	32	32
		Laden (°)	29	29
	Ramp Angle	Unladen (°)	17	17
Laden (°)		15	15	
Power Performance	Maximum Vehicle Speed (km/h)	150	150	
	Maximum Gradeability (%)	30	55	

Wheel Alignment

Items		Parameters
Front Wheel	Front Wheel Camber	$-0^{\circ}28' \pm 45'$
	Kingpin Caster Angle	$6^{\circ}23' \pm 60'$
	Kingpin Inclination Angle	$13^{\circ}33' \pm 60'$
	Front Wheel Toe-in	$5' \pm 5'$ (one side)
Rear Wheel	Rear Wheel Camber	$-60' \pm 45'$
	Rear Wheel Toe-in	$5' \pm 5'$ (one side)
Sideslip Value		$\leq 3\text{m/km}$

Drive Motor

Items	Parameters	
	Rear drive motor	Front drive motor (if equipped)
Motor Model	112AA5	112AA3
Motor Type	Permanent magnet synchronous motor	Permanent magnet synchronous motor
Cooling Method	Water-cooled	Water-cooled
Rated Power (kw)	37	24
Peak Power (kw)	135	70
Rated Voltage (V)	350	350
Maximum Torque (N·m)	220	165
Rated Torque (N·m)	90	65
Operating Mode	S9	S9

Decelerator

Items	Parameters	
	Rear decelerator	Front decelerator (if equipped)
Decelerator Model	NEQ120EHB	NEQ115EHC
Decelerator Type	Auto	Auto
Primary Reduction Gear Ratio	3.35	3.136
Final Reduction Gear Ratio	3.563	3.473
Maximum Input Torque (N·m)	220	165
Lubricant Model	BOT 805C	BOT 805C
Lubricant Viscosity Grade	SAE 75W-90	SAE 75W-90
Lubricant Amount (L)	0.75	0.75

9. SPECIFICATION

Power Battery

Items	Parameters	
Monomer Type	CB250	CB250
Battery Pack Rated Capacity (Ah)	192	192
Battery Pack Nominal Voltage (V)	400	400
Discharging Efficiency (%)	95	95
Rated Discharging Power (kW)	39	39
Rated / Peak Discharging Rate (C)	0.55/3.2	0.55/3.2
Monomer Nominal Capacity (Ah)	192	192
Monomer Nominal Voltage (V)	3.16	3.16
Total Energy (kWh)	65.696	69.77
Maximum Allowable Continuous Charging (A)	212	212
Size (mm)	1906(L)×1540 (W)×173(H)	1906(L)×1540 (W)×173(H)
Weight (kg)	475	495
Power Battery Energy Density (wh/kg)	139	139.5
Charging Operating Temperature Range of Battery System (°C)	-20~55	-20~55
Discharging Operating Temperature Range of Battery System (°C)	-30~55	-30~55
Battery Pack Cooling Method	Liquid cooling	Liquid cooling
Layout Position	Underbody	Underbody

On-board Charger

Items	Parameters
Output Power (kw)	6.6
Output Voltage (V)	230 - 465
Maximum Charging Current (A)	20

Wheel and Tire

Items		Parameters	
Tire Model		225/55R19	225/60R18
Rim Model		19X7J	19X6.5J
Front Wheel	Unladen Tire Inflation Pressure (kPa)	230	230
	Laden Tire Inflation Pressure (kPa)	260	260
	Economic Tire Inflation Pressure (kPa)	290	290
Rear Wheel	Unladen Tire Inflation Pressure (kPa)	230	230
	Laden Tire Inflation Pressure (kPa)	260	260
	Economic Tire Inflation Pressure (kPa)	290	290
Tightening Torque of Tire Bolts (N·m)		140 ± 10	
Wheel Dynamic Balance Requirements		Residual dynamic balance ≤ 10 g/ side, maximum balance block on one side ≤ 65 g	

Steering System

Items	Parameters
Power Steering Type	Column type electric power steering
Steering Gear Type	Rack & pinion type
Steering Column Type	Retractable energy-absorbing type
Steering Wheel Diameter (mm)	360
Number of Steering Wheel Left Turns	1.335
Number of Steering Wheel Right Turns	1.335

9. SPECIFICATION

DC/DC Converter

Items	Parameters
Operating Voltage (V)	230 ~ 465
Output Voltage (V)	14.2
Rated Power (kw)	2.0
Efficiency	$I_o \geq 8A, \eta \geq 80\%$ $I_o \geq 15A, \eta \geq 85\%$ $I_o \geq 20IN, \eta \geq 90\%$
Cooling Method	Liquid cooling

Cooling System

Items	Parameters
Radiator Type	Low temperature radiator
Coolant Type	Concentrated solution: deionized water = 53 : 47 (volume ratio)
Coolant (2WD) (L)	11.5 ± 0.5
Coolant (4WD) (L)	12.3 ± 0.5

Air Conditioning System

Items	Parameters
Refrigerant Type	R134a
Refrigerant Dosage (g)	500 ± 25
Refrigerant Oil Type	PVE
Refrigerant Oil Capacity(ml)	180 ± 10

Brake Fluid

Items	Parameters
Specification	DOT4
After-sale Maintenance(ml)	750 ± 100

Low Voltage Battery

Items	Parameters
Battery Model	S11 - 3703010AB

Light Bulb Specification

Name	Nominal Voltage (V)	Nominal Light Source (Type/ Model)	Combination Condition
Headlight	12 V	LED light source	Combined with front turn signal light, front position light and daytime running light
Rear Fog Light	12 V	LED light source	Combined with non-triangular rear retroreflector
Daytime Running Light	12 V	LED light source	Combined with headlight, front position light and front turn signal light
Front Position Light	12 V	LED light source	Combined with front turn signal light, headlight and daytime running light
Rear Position Light	12 V	LED light source	Combined with brake light, rear turn signal light and back-up light
Brake Light	12 V	LED light source	Combined with rear position light, rear turn signal light and back-up light
High Mounted Brake Light	12 V	LED light source	Individual
Back-up Light	12 V	LED light source	Combined with brake light, rear turn signal light and rear position light
Front Turn Signal Light	12 V	LED light source	Combined with headlight, front position light and daytime running light
Rear Turn Signal Light	12 V	LED light source	Combined with brake light, rear position light and back-up light
Side Turn Signal Light	12 V	LED light source	Individual
License Plate Light	12 V	LED light source	Individual

Measurement Range of Vehicle Overall Size Excluding Following Components

Components not included in vehicle length measurement range:

The following devices do not have laden function and do not exceed the front or rear end of the vehicle by more than 50 mm, and fillet radius of edge and corner is no less than 5 mm:

9. SPECIFICATION

- Wiper and washer.
- Outer identification, including registered trademark, manufacturer name, origin, model name and type, driving type and other distinguishing identification of the vehicle.
- Lights and light signal device.
- Anti-collision rubber block and equivalent.
- External sunshade device.
- Customs sealing device and its protective device.
- Device used to fixed raincloth and its protective device.
- Locking device, hinge, handle, controller, switch.
- Step plate (or ladder), vehicle climbing step plate and handle on top of bumper used for cleaning windows.
- Rear emblem plate with LOGO.
- Removable trailer or towing device.

Following device without laden function:

- Indirect view device.
- Current collecting device of electric vehicle (including its fixing device).

Components not included in vehicle width size:

- Indirect view device.

The following devices do not have laden function and their one side size exceeds the side of vehicle for no more than 50mm, and fillet radius of edge and corner is no less than 5mm:

- Outer identification, including registered trademark, manufacturer name, origin, model name and type, driving type and other distinguishing identification of the vehicle.
- Lights and light signal device.
- Anti-collision rubber block and equivalent.
- Device used to fixed raincloth and its protective device.
- Local water drain slot: Refers to the water drain slot used to guide rain flow above driver door (or window) and passenger door, both sides of front windshield.
- Flexible protruding part of splash proof system.
- Locking device, hinge, handle, controller, switch.
- Tire failure signal device.
- Tire pressure indicator.
- Deformed part of tire wall directly above contact point between tire and ground.
- Reversing assistance device.

Components not included in vehicle height measurement range:

- Soft part of antenna.

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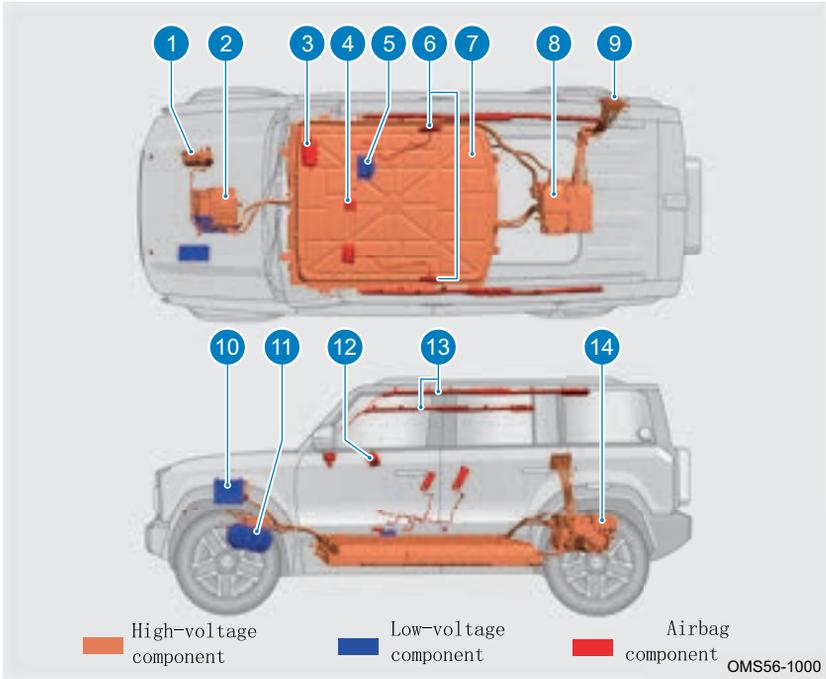
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1. EMERGENCY RESCUE

1-1. Product Information

Power System Information



- | | | |
|--|-----------------------------------|--------------------------|
| 1 Electric compressor assembly | 2 Front drive motor (if equipped) | 3 Front passenger airbag |
| 4 Airbag control module | 5 Vehicle controller | 6 Front seat side airbag |
| 7 Power battery | 8 Rear drive motor controller | 9 Charging port |
| 10 Low voltage battery | 11 Decelerator | 12 Driver airbag |
| 13 Curtain shield airbag (if equipped) | 14 Rear drive motor | |

ENVIRONMENTAL PROTECTION

High voltage parts in the illustration should be disposed or recycled according to the local regulations and provisions regarding environmental protection.

 **WARNING**

- Never open, modify or remove the cover plate of the power battery without permission.
- Avoid long-term use of vehicles in extreme environments (high temperature, low temperature, wading).
- Never perform any work on high voltage network, high voltage wire harness (orange) and power battery.
- Avoid high voltage components when washing the vehicle, failure to do so may cause adverse consequences resulted from contacting with water.
- In case of traffic accident, do not touch high voltage component and high voltage wire harness in the illustration to avoid serious injury or even death.
- Never drive the vehicle on a road that has flooded, otherwise it may cause short circuit of electrical components or damage to the power battery.
- In the event of an accident, be sure to inform the rescue personnel that the vehicle is electric vehicle and equipped with power battery.
- Never touch high voltage system, power battery or electrode of power battery with hands, jewelry or other metals; Pay special attention when high voltage system, power battery or electrode of power battery is damaged.
- Work on high voltage system or system that may be indirectly affected by high voltage system is only allowed to be performed by qualified and trained professional.
- The voltage in high voltage system can be life-threatening. Never touch, remove or replace parts with high voltage warning marks, orange cables and connectors on vehicle to prevent high voltage electric shock.
- Avoid contact with the liquid spilled from power battery; The electrolyte of power battery is corrosive. If the skin comes into contact with the electrolyte, then rinse with water for at least 15 minutes, followed by washing the area with soap, and have the area examined by a health-care professional timely.
- Do not touch any parts of the vehicle that are marked with the "High Voltage Warning" symbol or the orange-colored wire harness when the vehicle is started or in use.
- When cutting the vehicle for rescue, avoid the components in the illustration and the rescuer must wear basic rescue protective device. Select high voltage rescue protective device or fire rescue protective device according to the site situation. Failure to follow the instructions may cause personal injury or even death.

1. EMERGENCY RESCUE

Basic vehicle information

Items		Parameters
Overall Size	Length (mm)	4406
	Width (mm)	1910
	Height (mm)	1715
Wheel Base (mm)		2715
TreadManufacturer Maximum Total Weight (kg)		2150 / 2254
Seating Capacity (Including Driver) (Person)		5

Plug-in electric vehicle system basic information

Battery cells	Type	Lithium iron phosphate
	Monomer nominal capacity (Ah)	192
	Monomer nominal voltage (V)	3.16
Power battery assembly	Battery pack rated capacity (Ah)	192
	Battery pack nominal voltage (V)	400
	Rated Discharging Power (kW)	39
	Number of battery pack (pieces)	1

1-2. Safety Sign Information

Safety Sign Information

Warning Name	Sign	Warning Sign Pattern	Warning Description	Sign
High voltage warning sign 1			Danger! Never touch high voltage system components.	
High voltage warning sign 2			High voltage. Danger! Never depress!	
High voltage warning sign 3			High voltage system components, be careful, Danger! Never touch high voltage system components without wearing protection device, beware of electric shock!	
High voltage warning sign 4			High voltage system components, be careful, Danger! Never touch high voltage system components without wearing protection device, beware of electric shock and high temperature scald!	

1. EMERGENCY RESCUE

<p>High voltage wire harness sign</p>		<p>Vehicle high voltage system components are connected by orange high voltage wire harness. Never touch high voltage system components without wearing protection device!</p>
<p>Power battery pack warning sign</p>		<p>Usage precautions for power battery pack!</p>

- After vehicle is started, power system will be hot. Be careful of high voltage and high temperature, and always follow the instructions on the vehicle safety warning signs.
- Never touch, remove or replace parts with high voltage warning marks, orange cables and connectors on vehicle to prevent high voltage electric shock.
- Not every high voltage component is labeled. Rescuer must wear basic rescue protective device when cutting a vehicle. Select high voltage rescue protective device or fire protective device according to the site situation. Failure to follow the instructions may cause personal injury or even death.

1-3. Emergency Rescue Handling Procedure Information

Protection Device Required for Rescuer

The vehicle power system is driven by high voltage battery, which may cause high voltage leakage or power battery fluid leakage in the event of a serious collision. Therefore, the vehicle can only be operated by professional rescuers who wear corresponding protective devices while performing rescue to ensure personal safety.

1. Basic rescue protection device:



2. If high voltage components need to be handled on site, additional protection device should be added:



3. Additional protection device needs to be added for misfire:



⚠ WARNING

Rescuer must wear basic rescue protective device. Select high voltage rescue protective device or fire rescue protective device according to the site situation. Failure to follow the instructions may cause personal injury or even death.

Electric protection

Please wear the following protective devices to avoid high voltage electric shock:

1. EMERGENCY RESCUE

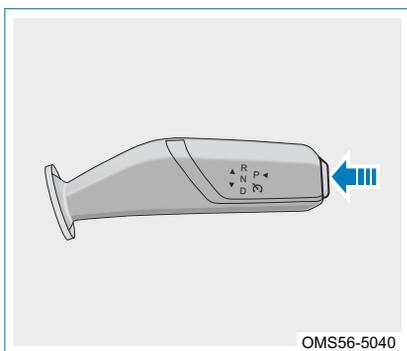
- Safety glasses;
- Insulation rubber shoes;
- Tools with insulation protective sleeve;
- Rubber insulation gloves (with insulation voltage above 500 V).

Chemical protection

In case of battery leakage, wear the following protective devices to prevent harm to skin and face:

- Protective mask;
- Solvent insulation gloves.

Parking Operations

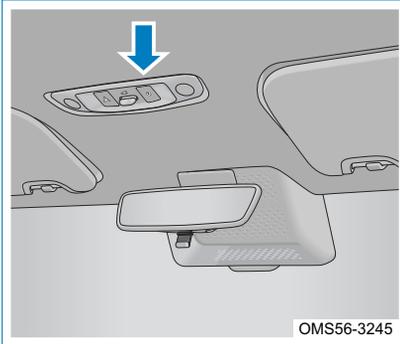


When the vehicle is stationary, depress brake pedal, when shift position is not in P, press the button on right side of column shift to switch to P directly and exit the corresponding R/N/D, the electric parking brake automatically turns on at the same time and "(P)" indicator on instrument cluster remains on.

Vehicle Power-off

Normal power-off

- Stop vehicle and apply parking brake;
- Shift the shift lever to P;
- Get off vehicle with smart key, and close the door;
- Lock the vehicle;
- Check that vehicle is locked.

Emergency power-off

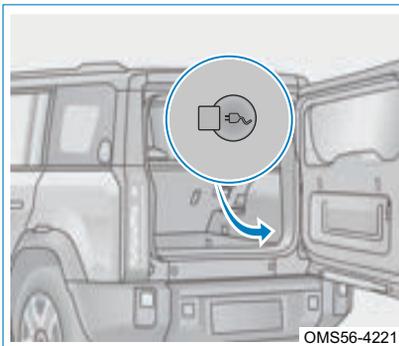
The emergency power-off switch is located on the driver's ceiling.



If you need to power off the vehicle forcibly in an emergency, long press the emergency power-off switch for 3 seconds or press the emergency power-off switch three times continuously within 3 seconds to power off the vehicle.

Automatic power-off after collision

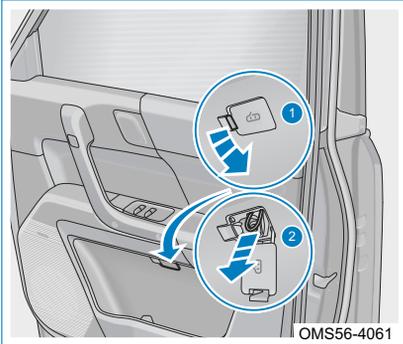
When vehicle is involved in a collision and the relative speed reaches the set threshold, the vehicle will automatically cut off the high voltage, and vehicle system malfunction indicator, power battery cut off indicator, turn signal indicator on instrument cluster will come on at the same time.

Charging port emergency unlocking (only for AC charging)

There is an electronic lock unlocking button on the luggage compartment right inner garnish. Manually unlock the button to unlock the cable.

1. EMERGENCY RESCUE

Door emergency opening

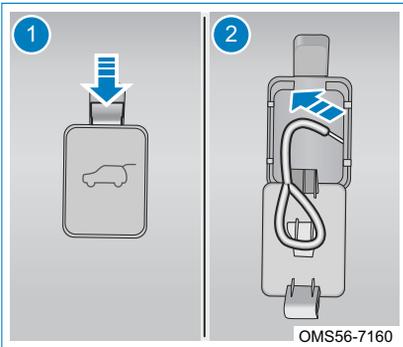


When the electronic inner door opening button fails to open the four-door, the emergency inner door opening pull ring can be used for emergency opening.

Step 1: Open emergency inner door opening pull ring cover;

Step 2: Pull the emergency inner door opening pull ring with hand, release it, and then push the door outward to open it.

Back door emergency opening



In normal condition, if the back door cannot be opened, use the back door emergency device switch to open the back door.

Fold the rear seatback, and then get in the rear of vehicle.

Step 1: Open emergency device cover on the back door trim panel.

Step 2: Pull the emergency inner door opening pull ring with hand, release it, and then push the back door to open it.

Vehicle Fire Rescue

When the vehicle fire is small and controllable, appropriate fire extinguishing agents should be used: dry sand, chemical dry powder and carbon dioxide.

When the vehicle catches fire or the power battery is severely squeezed or bent, and the fire develops rapidly or the fire is out of control, rescuers need to be notified to use continuous and large amounts of fire water to extinguish the fire for 30 minutes. At the same time, in order to prevent the fire from expanding, any surrounding combustible materials should be kept away from the fire vehicle.

After the fire is extinguished, attention should be paid at any time to prevent return.

If the vehicle is on fire, never touch any part of vehicle directly. Professional rescuers wearing appropriate protective device should operate it.

Vehicle Wading Rescue

Under the premise that the body and chassis are not damaged, there will be no greater risk of electric shock due to immersion in water. However, when dealing with flooded vehicles, professional rescuers should wear appropriate rescue protective device, pull the vehicle out of water first, and then normally cut off the high voltage circuit.

CAUTION

- It is recommended not to stay in deep water for a long time during wading, otherwise vehicle high voltage components may be damaged.
- After the vehicle is salvaged, leave it for at least 30 minutes. The temperature of the power battery pack needs to be monitored in real time while leaving to ensure that there is no thermal runaway of the battery, and then pull away the vehicle.

Vehicle Cutting Area

The body is an integral all-metal closed steel-aluminum frame welded structure. If it needs to be cut during rescue, appropriate tools should be used. It is forbidden to cut the areas such as battery pack, high voltage components, airbag related components, etc.

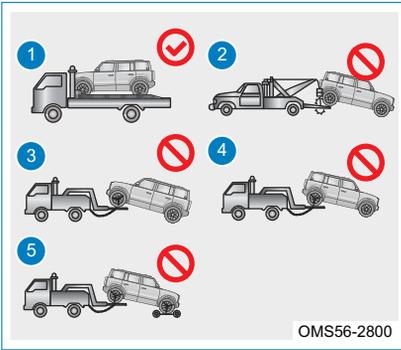
WARNING

When cutting the vehicle, professional rescuers must use appropriate tools and wear appropriate personal protective device to avoid serious personal injuries.

1. EMERGENCY RESCUE

Vehicle Towing Evacuation

Using platform trailer



Please use **1** platform rescue vehicle to load your vehicle.

READ

Vehicle towing precautions are as follow:

- Tow with four wheels off ground.
Do not use the rescue method **2** **3** **4** **5** shown in the figure.
- Before towing, shift the gear position to N, turn on hazard light, and close the doors.
- During towing, nobody is allowed to seat in the accident vehicle.

CAUTION

Do not move the vehicle with forklift when vehicle is broken down.

WARNING

- No person or object is allowed behind the trailer when the vehicle is pulled onto the platform rescue vehicle, otherwise it may cause personal injury or death.
- The vehicle can only be towed away from the site if there is no safety risk. If the vehicle power battery pack has deformation, leakage, smoke, etc., the safety risk should be solved first.