

Special Notes

Please read this manual carefully before using this product to avoid losing your right to enjoy the quality warranty services provided by us due to violation of regulations.

Chery New Energy has set technical maintenance regulations for new vehicle running-in and different stages for its products. These maintenance regulations are crucial for the safe use and good operation of your vehicle, you must comply with them. If your vehicle has been abused or negligently and incorrectly used, or has not been maintained at the prescribed mileage/time interval, or has been refitted without approval, or you fail to sign and stamp the maintenance certificate as required, you will lose the right to request repair, and any direct or indirect repair application will be rejected by the authorized service station of Chery NEV. If any defects of our product are found during use, the authorized service station of Chery NEV will maintain it. In the maintenance process, the authorized service station of Chery NEV shall have the obligation to repair or replace equivalent parts through consultation with the user.

If the vehicle has unforeseen circumstances such as power battery bottoming, collision and water soaking, or the power battery shell and connectors have serious deformations or cracks, or the instrument cluster has serious fault alarm signals (e.g. power battery overvoltage, overtemperature, low insulation, thermal runaway alarm and charging socket overtemperature), please contact the authorized service station of Chery NEV for maintenance as soon as possible.

If you have any questions when you read this manual carefully, the authorized service station of Chery NEV will provide you with more detailed explanations and welcome valuable feedback from users.

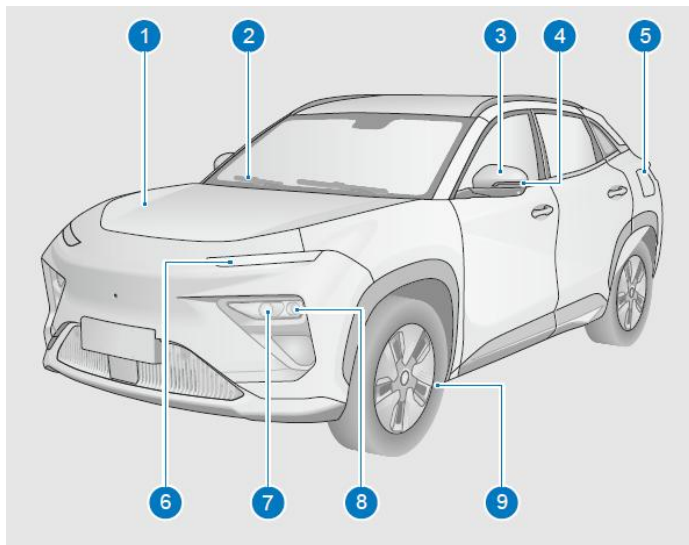
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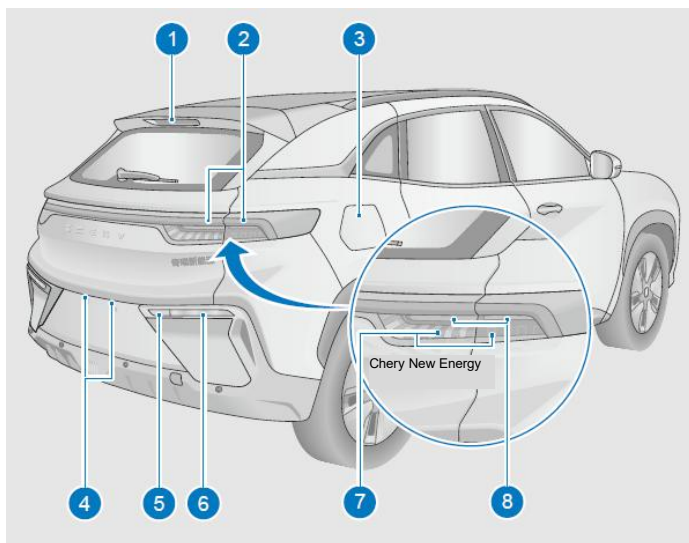
Have a nice drive!

October 19, 2023

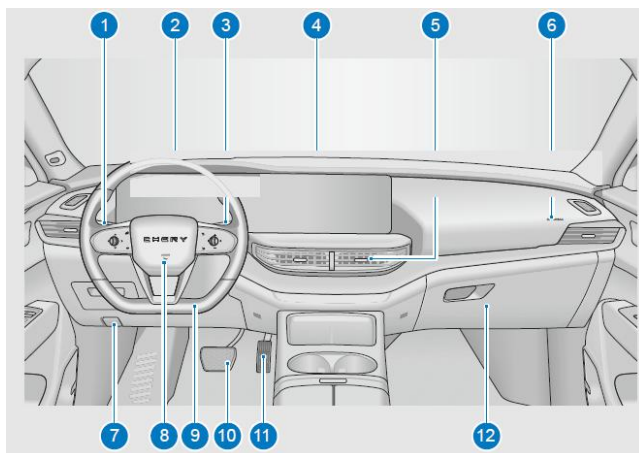
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Car owner service

Special Notes

- Thank you for purchasing Chery New Energy pure-play electric vehicle. In order to use your vehicle correctly and protect your rights and interests, please read this manual carefully.
- This manual provides important instructions and tips on daily driving and routine maintenance to familiarize you with the handling of the vehicle. The more you know about the vehicle, the more you can ensure the safety and economy of driving and enjoy the pleasure.
- Any improper operation and use may damage your vehicle and may also cause your vehicle to lose its warranty.
- Especially in extreme environments (such as below -20 °C or above 40 °C), key components of your vehicle (such as power batteries) may be damaged, and even the vehicle may not travel.
- If the vehicle has unforeseen circumstances such as power battery bottoming, collision, water soaking, etc., the instrument cluster has serious fault alarm signals (e.g. power battery overvoltage, overtemperature, low insulation, charging socket overtemperature, etc.), and the power battery shell and connectors have serious deformations or cracks, please contact the authorized service station of Chery NEV for vehicle maintenance as soon as possible.
- Regular maintenance of the vehicle helps to maintain the driving performance and second-hand value of the vehicle. The authorized service stations of Chery NEV all over the country have many maintenance experts who can provide services for you at any time. The professionally trained maintenance personnel of each authorized service station can correctly maintain your vehicle and on-board equipment. The spare parts of each authorized service station of Chery NEV are all original spare parts of Chery New Energy.
- This manual describes the maximum possible range of equipment planned to be installed in the S51EV PEV models as of the time of printing, that is, all the standard and optional configurations of the S51EV models, some of which may only be supplied in the future or in a certain market, so some items in this manual may not apply to your vehicle.

New vehicle inspection

- The dealer of Chery NEV have carried out vehicle inspection in accordance with the regulations of Chery New Energy before handing over the vehicle to you.
- The dealer of Chery NEV shall fill in the delivery date in the inspection certificate and stamp its official seal.
- The dealer will check the performance of the vehicle against the Chery New Energy Vehicle Sales Delivery Card, introduce the general knowledge of the use of the vehicle, and have it signed by the salesperson and the user.

New vehicle running-in

Due to machining and assembly errors, the friction resistance between the moving parts of the new vehicle is much larger at the initial stage of use than that under normal conditions. The running-in effect at the initial stage of use of the vehicle has a great impact on the service life, working reliability and economy of the vehicle, so the use of the new vehicle must strictly follow the running-in regulations, generally, the running-in period is 3,000km.

Requirements for running-in within 1,000km:

You are not allowed to drive at a speed of more than 100km/h.

Requirements for running-in between 1,000 km and 1,500 km:

You can gradually increase to the maximum speed.

After the running-in period, please note that:

The new tires do not have the best adhesion at the beginning of use. Therefore, the new tires need to be subject to running-in, the speed shall be lower in the first 100km, and you should also drive more carefully.

New brake friction discs also require running-in, because in the first 200km running, the brake does not have the ideal friction. At this stage, if the braking effect is slightly poor, you can appropriately increase the pressure of the pedal. This is also applicable to the replacement of new brake friction disc every time in the future.

After the vehicle runs for 800km, the wheel nuts must be re-tightened to the specified torque. Similarly, if the wheel has been replaced or the wheel nuts have been loosened, the wheel nuts shall be re-tightened as per the specified torque after 800km running.

Delivery inspection certificate

This is to certify that this vehicle has been subject to the delivery inspection in accordance with the regulations of Chery New Energy Automobile Co., Ltd., and its quality conforms to the technical specifications of Chery New Energy Automobile Co., Ltd.

Delivery date: _____

Seal of dealer:

Car owner name (unit)

Responsible service station name

Address _____

Responsible person _____

Tel. _____

Tel. _____

1. Car owner service

Chery New Energy Vehicle Sales Delivery Card

1

Type	No.	Item	Whether the inspection is passed and a clear explanation is given	
			Yes <input type="checkbox"/>	No <input type="checkbox"/>
Whole vehicle performance	1	VIN, drive motor number, nameplate, etc.	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	2	Vehicle locks and keys	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	3	Vehicle light inspection	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	4	Vehicle windows	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	5	Speedometer, power meter, power battery meter, odometer	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	6	Tires, driver's tools and vehicle instructions, reflective vest	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	7	Seat belts, seats, A/C switch and air outlet, glove box, sun visor, mobile phone wireless charging	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	8	Window regulator, rearview mirror, wiper, washer, horn, audio system and antenna, panoramic sunroof, parking sensor	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	9	Seats, seat belts, A/C switch and air outlets, glove boxes and sun visors	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	10	Windows, side mirrors, windshield wipers and washers, batteries, parking radar system, horn, sunroof, audio system and antenna	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Operation items	1	Power battery charging operation and precautions	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	2	Normal operation during running-in period	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	3	Vehicle light operation	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	4	Description of warning and indicator lights	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	5	Correct maintenance time and mileage	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	6	Vehicle maintenance in winter/summer	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	7	Adequate understanding of cooling system and normal use of coolant	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	8	Correct operation of A/C	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	9	Precautions for vehicle startup	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	10	Correct operation of audio system	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	11	Correct use of sunroof	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	12	Precautions for vehicle starting and driving	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Signature of salesman:		Date:	User signature:	Date:

"One-to-one" Consultant Service Card (service station)

Table I (kept by the service station)

User name:		Model:	Date of purchase:
Sales service provider:		Vehicle identification number (VIN):	
The following are to be confirmed by the user:			
I. Confirmation of relevant matters at the time of delivery (mark "√" if any and "×" if no)			
<input type="checkbox"/>	Basic operations of the vehicle have been introduced, and inspections are made for delivery in the presence of users		
<input type="checkbox"/>	Quality warranty policies have been introduced		
<input type="checkbox"/>	Precautions for driving have been introduced		
<input type="checkbox"/>	The importance of regular maintenance and the interval/mileage of maintenance have been introduced		
<input type="checkbox"/>	The importance to maintain/repair the vehicle at the Special Service Station of Chery NEV has been introduced		
<input type="checkbox"/>	The Product Manual has been delivered and reminders to read to the manual are given		
<input type="checkbox"/>	The customer service hotline of Chery New Energy Company and its use has been introduced		
II. Introduction to "one-to-one" consulting service mode (mark "√" if any and "×" if no)			
<input type="checkbox"/>	Consult the service consultant, if you have any questions		
<input type="checkbox"/>	The service consultant is the only person designated by the service station to communicate with users		
<input type="checkbox"/>	A service consultant will be assigned for each user: "one-to-one"		
<input type="checkbox"/>	You can re-select the service consultant if you are not satisfied		
III. Introduction to the main work of the service consultant (mark "√" if any and "×" if no)			
<input type="checkbox"/>	Maintenance service reception		
<input type="checkbox"/>	Reminder/return visit for regular maintenance		
<input type="checkbox"/>	Courtesy follow-up at regular intervals		
<input type="checkbox"/>	Reminder/return visit for service activities		
<input type="checkbox"/>	Greetings at important days		
<input type="checkbox"/>	Reception of complaints		
<input type="checkbox"/>	Answering repair/maintenance consultations		
<input type="checkbox"/>	Accepting repair/maintenance appointments		
<input type="checkbox"/>	Giving reminders/acceptance of annual inspection		
<input type="checkbox"/>	Other matters required by users		
IV. Establishment of "one-to-one" consulting service relationship			
Service Management Business Card			
Signature of User / Date:			
Signature of Service Consultant/Date:			

1. Car owner service

Table II (kept by the customer)

1

User name:	Model:	Date of purchase:
Sales service provider:	Vehicle identification number (VIN):	
The following are to be confirmed by the user:		
I. Confirmation of relevant matters at the time of delivery (mark "√" if any and "x" if no)		
<input type="checkbox"/>	Basic operations of the vehicle have been introduced, and inspections are made for delivery in the presence of users	
<input type="checkbox"/>	Quality warranty policies have been introduced	
<input type="checkbox"/>	Precautions for driving have been introduced	
<input type="checkbox"/>	The importance of regular maintenance and the interval/mileage of maintenance have been introduced	
<input type="checkbox"/>	The importance to maintain/repair the vehicle at the Special Service Station of Chery NEV has been introduced	
<input type="checkbox"/>	The Product Manual has been delivered and reminders to read to the manual are given	
<input type="checkbox"/>	The customer service hotline of Chery New Energy Company and its use has been introduced	
II. Introduction to "one-to-one" consulting service mode (mark "√" if any and "x" if no)		
<input type="checkbox"/>	Consult the service consultant, if you have any questions	
<input type="checkbox"/>	The service consultant is the only person designated by the service station to communicate with users	
<input type="checkbox"/>	A service consultant will be assigned for each user: "one-to-one"	
<input type="checkbox"/>	You can re-select the service consultant if you are not satisfied	
III. Introduction to the main work of the service consultant (mark "√" if any and "x" if no)		
<input type="checkbox"/>	Maintenance service reception	
<input type="checkbox"/>	Reminder/return visit for regular maintenance	
<input type="checkbox"/>	Courtesy follow-up at regular intervals	
<input type="checkbox"/>	Reminder/return visit for service activities	
<input type="checkbox"/>	Greetings at important days	
<input type="checkbox"/>	Reception of complaints	
<input type="checkbox"/>	Answering repair/maintenance consultations	
<input type="checkbox"/>	Accepting repair/maintenance appointments	
<input type="checkbox"/>	Giving reminders/acceptance of annual inspection	
<input type="checkbox"/>	Other matters required by users	
IV. Establishment of "one-to-one" consulting service relationship		
Service Management Business Card		
Signature of User / Date:		
Signature of Service Consultant/Date:		

Introduction to the User's Manual

Notes to the user

1. This vehicle is a pure-play electric vehicle, and the working principle and characteristics of many parts and systems of the vehicle are very different from those of traditional fuel vehicles. Therefore, carefully reading the instructions in this manual is important for your personal safety and the safety of use of your vehicle, and ignoring these instructions may have serious consequences for the safety of the driver and passengers and the performance of the vehicle. It may also cause you to lose your maintenance or warranty rights.
2. This vehicle is equipped with two kinds of batteries, one is lithium-ion power battery (power battery), which is used to supply power for the drive motor and drive the vehicle, and the other is 12V lead-acid battery (hereinafter referred to as low-voltage battery), which is arranged in the front trunk, the functions of which are the same as those of the lead-acid battery of traditional fuel vehicles, and is used to supply power for the vehicle lights, audio, speaker and other low-voltage electrical systems on the vehicle. The power of the low-voltage battery comes from the power battery.
3. It is driven by pure electricity and does not need to be powered by an engine, which is the most important difference from traditional fuel vehicles. This vehicle uses the power battery to store electric energy, and try to ensure that the power battery has sufficient power before driving. In the process of vehicle running, the power battery is in a state of gradual discharge. When the power battery has insufficient power, it must be recharged, otherwise the vehicle cannot run.
4. Do not touch high-voltage components with bare hands when the high-voltage power supply isn't disconnected. High voltage components include: drive motor control unit, power 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. The high-voltage cables in the vehicle are wrapped with orange bellows, please pay attention to the identification.
5. This vehicle is equipped with an anti-lock brake system. In case of emergency brake, directly step on the brake pedal to the end, and do not gently step on the brake pedal repeatedly.
6. This vehicle can use an external power supply to charge the power battery. In addition, when this vehicle is braking, the drive motor converts the kinetic energy of the vehicle into electric energy and stores it in the power battery, thus extending the endurance mileage of the vehicle, which is called energy recovery.
7. This vehicle has a creeping function, that is, the vehicle is in a drivable state (the READY indicator goes on). When the gear is placed in D/R gear, release the brake pedal, and the EPB is released automatically, the vehicle will move forward or backward slowly.
8. Check the tire wear and tire pressure regularly in accordance with the methods recommended in this manual.
9. Please use the oil recommended in this manual and maintain the vehicle in accordance with the requirements of this manual, which will effectively prolong the service life of the vehicle.
10. This vehicle is equipped with airbags. In order to ensure the safety of children, do not use the rear-facing child restraint system in seats protected by frontal airbags (in the activated state).
11. In order to ensure your driving safety, it is prohibited to disassemble the vehicle parts by yourself, especially the chassis parts. Because some of the fasteners of the original vehicle are applied with anti-loose medium, and they cannot be reused after disassembly.
12. Modification or retrofitting of equipment is strictly prohibited for our products. We do not bear any responsibility for direct or indirect losses arising therefrom.
13. When cleaning the vehicle, do not point the water gun at the chassis connector for flushing.
14. The operating environment of the vehicle shall be free from corrosive, explosive and insulation damaging gases or conductive dust, and the temperature should not be too high or too low.
15. It is strictly prohibited to touch the positive and negative poles of the power battery with both hands at any time.
16. It is strictly prohibited to destroy the power battery by squeezing, piercing, burning and so on.
17. It is strictly prohibited for individuals to handle and store waste power batteries, which will be handled by the authorized service station of Chery NEV.

Prompt information



Warning

Indicates that if the warning is ignored, it may result in serious injury or death. The steps stated must be strictly followed, or the information provided must be carefully considered.



Caution

Indicates that the items stated here must be strictly followed, otherwise your vehicle may be damaged.



Reading

Informative statements that enable you to make better use of vehicle information.



Environmental protection

Indicates that the items stated here are related to environmental protection.

2. Pure-play electric system

Pure-play electric system

Pure-play electric system

Introduction to pure-play electric vehicles

This vehicle is a pure-play electric vehicle, and the working principle and characteristics of many parts and systems are very different from those of traditional fuel vehicles. Therefore, carefully reading the instructions in this manual is important for your personal safety and the safety of use of your vehicle, and ignoring these instructions may have serious consequences for the safety of the driver and passengers and the performance of the vehicle. It may also cause you to lose your maintenance or warranty rights.

This vehicle is driven by pure electricity and does not need to be powered by an engine, which is the most important difference from traditional fuel vehicles. This vehicle uses the lithium-ion power battery (power battery) to store electric energy, and the power battery must have sufficient power before driving. During driving, the power battery is in a state of gradual discharge. When the power battery has insufficient power, it must be recharged, otherwise the vehicle cannot run. The vehicle has two charging modes: AC slow charging and DC fast charging. AC slow charging includes slow charging with special charging pile and slow charging with portable emergency charging wire.

Precautions for use of power battery

With the increase of service life and charging times, the capacity of the power battery will decline, and the endurance mileage will decrease, which are normal phenomena. The cruising range and power battery capacity of the vehicle are affected by driving habits, storage conditions, charging mode and power battery temperature, etc. Please follow the following suggestions:

1. When a charging prompt is given, it shall be charged as soon as possible, which is conducive to protecting the cycle life of the power battery.
2. The service life of the power battery is related to the depth of discharge, and deep discharge shall be avoided. When the vehicle is out of use, the vehicle shall be charged in time, which is conducive to the recycling of the power battery and improving the service life. The situation of not charging for a long time after the charging prompt shall be avoided, otherwise it is likely to damage the power battery.
3. Drive gently and slowly. When the vehicle is running, excessive acceleration and deceleration are not conducive to the use of power batteries. It is recommended to maintain slow acceleration and avoid rapid deceleration as far as possible, which can significantly improve the endurance mileage and service life.
4. Avoid leaving the vehicle in a high temperature environment for a long time. When parking the vehicle in summer, please park the vehicle in a cool environment to avoid direct sunlight and keep away from the heat source.

5. Do not leave the vehicle in a low temperature environment for a long time. If the external temperature is very low, the interior of the power battery may freeze, resulting in failure of charging and supplying power for the vehicle. Please put the vehicle in a warm environment in time.
6. In case of AC charging (slow charging), the charging time is long, but it is conducive to protecting the power battery and can prolong the service life of the power battery. In case of DC charging (fast charging), the charging time is short, but the power battery life is affected.



Reading

Frequent fast charging will affect the power battery life, so slow charging is recommended.

7. In case of DC fast charging, it is recommended to unplug the charger at 90% battery power and not fully charge the battery, which is conducive to protecting the power battery and can prolong the service life of the power battery.
8. In the high temperature in summer, the use of fast charging shall be reduced or not, which is conducive to protecting the power battery and can prolong the service life of the battery.
9. If the vehicle is left unused for a long time, please keep the power battery at 50% power, and disconnect the negative pole of the low-voltage battery. It is recommended to charge the vehicle once a month. Please connect the negative pole of the low-voltage battery before charging.
10. Carry out full AC slow charging at least once a month, which is conducive to correcting the power of the battery.
11. Do not use the power battery on the vehicle for other purposes.

Precautions for use of electric vehicles

Since HV up to several hundred volts is used for the vehicle, please follow the warning label on the vehicle. To ensure your safety, please pay attention to the following points during use:

1. Please follow the warning labels attached to the vehicle parts;
2. Before driving, please make sure that the charging cable has been removed and the charging port is closed correctly, and check whether the warning and indicator lights of the instrument cluster are normal;
3. When cleaning the vehicle or on a rainy day, close the door, the front hood and the liftgate tightly to prevent water from directly wetting the high voltage system and the power battery, so as not to cause short circuit of the high voltage system.
4. When leaving the vehicle, be sure to switch the gear to P, so as to avoid accidental movement of the vehicle.
5. In the READY state and when the gear is in D/R gear, if the brake pedal is not pressed, the vehicle will creep.



Reading

- When the vehicle is charged in a low temperature environment, the charging time will increase.
- When the vehicle is running in a low temperature environment, since the discharge of the power battery will be reduced, the power performance and endurance mileage of the vehicle will be reduced, and it can be restored when the temperature increases.
- It is not recommended to drive at high speed for a long time. If the speed is greater than or equal to 140km/h for 20 minutes, the maximum speed of the vehicle will be limited to 130km/h; if the speed is greater than or equal to 130km/h for 40 minutes, the maximum speed of the vehicle will be limited to 120km/h.
- The vehicle is powered and driven by the power battery, and frequent acceleration will consume the power battery faster than steady speed.
- It is normal that the front trunk fan and water pump may work during slow charging.

Use skills at low/high temperature

■ Use skills at high temperature

7. Try to park the vehicle in the shade or underground garage to charge the vehicle. Too hot environment is not conducive to the charging state, but also affect the service life of the power battery and on-board charger;
8. In the process of use, the charging time and frequency shall be accurately controlled in accordance with the actual situation. Avoid affecting the service life of the power battery due to deep discharge.

■ Use skills at low temperature

1. Try to park the vehicle in the shelter, sun or garage to charge the vehicle, preferably in the insulated 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 a certain distance of running, the temperature of the power battery 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, i.e. the charging indicator goes on in green, unplug the charger when you need to use the vehicle;
4. When the ambient temperature of the vehicle is lower than -10°C, fast charging shall be avoided as far as possible, and it is recommended to choose slow charging to make your power battery in the best condition.



Caution

- When the ambient temperature is too low or too high, fast charging shall be avoided.
- The charging time in low temperature environment will be prolonged. In case of charging in low temperature environment, the power battery needs to be heated, and the charging energy consumption will increase, which is a normal phenomenon.

Precautions for use of vehicle in extremely hot and cold environments

The best ambient temperature for the vehicle is about 25 °C. Using and storing the vehicle in extremely hot and cold environments will have a certain impact on the function and performance of the vehicle. If the vehicle must be used and stored in such environments, please carefully read and follow the following requirements.

■ Extremely hot environment

1. Do not leave the vehicle in a high temperature environment above 40°C for a long time. When parking the vehicle, please park the vehicle in a cool environment, and avoid charging in the sun.
2. When the ambient temperature is higher than 40°C, it may lead to the restriction of vehicle power or the prolongation of charging time, which is a normal phenomenon.

■ Extremely cold environment

1. When the vehicle is parked in an extremely cold environment, please use slow charging immediately. If you cannot charge the vehicle in time, please keep the power battery above 60%.
2. Do not store the vehicle in a low temperature below -20°C for a long time, and please place the vehicle in a warm environment in time. If the ambient temperature is lower than -25°C, the vehicle may not run. At this time, you need to warm up the vehicle before you can drive it.



Caution

Any improper use may damage your vehicle and may also cause your vehicle to lose its warranty. Especially in extreme environments (such as below -20°C or above 40 °C), key components of your vehicle (such as power batteries) may be damaged, and even the vehicle may not run.

■ Safety tips for driving on ice and snow-covered roads

1. Check whether the braking system is normal before driving;
2. Slow down and avoid rapid acceleration on ice and snow-covered roads;
3. Keep a safe interval and follow the track ahead;
4. Avoid emergency braking, and mainly gently step on the brake pedal for braking;
5. Slow down ahead of time before turning, and turn a big corner at a slow speed;
6. Put the wiper up after parking to prevent freezing.

2. Pure-play electric system



Caution

As the snow melting salt has a certain corrosive effect on the car paint, chassis, electrical wires and lines, so after running on the road with snow melting salt, the vehicle shall be cleaned in time to prevent vehicle corrosion.

2

Troubleshooting

The following conditions are considered as faults, please contact the authorized service station of Chery NEV for maintenance:

1. After the power battery is fully charged, the power battery cannot be connected upon startup, and the charging cable connection indicator and the power battery cut-off indicator goes on; Please check whether the external charging cable is unplugged. The vehicle cannot run when the external charging cable is connected.
2. The vehicle is fault-free, but cannot be started (the READY indicator does not go on): Please make sure whether the gear is in N. If not, please return to N and try to start the vehicle again.
3. After the vehicle is started, the gear of the instrument cluster flashes, and the vehicle cannot run. The shift operation is incorrect. Please follow the regulations and gently step on the brake pedal to shift the gear.
4. The power limit indicator lights up (it will also light up when the power battery temperature is too high), the power performance is weakened, and the maximum speed is limited; the vehicle system fault indicator light, power battery fault indicator light and motor and controller fault indicator light are on, and the vehicle cannot run. Please contact the authorized service station of Chery NEV for maintenance in time.
5. If there are other faults, please contact the professionals of the authorized service station of Chery NEV for maintenance.

Emergency cut-off system

■ Automatic power-off function in case of high voltage fault
The vehicle has the automatic power-off function in case of high voltage fault. When the high-voltage parts of the vehicle fail, in order to protect the personnel in the vehicle, the vehicle will automatically cut off the high-voltage power supply. When the following indicators of the instrument cluster of the vehicle go on, the vehicle will automatically cut off the high-voltage power supply:

1. If the insulation fault warning light and the power battery cut-off indicator go on at the same time, it indicates that the high-voltage parts of the vehicle have insulation faults, and the vehicle will automatically cut off the high voltage.
2. If the power battery fault warning light and the power battery cut-off indicator go on at the same time, it indicates that the vehicle detects that the power battery is faulty, and the vehicle will automatically cut off the high voltage.
3. If the vehicle system fault warning light and the power battery cut-off indicator go on at the same time, it indicates that the vehicle system is faulty, and the vehicle will automatically cut off the high voltage.
4. If the motor and controller fault warning light and the power battery cut-off indicator go on at the same time, it indicates that the electric drive system is faulty, and the vehicle will automatically cut off the high voltage.

5. If the abnormal power battery temperature warning light and the power battery cut-off indicator go on at the same time, it indicates that the power battery temperature is too high, the vehicle will automatically cut off the high voltage, and it can be started normally after the power battery temperature decreases.
6. If the abnormal power battery temperature warning light flashes and the power battery cut-off indicator goes on, it indicates that the power battery temperature is too low, the vehicle will automatically cut off the high voltage, and it can be started normally again after the power battery temperature increases.



Caution

- In case of power failure, please contact the authorized service station of Chery NEV as soon as possible for maintenance. When the vehicle goes into the sliding state in case of power failure in the process of running, you should turn on the hazard warning flasher and drive the vehicle to the emergency lane or safety zone, and then contact the authorized service station of Chery NEV as soon as possible for maintenance.
- In the charging process or after charging, if the vehicle is started with the charger unplugged, the vehicle cannot be started, and it can be restarted after the charger is unplugged.

Automatic power-off function in case of collision

If the vehicle collides and the relative speed is the set threshold, the vehicle will automatically cut off the high-voltage power, and the vehicle system fault indicator light, power battery cut-off indicator light and turn signal light on the instrument cluster will go on at the same time.

Safety protection

1. Those other than professionals from Chery New Energy are strictly prohibited to assemble/disassemble the power battery.
2. Do not use organic solvents to clean the power battery case, otherwise it may damage the surface insulation coating and form an insulation hazard.
3. Do not put the metalware together with the power battery assembly, and do not park the vehicle in a place where there are spark spatters or puddles of water.

High temperature working mode of power battery

If the vehicle is used under the following circumstances, it may enter the high temperature working mode:

1. The ambient temperature is high, and the vehicle runs after exposure to the sun;
2. The ambient temperature is high, and the vehicle runs after fast charging;
3. After running at high speed, the vehicle is fast charged and then runs. When the high temperature working mode is entered, the instrument cluster will give a text prompt, and the power drop indicator and the high-power battery temperature warning light will go on. At this time, the power performance of the vehicle will be weakened, and the maximum speed will be limited, which is a normal phenomenon to ensure the service life of the power battery. By reducing the speed or parking, the temperature of the power battery can be restored to normal use condition.

Power battery recycling requirements and procedure information

The power battery is installed in the position of the vehicle chassis and is composed of lithium battery cells. Random disposal will cause pollution and harm to the environment.

In accordance with the relevant regulations, the vehicle owner has the obligation to hand over the waste power battery to the recycling service outlet. If the waste power battery is handed over to other units or individuals, and the power battery is removed or disassembled without permission, the vehicle owner shall be responsible for the environmental pollution or safety accident caused therefrom.

Be sure to carry out the disposal in accordance with the following information or requirements. For more information about the recycling and disposal of power batteries, please consult the authorized service station of Chery NEV for details.

1. Personnel requirements: The power battery disassembly operation must be carried out by professionals certified by the power battery supplier;
2. Transportation: Power batteries belong to Class 9 dangerous goods and must be transported by vehicles with Class 9 dangerous goods transportation qualification;
3. Storage: The removed power batteries shall be stored at room temperature and in a dry environment, and kept away from combustibles, heat sources, water sources and other hazards;
4. The waste power battery temporary recycling service outlet of Chery NEV is the local authorized service station of Chery NEV.

Charging instructions

The charging modes of this vehicle include charging with AC charging pile (AC slow charging), charging with DC charging pile (DC fast charging) and charging with portable emergency charging cable (emergency charging). The layout of DC/AC charging ports may vary slightly from country/region to country/region, and the layout of the actual vehicle shall prevail.

Charging precautions

1. Be sure to confirm and use charging equipment that complies with national standards such as GB/T18487-2015 and GB/T20234-2015; if a portable emergency charging cable is used for charging, please select single-phase two-stage grounded power sockets (16A/AC250V) that comply with national standard to ensure that the maximum current borne by the socket cable shall be $\geq 16A$ (wire cross-sectional area $\geq 2.5\text{mm}^2$), so as to avoid charging safety issues caused by misoperation or abnormal charging equipment;
2. Please ensure that the charging equipment is reliably grounded and has the function of leakage protection;

3. Please select a suitable charging place or take necessary protective measures to avoid charging safety problems;
4. Be sure to check whether the charging port and cable of the vehicle are broken or damaged before each charging. If so, please contact the authorized service station of Chery NEV in time;
5. In case of any abnormal situation, do not replace or disassemble any parts without authorization, please contact the authorized service station of Chery NEV in time;
6. Before preparing for charging, be sure to switch the gear to P to ensure that the vehicle will not move;
7. In the process of charging, please do not attempt to drive the vehicle or have other behaviors that affect the safety of charging;
8. In the process of charging, if you need to end the charging ahead of time, please unplug the charger and end the charging on the premise of ensuring safety;
9. With the impact of external factors such as the service life of the vehicle, the ambient temperature or the local charging voltage, the charging time of the vehicle will increase compared with the normal charging time;
10. In case of charging at a low temperature, the battery control system will automatically turn the battery heating system on and off in accordance with the temperature of the battery cell during charging, so the charging time will be increased;
11. After completion of charging, please unplug the charger in time. Considering the high temperature of the charging plug terminal, please do not touch the charging plug, so as to avoid scalding;
12. In the normal temperature environment, under the premise that the power of the charging equipment meets the needs of the vehicle, the DC charging time is generally shorter; note that in high and low temperature environments, in order to effectively prolong the service life of the power battery, 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 also be increased;
13. Before charging/discharging, please carefully check the charging/discharging connection equipment to ensure that the power supply equipment, charging/discharger, charging port, charging/discharging connection device, etc. are free from cable wear, rust, shell rupture or foreign matters in the port;
14. Minors are prohibited from charging/discharging operations or touching or using the charging/discharging equipment. The charging/discharger is a high-voltage electrical device, so do not let minors approach it during charging/discharging;
15. Charging/discharging may affect medical or implantable electronic devices. Consult the electronic equipment manufacturer before charging/discharging to avoid affecting the normal operation of relevant electronic devices;

2. Pure-play electric system

2

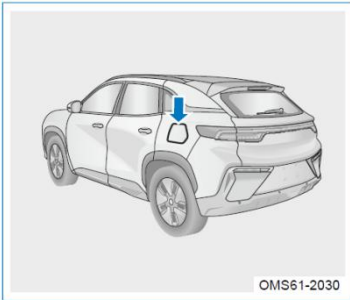
16. Please select a safe and reliable environment for charging, and avoid charging in moist, fire source, heat source and other environments;
17. Please use the special charging/discharging equipment for electric vehicles that meet the relevant national standards, and it is strictly prohibited to use nonconforming products, or to disassemble or modify the original charging/discharging equipment, so as to avoid charging safety accidents;
18. If you find that the vehicle or charging/discharging equipment is abnormal in the charging/discharging process, please stop the charging/discharging immediately, and contact the authorized service station of Chery NEV in time;
19. In case of charging/discharging, in order to avoid damage to the charging/discharging equipment or vehicles by external factors, do not carry out vehicle charging/discharging in severe weather conditions such as thunder/storm/rain/snow;
20. After completion of charging/discharging, please make sure that the charging/discharging equipment is completely separated from the charging port, and the charging port cap is completely closed.



Caution

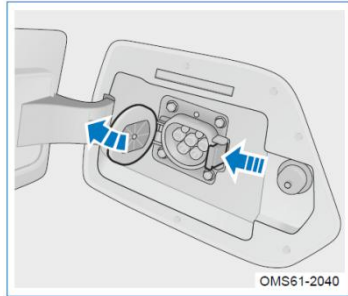
If the power is cut off abnormally in the charging process, or the charger is not unplugged for a long time after the vehicle is fully charged, it may lead to battery loss and startup failure of the vehicle. This phenomenon is not a product quality problem. Please strictly follow the above charging precautions. If you have any questions, please contact the authorized service station of Chery NEV in time. We do not bear any legal liability for the charging safety problems caused by improper use by users.

AC charging (slow charging)

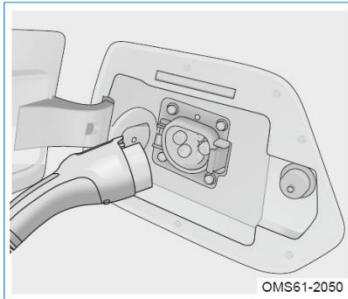


1. Park the vehicle in a chargeable area, switch the gear to P, and apply the parking brake.

2. Press the right area of the AC charging port cover and open the charging port cover.

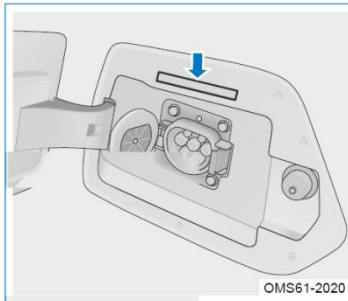


3. Pull the AC charging interface protection cover buckle to the right and eject the charging interface protection cover;



4. Remove the charger from the AC charging pile, and plug it into the AC charging port until a light sound is heard.
5. After charging, press and hold the upper button of the charger, and pull out the charger from the AC charging port.
6. Close the AC charging port and the charger protective cover and then close the charging port cover.

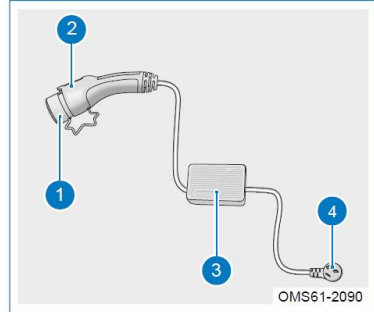
Charging indicator



2. Pure-play electric system

Portable emergency charging cable (if equipped)

The portable emergency charging cable is provided for charging, with the advantages of safety, reliability, small size, and convenient carrying. It has overvoltage, undervoltage, overcurrent, leakage safety and other protection functions.



- 1 Charging gun
- 2 Mechanical lock button
- 3 Control box
- 4 Power plug

The charging indicator is installed inside the charging port cover, with a total of 5 LEDs.

1. When the SOC is $\leq 12\%$, 5 LEDs flash;
2. When $12\% < \text{SOC} \leq 32\%$, 1 LED is normally on, and 4 LEDs flash;
3. When $32\% < \text{SOC} \leq 52\%$, 2 LED is normally on, and 3 LEDs flash;
4. When $52\% < \text{SOC} \leq 72\%$, 3 LED is normally on, and 2 LEDs flash;
5. When SOC is $> 72\%$, 4 LEDs are normally on, and 1 LED flashes;
6. When the battery is fully charged, 5 LEDs are normally on.

Electronic lock of AC charging socket

The AC charging socket of this vehicle has the function of electronic lock to prevent hot plugging/unplugging of the charger and avoid charging safety problems.

■ Electronic lock locking

The 32A AC charging pile that complies with the national standard is used for charging. After the charger is plugged in place and the electronic lock is locked automatically, the vehicle begins to be charged.



Warning

After the electronic lock is locked, if you need to unplug the charger, please unlock the electronic lock before unplugging the charger; do not unplug the charger forcibly, so as not to damage the charging equipment such as electronic lock or charger.

■ Electronic lock unlocking

Normal electronic lock unlocking includes the following two modes:

1. First press the locking key on the key fob, then press the unlocking key on the key fob to unlock the electronic lock, and finally gently press the mechanical lock button on the charger to unplug the charger.
2. If the key fob is not used, hold the charger with your hand and press the button on the charger with your thumb. After hearing the sound of electronic lock unlocking, lift your thumb first, and then quickly press the mechanical lock button on the charger again to unplug the charger.



Reading

- If the charger has not been unplugged after the electronic lock is unlocked, the electronic lock will be locked again automatically after a few 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 first, lock the vehicle, and then carry out the above electronic lock unlocking operation.
- Adjust the backrest to the foremost position and hold for 1s;
- Adjust the backrest to the rearmost position and hold for 1s;
- Verify the Easy-entry function of seats and confirm if it is restored.

If the above unlocking mode is ineffective, emergency unlocking can be carried out by cutting off the power supply of the charging device (e.g. click stop charging in the APP interface, turn off the charging pile power supply, press the emergency stop switch of the charging pile) and so on.



Reading

- When the vehicle is fully charged, the green charging port indicator light on the vehicle end is always on/the 5 LEDs of the AC slow charging breathing light are always on, indicating "charging completed". At the moment, please pull out the charger in time to end the charging.
- In the process of charging, if there are abnormal situations such as the charging port indicator light on the vehicle end doesn't work, the charging indicator light doesn't work, or failure to charge, please contact the authorized service station of Chery NEV in time.
- Only when both the power battery and the storage battery are fully charged, the indicator light on the portable emergency charging cable shows "Charging Completed". When the power battery is fully charged but the storage battery is still in charging, the indicator light on the portable emergency charging cable shows "Normal Charging Mode".

2. Pure-play electric system



Caution

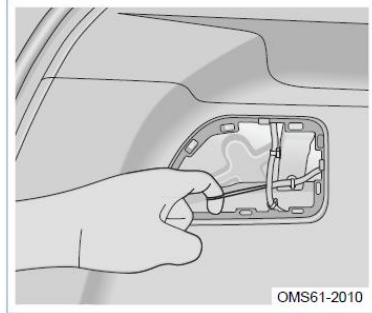
- In case of early termination of charging, please first press the mechanical lock button on the charger, pull out the charger, and then disconnect the power plug.
- In the process of charging, if there are abnormal situations such as the charging port indicator light on the vehicle end doesn't work, or failure to charge, please contact the authorized service station of Chery NEV in time.
- The portable emergency charging cable is a special charging tool used by users under emergency. It is recommended to use the AC/DC charging station for daily vehicle charging; Special attention shall be paid to the fact that when the ambient temperature of the vehicle is $< 0^{\circ}\text{C}$ and the capacity of the power battery showed on the dashboard is "1", considering the demand for low-temperature heating power of the power battery, the user shall not use the portable emergency charging cable to charge the vehicle, but shall use the AC/DC charging station to charge the vehicle as required; If a portable emergency charging cable is used to charge the vehicle, it will cause the vehicle to be unable to charge. Please contact the authorized service station of Chery NEV in time.
- When the vehicle is fully charged, the green charging port indicator light on the vehicle end is normally on, indicating "charging completed". At the moment, please pull out the charger in time to end the charging. If the charger is not unplugged for a long time after the vehicle is fully charged, it may lead to battery loss.



Warning

- Don't forcefully pull out the charger when charging, otherwise it may cause damage and danger.
- Don't use an AC/DC adapter for charging, otherwise it may cause vehicle damage and personal injury.
- Charging equipment should be placed out of reach of children and it is prohibited for children and other people in need of care to carry out charging operations.
- Refueling and charging should not be done simultaneously. When the charger is plugged, do not refuel and keep a sufficient safe distance from inflammables. Otherwise, there is a danger of equipment damage and personal injury when the charging cable is not inserted or unplugged according to regulations.

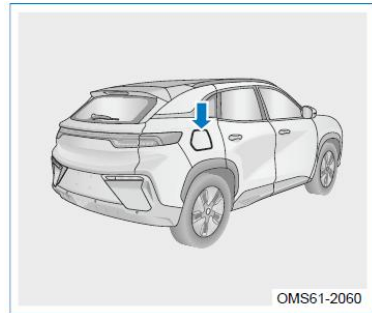
Manually release the charger (AC charging only)



If the upper button of the charger cannot be pulled out from the AC charging port, the charger can be manually released by using a cable.

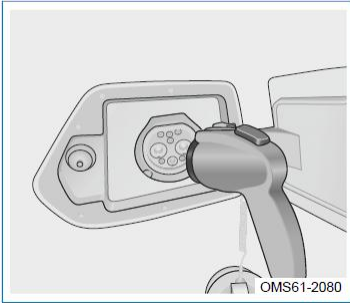
If the charger cannot be opened normally, remove the left trim panel from the rear trunk and pull the charger release cable to manually release the charger.

DC charging (fast charging)



1. Park the vehicle in a chargeable area, switch the gear to P, and apply the parking brake.
2. Press the left area of the fast charging port cover on the right rear of the vehicle to open the fast charging port cover.

2. Pure-play electric system



3. Remove the dedicated DC charger from the charging pile, unplug the protective cover of the DC charging port, and plug the charger into the DC charging port until a light sound is heard.
4. After charging, unplug the charger from the DC charging port.
5. Close the DC charging port and the charger protective cover and then close the charging port cover.
6. Finally, put the charger back on the DC charging pile.



Caution

- When the ambient temperature is too high/too low, the charging duration of the vehicle will be appropriately extended, which is a normal phenomenon. In order to ensure the best charging performance of the power battery, the vehicle charging system will adaptively adjust the charging power and charging duration with the change of temperature.
- In case of fast charging of the vehicle, it is recommended to unplug the charger at 90% battery power and not fully charge the vehicle, which is conducive to protecting the power battery and prolonging the service life of the power battery.

Intelligent power recharge

When the vehicle meets certain conditions, check the battery voltage periodically (every hour after setting). If the battery voltage is lower than 12.5V, the vehicle will be connected to high-voltage power, and the function of intelligent power replenishment will be enabled.

- When the voltage is greater than or equal to 11V but less than 12.5V, charge the battery for 20min.
- When the voltage is greater than or equal to 10.5V but less than 11V, charge the battery for 40min.
- When the voltage is less than 10.5V, charge the battery for 60min.

After the timing is over, the high-voltage power is turned off and the vehicle sleeps.

Functional limitations

1. If the HV system is faulty or disconnected, the intelligent power replenishment will be terminated or this intelligent power replenishment will not be carried out.
2. If the vehicle is powered up, other remote functions have power-up requests, or the fast and slow charger is plugged, the intelligent power recharge will exit;
3. The SOC does not act as a condition to limit the intelligent power recharge.

Acoustic Vehicle Alert System (AVAS)

When the vehicle is traveling at low speeds, the Acoustic Vehicle Alert System (AVAS) emits a warning tone to alert the driver and improve driving safety.

Every time the vehicle is started, the pedestrian protection sound is ON by default. At the moment, the pedestrian protection sound can be turned on or off through the audio system.

When the vehicle is moving forward (at a speed ≤ 30 km/h) or reversing, the AVAS emits a warning tone to alert the driver to pedestrians and vehicles outside the vehicle; When the vehicle is moving forward at a speed exceeding 30km/h or reversing, the (AVAS stops working).



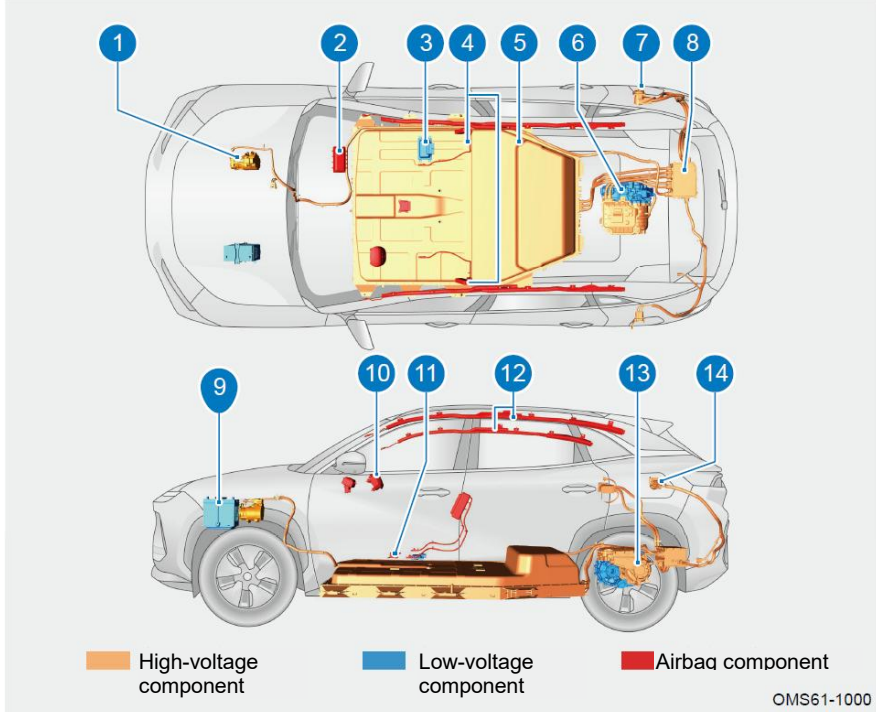
Warning

Don't turn off the pedestrian protection sound in areas where pedestrians may be present. Otherwise, pedestrians may not hear the warning tone of the AVAS and may not notice any approaching vehicles, which may cause serious personal injury.

2. Pure-play electric system

Rescue Information Card

2



- | | | |
|--------------------------------|--------------------------|--------------------------------|
| ① Electric compressor assembly | ② Front passenger airbag | ③ Vehicle control unit |
| ④ Front seat side airbag | ⑤ Power battery | ⑥ Reducer assembly |
| ⑦ Fast charging port | ⑧ CDU assembly | ⑨ LV storage battery |
| ⑩ Driver airbag | ⑪ Airbag module | ⑫ Curtain airbag (if equipped) |
| ⑬ Drive motor control unit | ⑭ Slow charging port | |

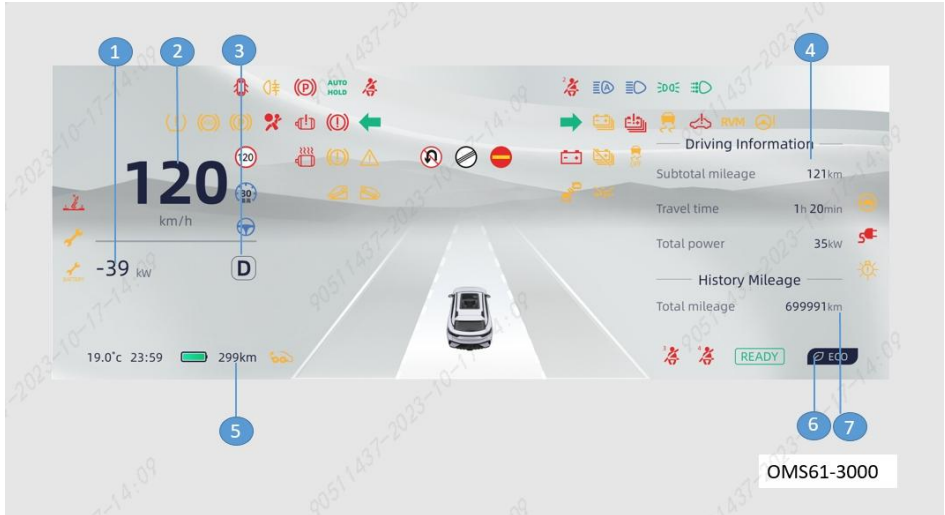


Warning

- In case of a traffic accident, to avoid personal injury or even death, do not touch the HV components and HV harnesses shown in the figure.
- When cutting and rescuing the vehicle, avoid the components shown in the figure. Rescue personnel must take basic rescue protective equipment and choose high-pressure rescue protective equipment or fire rescue protective equipment depending on the on-site conditions. Failure to follow the instructions will lead to serious personal injury or death.

Instrument cluster

Instrument cluster



- | | | | | | |
|---|---------------------|---|---------------|---|------------------|
| ① | Power meter | ② | Speedometer | ③ | Gear information |
| ④ | Driving information | ⑤ | Driving range | ⑥ | Driving mode |
| ⑦ | Odometer | | | | |

Speedometer

The speedometer is used to display the current speed of the vehicle. (in km/h)

You can drive at high speed on the road with good conditions, but for the sake of driving safety, stability and comfort, drive at the speed specified by traffic rules on ordinary roads.

Power meter

The power meter is used to display the current output power of the vehicle. (in kw)

When the drive motor consumes electrical energy and outputs power, the power is displayed as a positive value; When the drive motor generates electricity (via the energy recovery system) to charge the power battery, the power is displayed as a negative value.

Driving range

The driving range is used to display the ratio between the current predicted driving mileage and the maximum driving mileage of the vehicle.

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

Gear information

The currently selected gear information.

Odometer

Display the total mileage traveled by the vehicle.

3. Driving preparation

Driving information

Display driving related information.

















Work/fault indicator lights

The service indicator lights are used to prompt the driver about the operation status of a system of the vehicle, and the corresponding service indicator light goes on.



















The fault indicator lights are used to warn the driver about a malfunction of a system function of the vehicle, and the corresponding fault indicator light goes on or flickers.

When the vehicle is powered up, most of the fault indicator lights go on for a short time for system self-checking. If a fault indicator light is still on or flickers after the vehicle is started, go to an authorized service station of Chery NEV immediately for repair of the relevant system.











3

	Daytime running light	Start the vehicle and the indicator light will light up.
	Turn signal indicator light	At the same time when the left or right turn signal light is turned on, the corresponding indicator light flickers. When the switch of the hazard warning light is turned on, the left and right turn signal indicator lights flicker at the same time. If the flickering frequency of a turn signal light is doubled, it indicates the turn signal light has a problem.
	Marker light indicator	When a marker light is turned on, the indicator light goes on.
	High beam indicator light	When the high beam headlights are turned on or flickers, the indicator light goes on.
	Low beam indicator light	When the low beam is turned on, this indicator light goes on.
	Rear fog light indicator	When the rear fog light is turned on, the indicator light goes on.
	Automatic parking indicator light	When Autohold works, the rear fog light indicator lights up.
	Intelligent high beam working indicator light	When the intelligent high beam is turned on, this indicator light goes on.
	Intelligent high beam fault indicator light	When the intelligent high beam is faulty, this indicator light goes on.
	Fault indicator light	This indicator light is used to indicate vehicle fault. Please go to the authorized service station of Chery NEV for maintenance as soon as possible.
	Acceleration slip regulation (ASR) indicator light	When the ASR works, this indicator light flashes. When the ASR is faulty, this indicator light is normally on. Please go to the authorized service station of Chery NEV for maintenance as soon as possible.
	Acceleration slip regulation (ASR) shielding indicator light	When the ASR is turned off, the indicator light is normally on.
	Vehicle power limit indicator light	The indicator is used to warn the driver the system power is limited.
	EPB fault indicator light	This indicator light is used to indicate EPB failure. Please go to the authorized service station of Chery NEV for maintenance as soon as possible.
	T-BOX fault indicator light	If the network signal is poor or T-BOX malfunctions, this indicator light will light up. If the vehicle is in an area with good signals and the indicator light is still on, please go to the authorized service station of Chery NEV for overhaul A.S.A.P.
	Forward Collision Warning (FCW) fault indicator light	This indicator light is used to indicate Automatic Emergency Braking (AEB) failure. Please go to the authorized service station of Chery NEV for maintenance as soon as possible.

3. Driving preparation

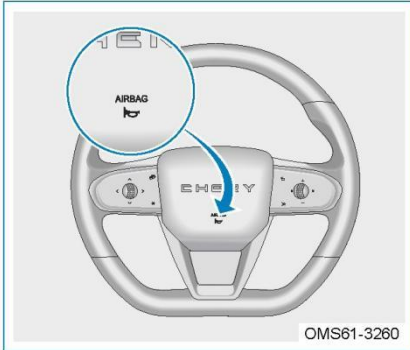
	Vehicle maintenance alert indicator	If the indicator light is constantly on, it warns the driver that the vehicle needs maintenance, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	Power battery maintenance indicator	The indicator light flickers to warn the driver that the power battery needs maintenance, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	Power battery cut-off indicator light	If the indicator light is constantly on, it means the driver should cut off the connection between the power battery and the drive motor.
	BSD fault indicator	The indicator is used to display that the BSD system is in a faulty state. Please go to an authorized service station of Chery NEV for maintenance as soon as possible.
	Driver's seat belt unfastened warning light	When the vehicle is powered up and the driver is not wearing a seat belt, this warning light will go on.
	Charger connection indicator	During charging of the vehicle, the charging wire connection indicator light is on.
	Door open indicator	The indicator is used to indicate the opening and closing status of the driver's door.
	EPB indicator	The indicator is used to display that the current vehicle is in the EPB applied state.
	HDC indicator light	The indicator is used to display that the current vehicle HDC is working.
	HDC fault indicator light	The indicator is used to warn the driver that there is a fault in the vehicle HDC. Please go to an authorized service station of Chery NEV for maintenance as soon as possible.
	HAC indicator light	The indicator is used to display that the current vehicle HAC is working.
	HAC fault indicator light	The indicator is used to warn the driver that there is a fault in the vehicle HAC. Please go to an authorized service station of Chery NEV for maintenance as soon as possible.
	Electric drive system overheating alarm indicator	The indicator light is used to warn the driver that the motor or controller temperature is high and there is a problem in the cooling system, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	Insulation fault indicator light	The indicator is used to warn the driver there is a problem in the system insulation: in case of general current leakage, the indicator light would be constantly on, and in case of serious current leakage, it flickers. If the indicator light is on, go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	Brake light fault indicator	The indicator light is used to warn the driver that there is a problem in the brake light, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	Airbag fault indicator light	The indicator light is used to warn the driver that there is a problem in the air bag system, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	Electric drive system fault indicator light	The indicator light is used to warn the driver that there is a problem in the electric drive system, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	Power battery fault indicator light	The indicator light is used to warn the driver that there is a problem in the power battery, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.

3. Driving preparation

	TPMS fault indicator light	The indicator light is used to warn the driver that there is a problem in the tire pressure system, in which case, check if the tire pressure is too low or high, and if the pressure is abnormal, go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	Vehicle system fault indicator light	The indicator light is used to warn the driver that there is a problem in the vehicle system, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	Brake system fault indicator light	The indicator light is used to warn the driver that the brake fluid level is low or there is a problem in the brake system, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	ABS fault indicator	The indicator light goes on to warn the driver that there is a problem in the antilock braking system, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.
	Battery charge and discharge fault indicator light	The indicator is used to warn the driver that there is a fault in the battery charging/discharging. Please go to an authorized service station of Chery NEV for maintenance as soon as possible.
	Low power battery SOC indicator light	The indicator is used to inform the driver that the power battery is low and needs to be charged in time.
	Speed limit reminder indicator	The indicator is used to remind the driver to maintain the speed on the current road section and avoid speeding.
	LKA work indicator	The indicator is used to remind the driver that the LKA is working.
	ACC work indicator	The indicator is used to remind the driver that the ACC is working.
	Driving readiness indicator light	The indicator light is used to alert the driver the vehicle is fully ready for normal driving. If the indicator light fails to go on, it means the vehicle has a problem or other conditions are not met, and you should go to an authorized service station of Chery NEV A.S.A.P. for maintenance.

Steering wheel

Horn



Press the area near the horn mark on the steering wheel to sound the horn.

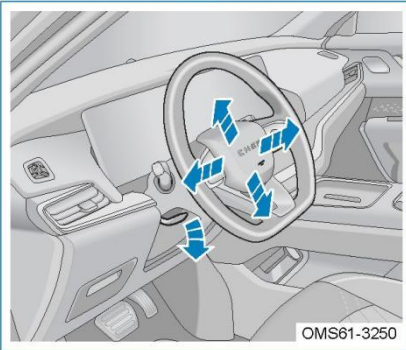


Caution

- Do not use the horn in schools, hospitals and residential areas.
- Strictly abide by the relevant local regulations on the use of horns.

Steering wheel adjustment

Park the vehicle in a safe location and switch to P gear:



- Press down the adjusting lever and release it;
- Hold the steering wheel with both hands and adjust it in the up/down/forward/backward direction to the desired position;
- Hold the steering wheel steady while pushing the adjusting lever back to its original position;
- Check whether the steering wheel shakes. If the steering wheel shakes, repeat Step 3.



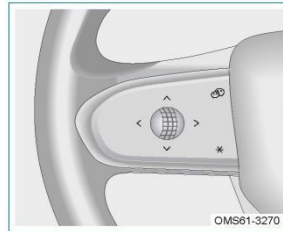
Warning

- Do not adjust the steering wheel during driving, otherwise accidents may be caused by the driver's misoperation, resulting in serious injury or even death.
- For safety reasons, after adjusting the steering wheel, be sure to push the adjusting lever to its original position, and try to move it up and down/back and forth to ensure that it is firmly locked, otherwise the steering wheel may move suddenly during driving, so as to avoid unnecessary injury and loss.

Steering wheel heating (if equipped)

After the vehicle is powered up, the steering wheel heating function can be turned on or off in the IHU. The steering wheel heating can also be operated remotely on the mobile APP.

Steering wheel keys



[Scroll wheel]: Press it to turn on/off the A/C system.

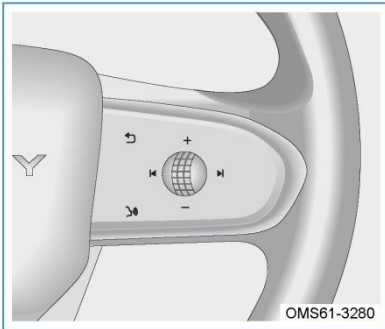
- A/C mode (default)
 - Turn the scroll wheel upward: the A/C temperature increases.
 - Turn the scroll wheel downward: the A/C temperature decreases.
 - Turn the scroll wheel to the left: the A/C air volume decreases.
 - Turn the scroll wheel to the right: the A/C air volume increases.
- Cruise mode
 - Turn the scroll wheel upward: the CCS/ACC speed increases.
 - Turn the scroll wheel downward: the CCS/ACC speed decreases.
 - Turn the scroll wheel to the left: the ACC time interval adjustment decreases.
 - Turn the scroll wheel to the right: the ACC time interval adjustment increases.
- Side mirror mode

3. Driving preparation

- Turn the scroll wheel upward: the left exterior side mirror is tilted upward.
 - Turn the scroll wheel downward: the left exterior side mirror is tilted downward.
 - Turn the scroll wheel to the left: the left exterior side mirror is tilted to the left.
 - Turn the scroll wheel to the right: the left exterior side mirror is tilted to the right.
4. Instrument adjustment mode
- Turn the scroll wheel upward: the instrument cluster flips upward.
 - Turn the scroll wheel downward: the instrument cluster flips downward.

[🗨️] WeChat button (if equipped) : Enter/exit WeChat APP. This function is subject to local network and APP and regulatory restrictions, and may not be available in some countries

[*] Custom button (if equipped) : press it for one-key photo taking (default), steering wheel heating, media audio source switching, etc.; and press and hold it to enter the Custom Settings screen.



[Scroll wheel]: press it to play/pause; press and hold it to mute (Bluetooth phone: press it to answer, and then press it to hang up after answering (adjust to press and hold it to hang up after answering, press it to mute and unmute the microphone); press and hold it to reject a call).

1. Multimedia mode (default)
 - Turn the scroll wheel upward: volume up.
 - Turn the scroll wheel downward: volume down.
 - Turn the scroll wheel to the left: switch to the previous song.
 - Turn the scroll wheel to the right: switch to the next song.
2. Side mirror mode
 - Turn the scroll wheel upward: the right exterior side mirror is tilted upward.
 - Turn the scroll wheel downward: the right exterior side mirror is tilted downward.
 - Turn the scroll wheel to the left: the right exterior side mirror is tilted to the left.

- Turn the scroll wheel to the right: the right exterior side mirror is tilted to the right.

[↶] Back button: press it to return to the previous level, and press and hold it to return to the homepage.

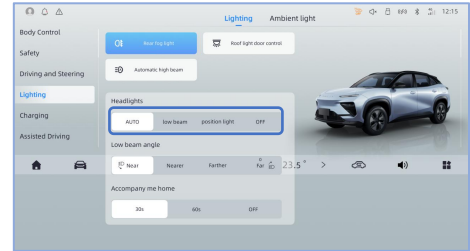
[🗨️] Voice button (if equipped) : press it to wake up the voice assistant.

The above functions are limited by local networks, apps, and regulations, and may not be available in some countries.

Lighting system

Outside lighting

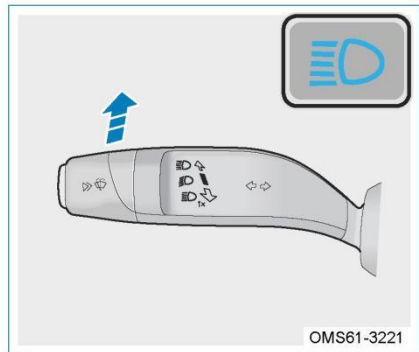
Turn on/off exterior lighting



Click the headlight switch button in the light setting interface of the audio system to turn on/off the corresponding lights.

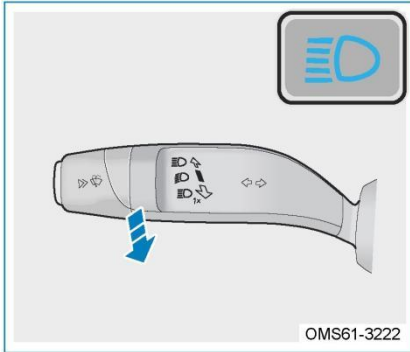
- Off: Turn off the exterior lighting.
- Auto: Automatically sense the strength of the external light, and control the on/off of the marker light and low beams.
- Low beams: Front and rear marker lights, license plate lights, ambient light, and backlight are illuminated.
- Position light: The low beams of the headlights are turned on and the position lights remain on.

Headlight high beam



After the low beams are turned on, then turn the wiper light combination switch to the side away from the steering wheel and release it, and the high beams will light up.

Turn off the high beams of the headlights, turn the wiper light combination switch towards the steering wheel and release it.



Turn the wiper light combination switch towards the steering wheel and release it. The high beams of the headlights will flash once, and at the same time, the high beam indicator of the headlights on the instrument cluster will flash once.



The high beam flashing of the headlights can be used when the headlights are on/off.

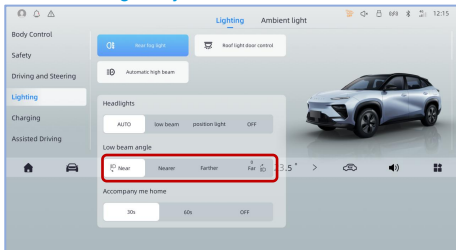
Reading



Caution

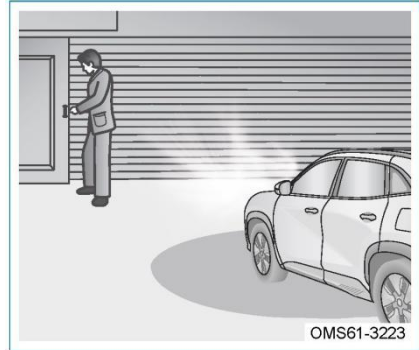
If parking for a long time, make sure that the headlight combination switch is turned off, so as to prevent the battery from discharging too much, causing vehicle startup failure.

Low beam angle adjustment



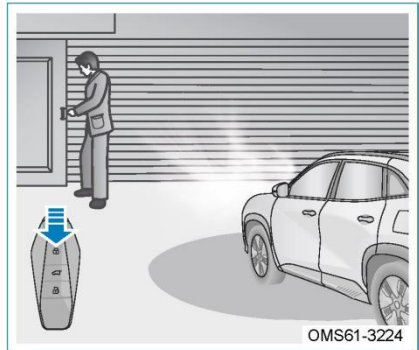
In the audio system's lighting setting interface, click to adjust the lighting angle of the low beams.

Home safety



In the light setting interface of the IHU, click to turn on the "Auto" headlights. When the vehicle is in a relatively dark environment, press the Lock button on the key fob, then the vehicle g is set successfully, and the low beams and marker lights will automatically light up for 30s/60s (which needs to be set in the IHU); Press the Lock button on the key fob again to activate it again. After reaching the set working time, the Home Safety function will be automatically turned off, and the low beams and marker light will immediately go out. The Home Safety function can be turned on/off in the IHU, as detailed in the audio system.

Automatic searching



When the vehicle is in the setting status, press the Lock button on the key fob twice within 2 seconds, then the turn signal light flashes 3 times, and the marker light remains on for 8 seconds. (This function is only available for models equipped with a key fob)

LCA lighting

When the following conditions are met at the same time, the LCA lighting function is activated and the corresponding corner light goes on.

1. Low beam activation;
2. Turn signal activation
3. Speed $\leq 40\text{km/h}$.

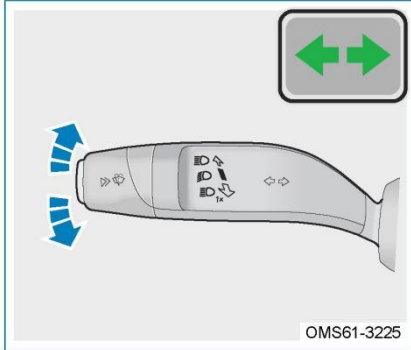
3. Driving preparation

Reversing assist lighting

When the following conditions are met at the same time, the reversing assist lighting function is activated and the left and right corner lights go on.

1. Low beam activation;
2. The vehicle gear is shifted to R.

Turn signal light



Power up the vehicle and turn the wiper light combination switch:

Turn it upward: The right turn signal light goes on.

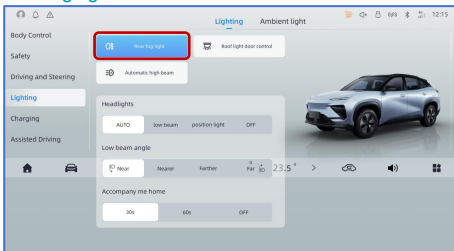
Turn it downward: The left turn signal light goes on.



Reading

Power up the vehicle, and light turn the wiper light combination switch once without exceeding the steering force point. Then the turn signal light flashes 3 times.

Rear fog light



Power up the vehicle, turn on the low beams, press the rear fog light switch, and the rear fog lights will go on.



Reading

- When the low beams are turned off, the rear fog lights are also turned off.
- Please use fog lights correctly according to local traffic regulations.

License plate light

Set to turn on the marker light and the license plate light in the IHU, to illuminate the license plate when the sky is dark.

Reversing light

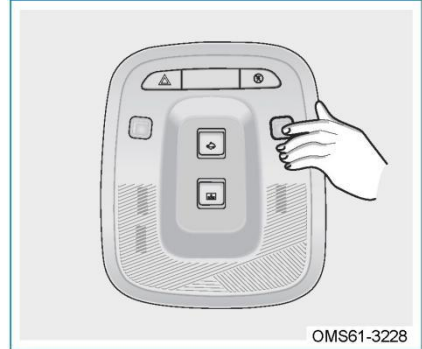
With the vehicle started, after the gear is shifted to R, the reversing light goes on.

Brake light

When the brake pedal is pressed, the brake light and high-mounted brake light come on.

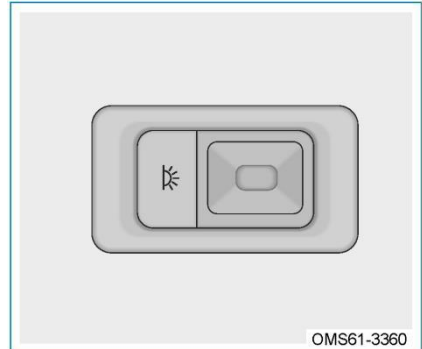
Inside lighting

Front dome light



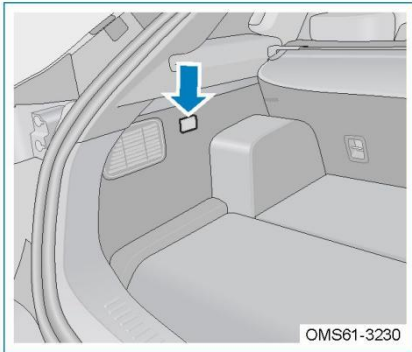
Touch the left/right front dome light, and the corresponding front dome light will go on; Touch the left/right front dome light again, and the corresponding front dome light will go out.

Rear dome light



Press the rear dome light switch to turn on the rear dome light, and press it again to turn off the rear dome light.

Trunk light



When the liftgate is opened, the trunk light automatically goes on, and when the liftgate is closed, the liftgate light immediately goes out.

About light fogging

When the weather is cold or wet, the lights would become foggy inside due to the difference in temperature between the inside and outside of the light lenses. When the lights are turned on for a period of time, the fog inside the lens will gradually disappear, and certain fog may still exist at the edge of the lamp lenses, which is a normal phenomenon. Such fog does not affect the service life of the lighting system.

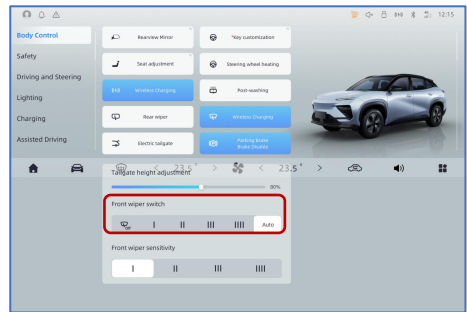


Warning

- Don't flush the front trunk with a pressure washer, especially the lights. Due to the high pressure of the pressure washer, the accessories on the lights may become loose and fall off, and the vent hole, harness connectors and other parts may be dampened, which could result in water ingress or lasting moisture in the lights, generating serious condensation.
- Wading should be based on the wading requirements (water depth and speed) of the vehicle, otherwise water could get into the lights.

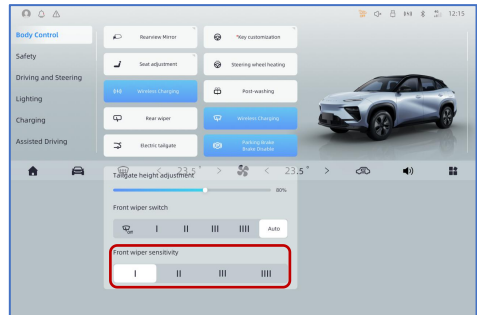
Wiper system

Front wiper operation



In the body control interface of the audio system, set the wiper on/off.

- 1 Off mode: The wiper is automatically turned off.
- 2 Wiper frequency mode: Set and adjust the frequency of the wipers.
- 3 Auto mode: Automatically sense the amount of rain and control the wiping speed of the wipers.



If you need to control the wiper frequency more accurately, you can set the Front wiper sensitivity in the audio system.

3. Driving preparation



Caution

- Do not operate the wipers on a dry windshield, as this may scratch the windshield and damage the wiper blades.
- Do not operate the wipers when there is an obstacle on the windshield, as this could damage the wiper motor or scratch the windshield.
- In the cold season, before using the wipers, you must check to see if the wiper blades are frozen onto the windshield. If the blades are frozen, they must be thawed out before use, otherwise damage to the wiper motor and to the blade tape will be caused.

3

Front washing operation



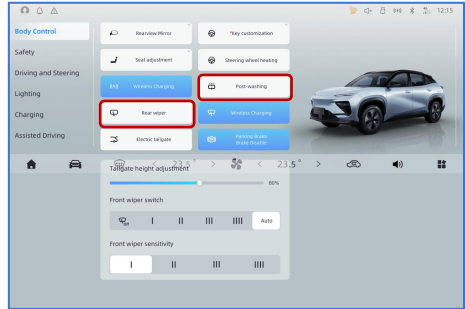
Power up the vehicle, press the left button of the wiper light combination switch, then the front wipers swing once and then stop; press and hold the button, then the front washer sprays water and the front wipers work at the same time; before releasing the button, the washer stops working and the wipers will still work for several times.



Caution

- The water spraying shall be operated for not more than 10s at a time, and the water spraying shall never be operated when there is no cleaning liquid in the storage tank, otherwise the water spraying motor will be damaged. In cold season, check if the wiper blades are frozen on the windshields before use. If they are frozen on the windshields, defrost them before use, otherwise the wiper motor would be damaged.
- Operating the windshield wipers with obstructions on the windshield, such as snow, can also damage the wiper motor. Remove obstacles before wiper operation. Don't operate the wipers on a dry windshield, otherwise scratches would be made on the windshield and the wiper blades would be permanently damaged.

Rear wiper



- 1 Post-washing switch: Click to spray water from the rear washer.
- 2 Rear wiper switch: Click the rear washer to spray water while the rear wipers work.



Reading

The rear wipers are automatically activated when the front wipers are activated; the rear wipers do not work when the front washer function is activated.

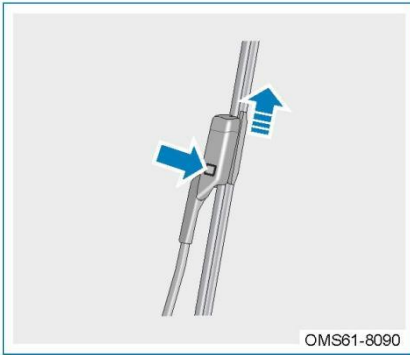


Caution

- The water spraying shall be operated for not more than 10s at a time, and the water spraying shall never be operated when there is no cleaning liquid in the storage tank, otherwise the water spraying motor will be damaged. In cold season, check if the wiper blades are frozen on the windshields before use. If they are frozen on the windshields, defrost them before use, otherwise the wiper motor would be damaged.
- Operating the windshield wipers with obstructions on the windshield, such as snow, can also damage the wiper motor. Remove obstacles before wiper operation. Don't operate the wipers on the dry windshield, otherwise scratches would be made on the windshield and the wiper blades would be permanently damaged.

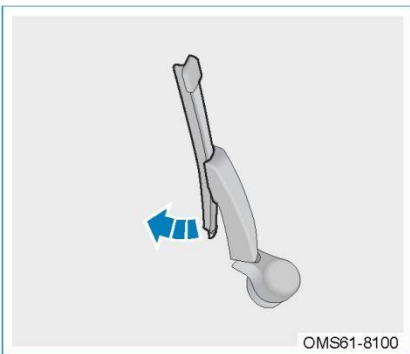
Wiper blade replacement

■ Front wiper blade replacement



1. Before the vehicle is powered down, the wiper maintenance mode is turned on in the audio system, and the wipers are automatically lifted to the end position;
2. Raise the front wiper arm;
3. Press the locking button while pulling the wiper blade upwards to remove it;
4. Install a new wiper blade in the reverse order, and ensure the clamp is firmly locked;
5. Check and ensure the front wiper works normally.

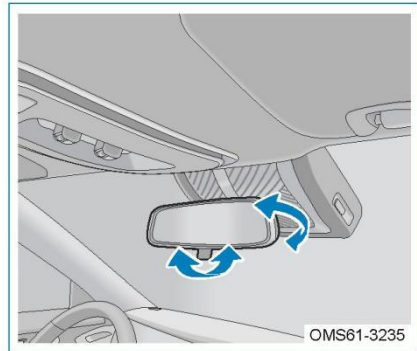
■ Rear wiper blade replacement



1. Raise the rear wiper arm and hold it;
2. Separate the wiper blade by hand as shown in the figure;
3. Install a new wiper blade in the reverse order, and ensure the wiper blade is installed in place;
4. Check and ensure the rear wiper works normally.

Rearview mirror

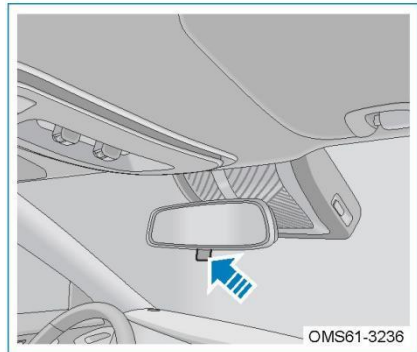
Interior rearview mirror



According to the driving posture, the interior rearview mirror can be adjusted up, down, left, and right.

The driver must adjust the interior rearview mirror to the proper position in order to see the conditions behind the vehicle clearly through the rear windshield.

Anti-glare position adjustment



Before driving at night, push the interior rearview mirror lever to change the angle of view of the interior rearview mirror to achieve anti-glare function, so as to reduce the reflection of the headlights of rear vehicles.

Exterior side mirror

Adjustment of exterior side mirrors

In the side mirror interface, adjust the angle of the left and right exterior side mirror lenses by turning the scroll wheel on the steering wheel.

3. Driving preparation



3

Audio system - body control - exterior side mirror adjustment interface:

- Electric folding of exterior side mirrors: folding/unfolding
- Automatic folding of exterior side mirrors upon parking: on/off.
- Exterior side mirrors flipping down in reversing: on/off.

Exterior side mirror heating (if equipped)

The vehicle is equipped with the exterior side mirror heating function, and when the rear defrost function is turned on, the exterior side mirror heating function is turned on simultaneously.

Exterior side mirrors with auto flip-down function in reversing (if equipped)

When the vehicle is reversing (in R gear), the exterior side mirrors automatically flip down so that you can see the edges of the road below; if your field of view requirements can't be met at this time, you can adjust the position of the lens through the side mirror switch. When the vehicle exits the R gear, the side mirrors will automatically return to their original positions.

Seats

Front seat

Correct sitting posture

Seats, headrests, seat belts and airbags all help protect the driver and passengers, and making full use of them can provide you with more protection. Please observe the following provisions:



Sit in a slightly reclined position (preferably 25° vertically backward) with your back against the seat back.

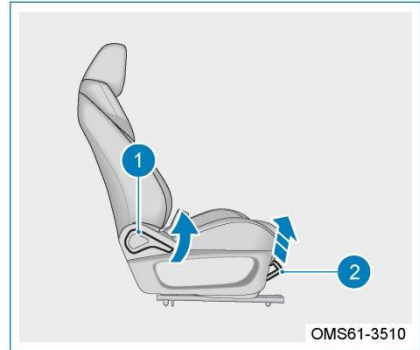
The front seat should never be too close to the dashboard. You should hold the steering wheel with your arms slightly bent while driving. Your foot should also be slightly bent so that you can step on the pedal to the end. Adjust the headrest properly so that the top of the headrest is flush with the top of your head.



The shoulder belt should go across the center of the outside shoulder, tightly and diagonally across the chest, instead of wrapping around the neck. The lumbar belt shall be tight around the hip instead of the stomach.

Seat adjustment

- Manual seat adjustment



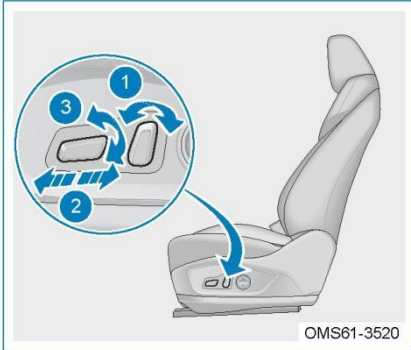
1 Seatback adjustment

Sit on the seat with the seat back against seat back, lift up the adjustment handle of the seat back angle, adjust the seat back to the desired angle by changing the inclination angle of the body. Release the adjustment handle, confirm and apply force backwards to lean against the seat back to ensure it is locked properly.

2 Forward and backward adjustment of seats

The seat position can be adjusted forward and backward by moving the button forward and backward parallelly.

■ Electric seat adjustment



1 Seatback adjustment

The angle of the seat back can be adjusted by pushing the upper end of the button back and forth.

2 Forward and backward adjustment of seats

The seat can be adjusted forward and backward by moving the button forward and backward parallelly.

3 Height adjustment of seats

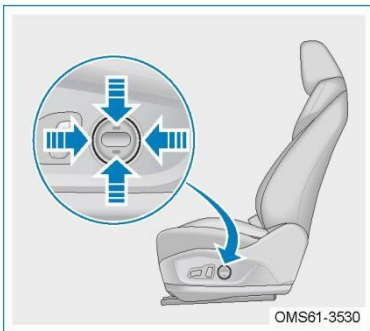
The seat height can be adjusted by pushing the rear end of the button up and down.



Reading

The seat position can also be adjusted in the audio system in the driver's seat position adjustment interface. See "Audio system" for details.

■ Driver's seat lumbar adjustment (if equipped)



The lumbar support function allows the driver to keep the lumbar area in a very comfortable position by continuously adjusting the lumbar support button, relieving the lumbar area of a range of problems arising from being curled into the seat.

Press and hold "←" to increase the support for the overall forward orientation of the lumbar area. and 5 massage modes (arranged in order: wave/catwalk/cross/soothing/jumping), which can effectively alleviate back fatigue during long-distance driving; and you can adjust the leg support angle according to your own needs, combined with the front passenger massage function, to effectively improve riding comfort.

Press and hold "→" to decrease the support for the overall forward orientation of the lumbar area.

Press and hold "↑" to increase the forward support for the upper end of the lumbar area.

Press and hold "↓" to increase the forward support for the lower end of the lumbar area.



Caution

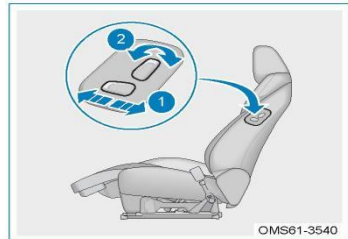
The lumbar support adjustment button has a certain limit position when adjusting the front and rear positions. When the limit position is reached, release the adjustment button in time.



Warning

- Do not adjust the seat while driving.
- Once the seat back adjustment is complete, lean on the seat to make sure it is locked in place.
- When moving the seat, do not place any objects underneath the seat, as this may impede the movement of the seat.
- Do not over-tilt the seat back; the seat belts provide maximum protection in the event of a front or rear collision with the vehicle only when the driver and the front passenger are seated in a slightly reclined position with their backs pressed against the seat back.

Front passenger's seat boss button (if equipped)



1 Forward and backward adjustment of seats

The seat can be adjusted forward and backward by moving the button forward and backward parallelly.

2 Seatback adjustment

The angle of the seat back can be adjusted by pushing the upper end of the button back and forth.

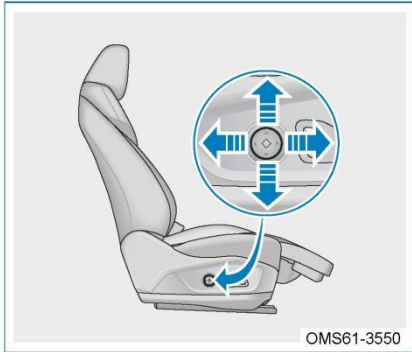
Front passenger's seat massage (if equipped)

The front passenger's seat has a massage function, with a total of 3 massage intensities (arranged in order: low/medium/high)

3. Driving preparation



3 Power up the vehicle, press the **Message** function switch to turn on the massage function, and at the same time, the seat massage setting interface will pop up in the IHU.



Press “↑” button to advance and adjust one massage mode at a time.

Press “↓” button to back and adjust one massage mode at a time.

Press “→” button to raise one massage intensity at a time.

Press “←” button to reduce one massage intensity at a time.

Warning It is forbidden to use the seat in a reclining position while the vehicle is in motion, otherwise the seat belt and airbag will not provide protection.

Driver's seat convenient access function (if equipped)

- Switch to P gear, open the driver's door, and the driver's seat will automatically retract for a certain distance to facilitate the driver's exit.
- Power up the vehicle, the driver's seat automatically advances a certain distance to facilitate the driver's entry.



Set the seat convenient access on/off in the audio system.

Reading



Warning

When enabling the driver's seat convenience function, make sure that no one will be pinched; if there is a risk of being pinched by the seat, the adjustment process can also be canceled by moving the seat adjustment switch. Do not leave children alone in the vehicle. They may open the driver's door and get pinched by accidentally activating the driver's seat convenience function as a result.

Seat heating and ventilation function (if equipped)



Power up the vehicle, press the “**Heating**” switch to heat the seat (on - level 3 - level 2 - level 1 - off).



Power up the vehicle, press the “**Ventilation**” switch to ventilate the seat (on - level 3 - level 2 - level 1 - off).

Rear seats

Folding of rear seats



Pull the release buckle on the upper part of the seat back to unlock the seat back, pull the seat back forward and put it down.



When folding the rear seats, make sure the outboard seat belts go around the seat back to avoid damaging the belts.

Caution

Seat travel (the following data applies to both electric and manual seats)

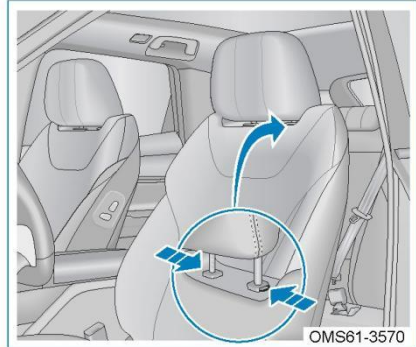
■ Front seats

- 200mm forward adjustable, 40mm rear adjustable (the front passenger's seat is equipped with a leg support, 200mm forward adjustable, 60mm rear adjustable);
- The seat back is designed for an angle of XX degrees, and the design position is adjustable to XX degrees forward and XX degrees backward;
- The height adjustment (for driver's seat only) has a full travel of XX mm and is designed to be adjustable in XX mm up and XX mm down.

■ Rear seats

Rear seat back angle adjustable range: the seat back design angle is XX degrees.

Headrest adjustment



To adjust the headrest upward, lift the headrest directly upward to the proper height.

To adjust the headrest downward, press and hold the unlock button on the right side of the headrest with one hand to unlock headrest and adjust the headrest downward.

If you need to remove the headrest, press and hold the left and right unlock buttons at the same time, and when the headrest lever is fully unlocked, you can simply pull the headrest out completely.



Warning

- Be sure to adjust the headrest to the proper position.
- After adjusting the headrest, press down on the headrest and confirm that it is locked in place.
- Do not drive the vehicle with the headrest removed.

Seat belt

Reminder of unbuckled or incorrectly fastened front seat

belts: at speeds < 22 km/h, the red indicator "⚠" on the instrument cluster is always on. At speeds ≥ 22 km/h, the

red indicator "⚠" on the instrument cluster flashes with an audible alarm. If the seat belt is loosened during driving, an alarm will sound according to the above description and can be stopped by meeting any of the following conditions:



Reading

- Fasten the seat belt properly.
- Power down the vehicle.



Caution

- The speed defined in this section is the speed indicated on the dashboard.
- If the vehicle is hit by another vehicle during powering up while it is stationary, blasting of the airbags and/or seat belts may occur.

3. Driving preparation

3



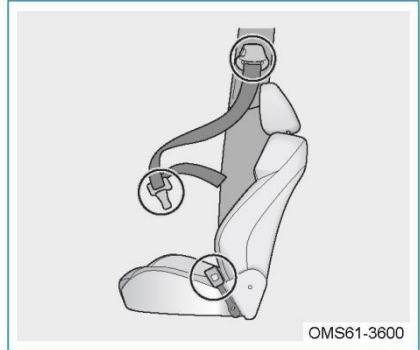
We strongly recommend that drivers and passengers should use seat belts properly at all times. Otherwise, the likelihood and severity of injury will be increased in an accident. Regularly check the seat belts. If any seat belts are found to be ineffective, please contact the authorized service station of Chery NEV to check, repair or replace the seat belts immediately.

■ Use seat belts correctly



- Adjust the position of the seat back, sit up, and lean on the seat back.
- Stretch the seat belt at the shoulder, making it go diagonally over the shoulder, but it should not touch the neck or slip off the shoulder.
- Pull the seat belt at the waist as low as possible to cross the hips.
- Do not twist the seat belts.

■ Maintenance of seat belts



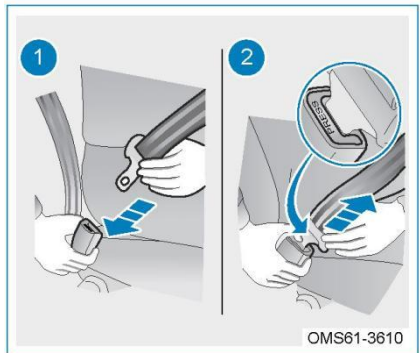
Regularly check the seat belts for damage or wear. Stretched seat belts (e.g. after an accident) shall be checked or replaced immediately by the authorized service station of Chery NEV.



Caution

- Do not attempt to repair or lubricate the seat belt retractors and lock catch mechanisms, and do not repair the seat belts in any way, otherwise Chery New Energy Automobile Co., Ltd. will assume no responsibility for the problems caused thereby.
- Use a neutral detergent or warm water to clean the seat belts, and then dry them naturally. Do not use the manual heating method for cleaning.
- Do not use chemical cleaners, boiling water, bleaching agents or dyes to clean the seat belts.
- Do not let moisture to penetrate into the seat belt retractor mechanism.

■ Fasten and loosen the seat belts



- 1 To fasten the seat belt, push the lock tongue into the lock catch until you hear a "click" sound.

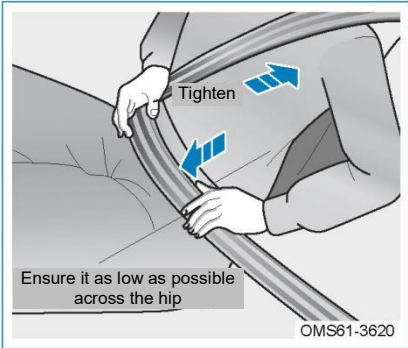
- 2 Press the release button to retract the seat belt. If the seat belt does not retract smoothly, pull the seat belt out and check for twists, ensuring that the seat belt retracts smoothly.



Caution

- Make sure that the lock catch of the seat belt is in the correct position and it is securely locked. Incorrect matching may result in serious injury.
- Do not use any seat belts with loose lock catches, otherwise the seat belts will not be able to protect the passengers when the vehicle brakes suddenly or a collision occurs.

■ Position adjustment of the three-point seat belt



When a seat belt is pulled out quickly, it will be locked, but if it is stretched slowly, it will not have the locking function. The seat belt at the waist should be positioned as low as possible on the hips rather than the waist, then pull the seat belt at the shoulder to adjust it to the proper position.



Caution

- Make sure that the seat belts are properly fastened for all the passengers.
- Each seat belt is limited to one person only. Do not share a seat belt with more than one person, including children.
- We recommend that children sit on the rear seat and always use the seat belt or a suitable child safety seat.
- Make sure that the seat belt at the shoulder is placed diagonally across the shoulder. The seat belt should be kept away from the neck, but it should not slide off the shoulders. Otherwise it will reduce the protective effect of the seat belts in the event of an accident.
- If the position of the seat belt at the waist is too high and the seat belt is too loose, it will cause a serious injury to the passenger due to body sliding in the event of a vehicle collision or other accidents. Keep the seat belt at the hips as far as possible.
- Do not place the seat belt at the shoulder under the arm.
- Do not over-recline the seat for comfort. Seat belts can provide maximum protection when the passengers sit up straight and lean on the seat back.
- If the seat belt is pulled out with excessive force or if the vehicle is placed on a hill, the seat belt may be locked.
- Try to avoid wearing clothes that don't fit well to drive the vehicle, otherwise the optimum protection effect cannot be achieved as the clothes are not close to the body.

Seat belt pre-tensioner (if equipped)



Seat belt pretensioners are designed to cooperate with front airbags in severe collisions.

3. Driving preparation

3

- When the sensor detects an unavoidable severe collision, the retractor will quickly tighten the seat belt to tightly restrain the passenger.
- The seat belt pretensioners may be activated even when there is no passenger in the front seat.
- In the event of a minor collision or a side collision accident, the pretensioner may not be activated.
- The seat belt pretensioners and airbags will work together in a collision.
- When the seat belt pretensioner is activated, an operating sound may be made, and a small amount of non-toxic gas may be released.
- The generated gas will not cause a fire, and it is generally harmless.
- Once the seat belt pretensioners are activated, the seat belt retractors will be locked.



Caution

In certain conditions, the seat belt pretensioners may be hindered from operating correctly:

- The seat belt pretensioners or the assemblies nearby are repaired.
- The suspension system is modified.
- The front section structure of the vehicle body is modified.
- Grille guards or other equipment is attached to the front of the vehicle body.



Warning

- Do not modify, disassemble, hit, or open the seat belt pretensioner assembly, the airbag sensor and the assembly line. Otherwise, it may hinder proper activation of the seat belt pretensioners and cause the unintended operation and disabling of the system, which may result in death or serious injury.
- If the pre-tensioner is activated, the airbag fault indicator light on the instrument cluster will go on. In this case, the seat belt cannot be used again and must be replaced.

If any of the following situations occurs, it means that the airbag or the seat belt pretensioner is faulty, please contact the authorized service station of Chery NEV for overhaul as soon as possible.

- If the vehicle is powered up, the airbag fault indicator light on the instrument cluster will not conduct the self-checking, or will be constantly on;
- While driving, the airbag failure indicator light is on;
- The seat belt cannot be retracted or stretched out due to malfunction or activation of the relevant seat belt pretensioner;
- The seat belt pretensioner assembly or its surrounding area is damaged.

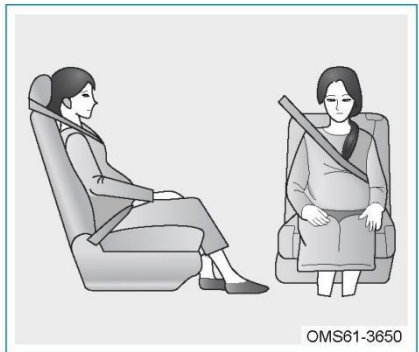
■ How should a child use a seat belt, and precautions

The seat belts in the vehicle are mainly designed in accordance with the size of adults. Children should use an appropriate child safety seat (Refer to the Child Safety Seat in this section for details).



Don't allow any child to stand or kneel on a front or rear seat. In case of emergency braking or a collision, a child without safety seat may be seriously injured. Also, don't let a child sit on the legs of an adult. Holding a child in the arms also does not provide adequate restraint protection for the child.

■ How should a pregnant woman use a seat belt, and precautions



Follow the doctor's instructions and wear the seat belt properly. Pregnant women shall, like other passengers, cross the waist seat belt as low as possible across the hip. The shoulder seat belt shall be stretched diagonally along the shoulder and cross the chest, but shall not touch the bulging abdomen. If the seat belt is not properly buckled, it can result in serious injuries to the pregnant woman and fetus in the event of emergency braking or a collision.

3. Driving preparation



Warning

- Make sure the seat belt tab and lock catch are locked and the seat belt webbing is not twisted. If a seat belt cannot work normally, immediately contact the authorized service station of Chery NEV for maintenance.
- If the vehicle has a serious accident, even if the seat belts are not obviously damaged, contact the authorized service station of Chery NEV for maintenance.
- Don't install, remove, modify, disassemble or dispose of the seat belts without permission. If any of the above operations is required, please contact the authorized service station of Chery NEV for necessary treatment.
- Regularly check the seat belt system. Check the seat belts for cuts, wear and looseness.
- Don't use a damaged seat belt, and replace it instead. Damaged seat belts do not protect passengers from serious injury.

Child safety seats

Child safety seats

Child safety seats for infants and young children must be properly fixed onto the seat. The child safety seat must be installed in strict accordance with the instructions of the manufacturer.

A set of child safety seats suitable for this model and the child's age and size shall be selected. For installation details, refer to the manual enclosed with the child safety seat. This manual only provides the instructions for installation of common child safety seats.

The child safety seat should be installed onto a rear seat. According to the statistical survey of accidents, children seated in the rear seat and properly restrained are safer than those seated in the front seat.



Warning

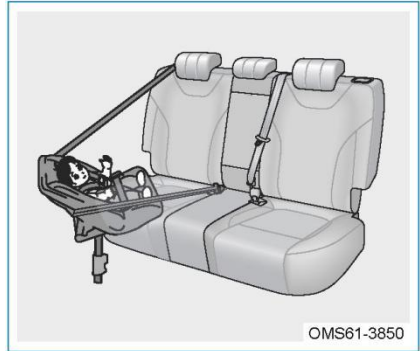
- Child safety seats must be installed on the rear seats.
- The child safety seat should comply with the safety standards stipulated by local laws. Chery New Energy Automobile Co., Ltd. will assume no responsibility for any damage or accident due to a fault caused by the use of the child safety seat. According to the regulations, child safety seats can be roughly divided into the following five groups:

Weight group	Weight of children
Group 0	0 to 10kg
Grade 0+	0 to 13kg
Group I	9 to 18kg
Group II	15 to 25kg
Group III	22 to 36kg

This manual introduces 3 types of child safety seats that can be secured with seat belts.

Please install the child safety seat according to the instructions provided by the relevant manufacturer.

Rearward-facing baby seat



When installing a rear facing baby seat, ensure that the installation direction faces the rear of the vehicle. In an accident, if the baby faces the direction of the vehicle front, it is likely to injure their fragile central spine and spinal cord. If they face the rear of the vehicle, their head, neck and torso will be protected by the safety seat. The rear facing baby seat is the most suitable for babies, it is very easy to carry, and it is recommended Grades 0 and 0+ be applied.

Forward-facing child safety seat



3. Driving preparation

After installation of a forward-facing child safety seat, the child faces the normal driving direction of the vehicle. Recommended applicable group: Group I, 9~18kg.

High-backed child safety seat



For the expandability of the child seat functions, there is also a separate elevated cushion that can be used together. When the child is short in height and light in weight, the elevated cushion can be used, so that the height of sighting line for the child in the vehicle can be increased, and it can also fully fix the position. (The vehicle seat belts of the international standard are designed for people whose height is above 1.5 m. If a passenger below 1.5 m uses a seat belt, the seat belt may easily cause great injury to the child's neck in the event of an accident.) It is recommended safety seats of Grades II and III be applied.

Installation of child safety seats

Please follow the instructions provided by the manufacturer of the child safety seat. Secure the child seat to the rear seat with the seat belt or the child seat anchor. The top tie must be secured when installing the child safety seat.



Warning

Precautions for child safety seats:

- Children must use seat belts or appropriate child safety seats in accordance with their age and size, and the child safety seats should be installed onto the rear seat for restraint and protection, so that the children can be protected effectively in the event of an accident and an emergency parking. Holding the child in your arms is not a substitute for the role of a child safety seat.
- Ensure that the child safety seat is installed correctly in accordance with the installation instructions provided by the manufacturer. If the child safety seat is installed improperly, it may result in serious injury or death to children in the event of emergency stops, sudden turns or accidents.
- If the child safety seat interferes with the locking mechanism of the front seat, it may not be installed on the rear seat. Otherwise, serious injury or death may be caused for children and front passengers in the event of sudden braking or a collision. Locking function of child safety seat and precautions for seat belts:
- Do not let children play with child safety seat locking function seat belts. If the seat belt is wrapped around a child's neck, it may not be possible to pull it out, resulting in suffocation or other serious injury or death. When necessary, use scissors to cut off the seat belt. When a child safety seat is not used:
- Secure the child safety seat onto the seat properly even when it is not in use. Do not place an unsecured child safety seat in the passenger compartment.
- If the child safety seat needs to be removed, remove it from the vehicle or place it safely in the rear trunk. This prevents passengers from being injured in the event of sudden stops, sudden turns or accidents.

Precautions for child safety seats



There is a label affixed on the visor in front of the front passenger seat, indicating that no backward-facing child safety seat should be installed on the front passenger seat. Please observe the following precautions:

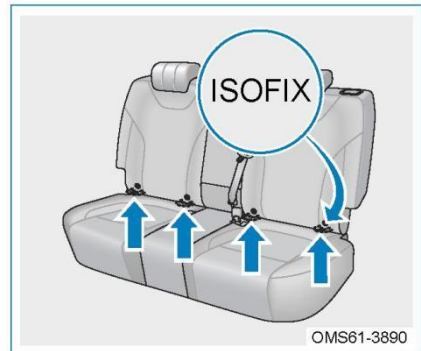
- Don't place a backward-facing child safety seat on any seat protected by a frontal airbag.
- The design of child safety seat anchorages or seat belts on the vehicle shall not be modified under any circumstances.
- It is prohibited to use seat belts to secure child safety seats separately. Please use the standard fixtures for installing child safety seats on the 2nd row seat. If the above three precautions are violated, any consequences arising therefrom shall be borne by the user.



Warning

- After the lock tongue is inserted, make sure that the lock tongue is locked with the lock catch, and that the seat belt at the waist and shoulders are not twisted.
- Do not insert coins, paper clips and other objects into the lock catch, otherwise the correct mating of the lock tongue and lock catch will be affected.
- If the seat belt cannot function properly, it cannot children against serious injury or death. Please contact the authorized service station of Chery NEV immediately. Do not install a child safety seat on the seat before the seat belt is repaired.
- Always ensure that the seat belt at the shoulder is positioned so that it passes over the middle of the child's shoulders. The seat belt should be positioned away from the child's neck, but not below the child's shoulders. Otherwise, serious injury or death may be caused for children in the event of emergency braking or a collision.
- If the position of the seat belt at the waist is too high and the seat belt is too loose, it will cause serious injury or death to the passenger due to body sliding in the event of a vehicle collision or other accidents. Keep the seat belt at the hips of the child as far as possible.

Installation of child safety seats (ISORIX)



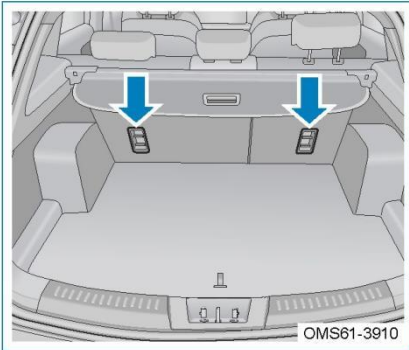
1. Find the lower fixing rings that can secure the child safety seat as shown in the figure.
2. Put the child safety seat on a rear seat.

3. Driving preparation

3



3. Insert and fasten the lower connecting hook on the child safety seat to the lower fixing ring.
4. Pull out the webbing on the child safety seat and fix it with the anchor point behind the seat.



5. The anchor mounts are located behind the rear seats.

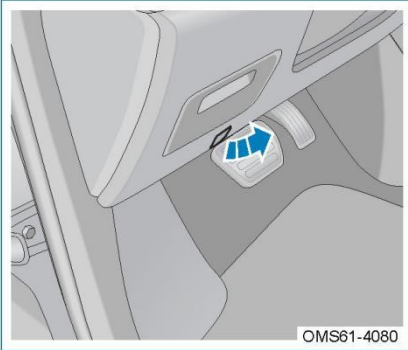


Warning

- If the child's weight is above 22kg, don't secure the child safety seat with the fixing rings.
- If the fixing ring device is damaged or has been under load in an accident, please go to the authorized service station of Chery NEV for replacement before reuse.
- It is prohibited to secure more than one child safety seat to a set of fixing rings.
- Adjust the front passenger seat so that it does not interfere with the child safety seat.
- Make sure that the seat belt and the lock tongue are secured in place and that the seat belt is not twisted.
- Push and pull the child safety seat in different directions to ensure it is securely installed.
- Do not adjust the seat after installing the child safety seat.
- Install the child safety seat and properly secure it in accordance with the installation instructions of the child safety seat.
- Failure to properly secure the child safety seat in place could result in serious injury or death to the child or other passengers during emergency braking, sudden steering or an accident.
- If the driver's seat interferes with the proper installation of the child safety seat, the child safety seat may be installed on the rear right seat.
- Make sure to fasten the top tie tightly, and push and pull the child safety seat in different directions to check whether the child protection device is fastened. Please install it according to the installation instructions provided by the manufacturer.
- Do not use the child safety seat anchor bracket to fix items other than child seats, otherwise Chery New Energy Automobile Co., Ltd. will not assume any responsibility for the problems caused thereby.

Front hood

The front hood handle is located on the lower left side of the dashboard on driver's side.



OMS61-4080

1. Pull the front hood handle upward to slightly pop up the hood; pull the handle again to slightly pop up the hood once again;
2. Raise the front hood, and lift up and support the lid under the action of the pneumatic springs;
3. Lower the front hood to close it until the lock latch is locked;
4. After closing the front hood, gently lift the hood to make sure it is fully closed.



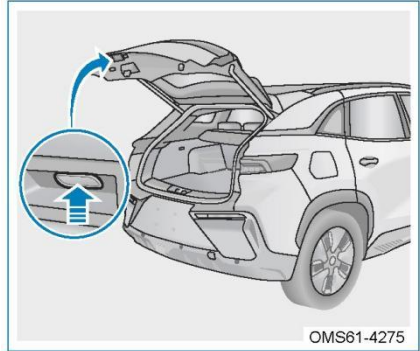
Caution

- Before closing the front hood, check if any tool, cotton cloth or other thing is left in the front trunk.
- Before driving, make sure the front hood is fully closed. If it is found that the front hood is not fully closed, drive the vehicle to a safe area, stop it there and then properly close the lid.
- When closing the front hood, avoid overexerting, which may result in deformation of the lid.

Liftgate

Manual liftgate

Opening/closing the liftgate



OMS61-4275

Method 1: While the central locking system is unlocked, approach the rear of the vehicle, press the rear outer button, and lift it up to open the liftgate.

Method 2: While the central locking system is locked, approach the rear of the vehicle with the key fob, press the rear outer button, and lift it up to open the liftgate.



Reading

While the vehicle is powered up and the central locking system is locked, unlock the system first, and then open through the liftgate outer button.

Pull the auxiliary handle of the liftgate downward, and let go the handle before the liftgate is fully closed; before leaving the vehicle, make sure the liftgate is fully closed.



Warning

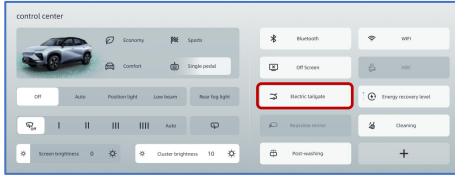
Prior to driving, make sure the liftgate is closed, otherwise an accident may occur or the relevant parts and components may be damaged.



Power liftgate (if equipped)

For your convenience, opening/closing of the power liftgate (if equipped) can be realized through multiple means, e.g. opening/closing it through the head unit, liftgate outer button, liftgate inner button, remote control by the key fob, voice control, etc., and the height adjusting function of the liftgate can also be realized, to let you fully feel the convenience of the liftgate.

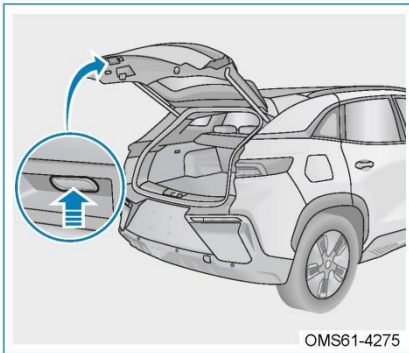
3. Driving preparation

IHU switch



While the central locking system is unlocked, press the “” button to turn on the turn signal lights and open/close the power liftgate. While the power liftgate is in motion, press the “” button to temporarily stop its motion.

Outer button of liftgate



Method 1: While the central locking system is unlocked, approach the rear of the vehicle, and press the rear outer button to turn on the turn signal lights and open/close the liftgate.

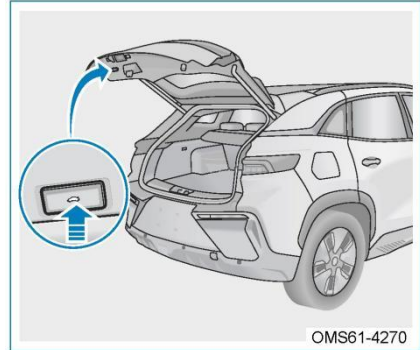
Method 2: While the central locking system is locked, approach the rear of the vehicle with the key fob, and press the rear outer button to turn on the turn signal lights and open/close the liftgate.





Reading


While the vehicle is powered up and the central locking system is locked, unlock the system first, and then open through the liftgate outer button.

Inner button of liftgate



While the power liftgate is opening, press the “” button to close the liftgate.

While the power liftgate is in motion, press the “” button to temporarily stop its motion.

While the power liftgate is opening, adjust the liftgate to the height you desire; press and hold the “” button until the vehicle gives a light prompt, indicating the liftgate height is successfully set.

Remote control by key fob

Power down the vehicle, and press and hold the liftgate opening button on the key fob to open/close the power liftgate.

Anti-pinch function of power liftgate

Forward-facing pinch protection: In case of a resistance (e.g. wall and obstacle) during opening of the power liftgate, the forward-facing pinch protection of the liftgate is enabled to effectively prevent damages to the vehicle.

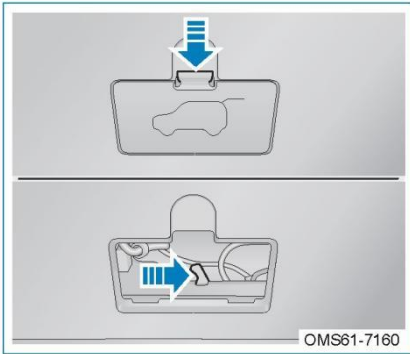
Backward-facing pinch protection: In case of a resistance (e.g. child and suitcase) during closing of the power liftgate, the backward-facing pinch protection of the liftgate is enabled to effectively prevent the child from being pinched or damages to the vehicle.



Warning

Though the power liftgate is equipped with the anti-pinch function, don't deliberately try the function to avoid accidental injuries.

Emergency opening of liftgate



If the liftgate cannot be opened when the vehicle battery is low or under similar conditions, the liftgate emergency unit switch can be used to open the liftgate (if the condition permits, be sure to stop the vehicle).

Step 1: Fold down the rear seat back to lay flat;

Step 2: Get into the rear part of the vehicle to remove the plug cap of the emergency unit;

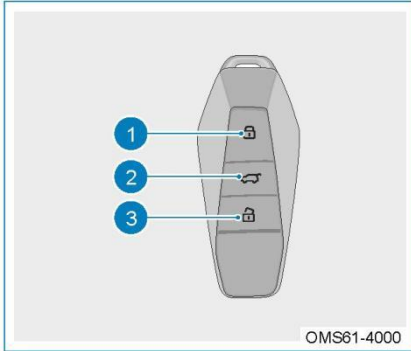
Step 3: Pull the emergency unit switch to the right with hand, and then release it to open the liftgate.

4. In-vehicle functions

Key fob

Key fob (if equipped)

The key fob is used to lock/unlock the vehicle doors and to open the liftgate.



- 1 Locking button
- 2 Liftgate button
- 3 Unlocking button

The remote control function can be used to unlock/lock the doors within a distance of about 20m (without blind spot). When the key fob does not work properly, it may be affected by the following conditions:

- The distance between the vehicle and the key fob exceeds 20m.
- It is close to a TV tower, radio station, power station, airport, train station, or other facilities that generate strong electrical waves.
- It is close to a portable radio or other wireless communication equipment with frequency similar to that of the vehicle's remote control.
- The key fob is in contact with or covered by other metal objects.
- The key fob is placed near an electrical device (e.g., mobile phone and PC).
- There are multiple key fobs in use near the vehicle.



Caution

- This product is a low-frequency radio device that is subject to interference from various radio services or radiation interference from equipment for industrial, scientific and medical applications.
- Don't change the transmission frequency, increase the transmitter power (including the installation of RF power amplifier) or install any external or other transmitting antennas without permission.
- When using the product, it is prohibited to cause adverse interferences to various statutory wireless communications. In case of such interference, stop using the product immediately, and take measures to eliminate the interference before continuing to use.

Mechanical key

When the key battery is low or the key fob cannot be used normally, use the mechanical key to unlock/lock the door.

Replacement of battery for key fob

Replacement of battery for key fob

The key battery may be low or depleted in the following cases:

- The remote-control distance is gradually reduced.
- The remote control function does not work although there is no interference.
- When any button on the key fob is pressed, the indicator light on the key fob (plastic texture) is dim or off.

Model of key fob battery: 3V-CR2032 lithium battery.



Caution

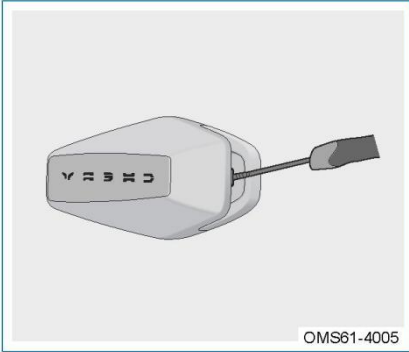
- Use batteries of the model recommended by Chery New Energy Vehicle Co., Ltd. only.
- It is difficult to replace the battery, and damages may occur when you replace it by yourself. It is recommended that you go to the authorized service station of Chery NEV for replacement.



Warning

Take extra care to prevent children from swallowing the removed batteries or components.

Replace the key battery as per the following steps.



1. Separate the cover of the key fob with a flat head screwdriver with tip wrapped by tapes.



2. Remove the battery from the circuit board, and then install a new battery with positive side (+) facing upward.
3. Properly install the key fob in the sequence opposite to the disassembly sequence.
4. After replacement of the battery, check if the key fob can be normally used.



Reading

If the key fob cannot be used normally, contact the authorized service station of Chery NEV for maintenance as soon as possible.



Environmental protection

Discarded lithium batteries cannot be disposed of as general domestic waste. Please dispose of discarded batteries in accordance with local environmental regulations and provisions.

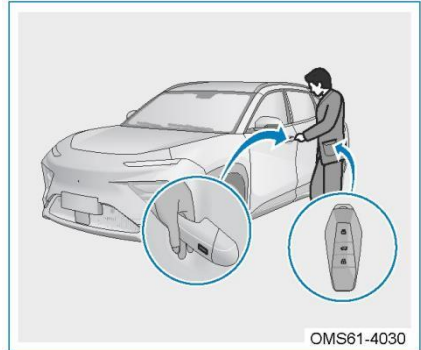


Caution

- When installing the battery, be careful not to bend the poles and terminals.
- Make sure that the positive and negative poles of the battery are installed correctly.
- Make sure that your hands are dry and away from water when replacing the battery.
- Do not touch the new battery with greasy fingers, which may cause the battery to be corroded.
- Do not touch or move any part of the key fob, otherwise it will affect the normal function.

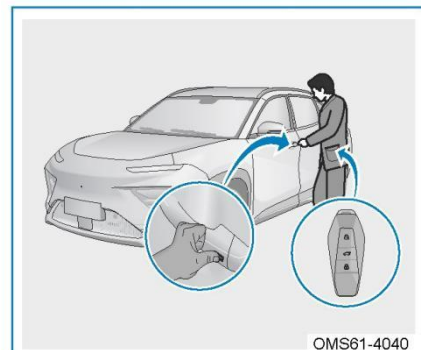
Passive Entry Passive Start (PEPS)

■ Door unlocking



Approach the vehicle with the key fob and place your hand on the inner side of the door handle. When the door handle sensor recognizes the unlocking signal, the turn signal lights flash twice, the door is unlocked, and then pull the door handle to open the door.

■ Door locking



Touch the door handle sensor when you carry the key fob with you, and when the door handle sensor recognizes the locking signal, the turn signal lights flash once, the horn honk is heard once, and the door is automatically locked.

4. In-vehicle functions

- Sensing function of key fob (if equipped)
 - When you approach the vehicle with the key fob, the courtesy light goes on, the system automatically identifies the validity of the key fob, and the doors automatically sense the key and then are unlocked.
 - When you leave the vehicle with the key fob, the system automatically identifies the validity of the key fob, and the doors automatically sense the key and then are locked.



Reading

Set enabling/disabling the Approach Unlocking & Leave Locking in the audio system, and refer to the "Audio System" for details.



Caution

- If the key fob is placed in the vehicle, the PEPS function cannot be used.
- Don't place the key fob with electronic devices such as computer, wireless mouse, etc., which may result in malfunctioning of the key fob to sense unlocking/locking.
- About 3 days after the vehicle is locked (all the time), the key fob sensing function is disabled, and the vehicle needs to be restarted to restore the sensing function.
- When you leave the vehicle with the key and do not see a flashing turn signal light or hear a honk (with a prompt for successful setting after locking), please check whether the vehicle has been locked to avoid unsuccessful locking of the vehicle due to misoperation or unfulfilled conditions.
- The locking function of the key fob can be enabled only when all the doors, the liftgate and the front hood are fully closed and the key fob is not placed in the vehicle.

- Refer to the "Vehicle setting" part in this section for details about warning prompts.

Unlocking/locking with NFC key card (if equipped)



Hold the NFC key card and stand close to the NFC mark on the left side mirror for several seconds to unlock/lock the vehicle.



Caution

- Don't bend the NFC key card hard.
- Don't place the NFC key card in a high-temperature environment (e.g. on the console).
- Don't put the NFC key card together with other hard objects to prevent wearing.
- To unlock/lock with the NFC key card, stand close to the NFC mark on the side mirror for at least 1~2s to realize the unlocking/locking function.
- Don't use the NFC key card with anything that can break electromagnetic waves (e.g. metal seals, metal phone cases, etc.).
- The NFC key card is a NFC communication based key equipped for the vehicle. In order to ensure the safety of your vehicle, please keep it properly. If the card is lost, you are suggested to report the loss to authorized service station of Chery NEV immediately to re-match a key card.
- After the vehicle is unlocked by the NFC key card, the user shall stamp the brake pedal within 3min to start the vehicle. After 3min, the NFC key card needs to be placed in the wireless charging sensing area in the vehicle to start the vehicle.

Immobilizer system

Immobilizer system

This vehicle is equipped with a drive motor immobilizer and a body immobilizer. Both immobilizers do not require manual activation or deactivation.

When the vehicle is set, the immobilizer is automatically activated, and when the vehicle is normally unlocked, the immobilizer is automatically unset.



Reading

When using the mechanical key to lock or unlock the vehicle, the immobilizers cannot be activated or released.



Caution

Do not leave the key fobs or the devices that disable the immobilizers in the vehicle.

Drive motor immobilizer

When the vehicle is set, the drive motor cannot be started.

Vehicle immobilizer

When illegal intrusion is detected while the vehicle is set, the immobilizer will give out visual and audible alarms, prompting the owner that the vehicle is illegally intruded. Refer to the "Vehicle setting" part of this section for details.

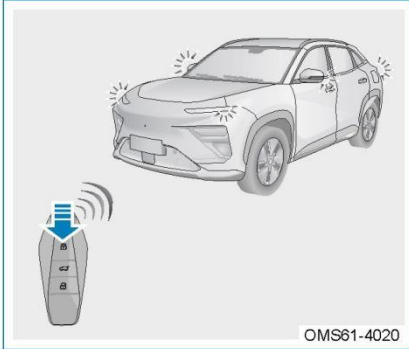


Caution

To avoid accidental triggering of the immobilizer and burglary of the vehicle, make sure no one is in the vehicle, all the doors and windows are properly closed and the vehicle is successfully set before leaving the vehicle.

Vehicle setting

■ Setting operation



• Successful setting:

The vehicle is stationary, and the front hood, the four doors and the liftgate are closed.

Press the locking button on the key fob, and touch a door handle sensor or leave the vehicle with the key fob to lock the doors and activate the immobilizer and have the vehicle start the set state.

• Prompt for successful setting:

The turn signal lights flash once, and the antitheft horn honks.

• Unsuccessful setting:

The front hood, the four doors or the liftgate is not closed, and the vehicle cannot be set successfully.

• Prompt for unsuccessful setting:

The turn signal lights flash twice.



Reading

Vehicle set prompts: flashing light, honk, or flashing light and honk; set the vehicle set prompts in the audio. Refer to the "Audio System" for details.



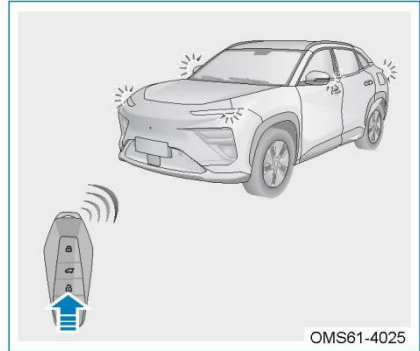
Caution

- If the four doors are closed, but the front hood or liftgate is not closed, and only the doors are locked, the immobilizer is not set successfully.
- If the front hood and liftgate are closed, and any door is not closed, the vehicle cannot be locked and the immobilizer is not set successfully.

■ Secondary set mode

If the front hood, the four doors and the liftgate are not operated about 30s after the vehicle is unset, the vehicle will be locked and start the set state automatically.

■ Unsetting operation



• Successful unsetting:

When you press the unlocking button on the key fob, and touch a door handle sensor or approach the vehicle with the key fob, the system automatically identifies the validity of the key fob, and the doors are unlocked automatically.

• Prompt for successful unsetting:

The turn signal lights flash twice.



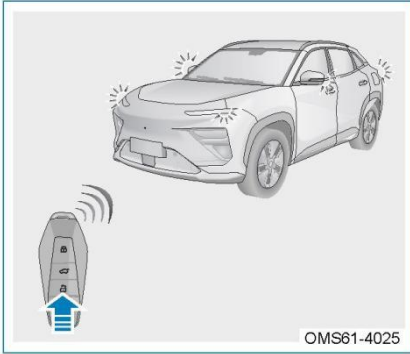
Reading

- If any of the front hood, the four doors and the liftgate is opened after the vehicle is unset, the vehicle exits the secondary set mode.
- In the alarm state of the immobilizer, press the unlocking button on the key fob or directly start the vehicle successfully to clear the alarm of the immobilizer.

■ Alarm mode

When illegal intrusion is detected while the vehicle is set (e.g. an alarm will be triggered when any door or the liftgate is illegally opened), the vehicle starts the alarm state.

4. In-vehicle functions

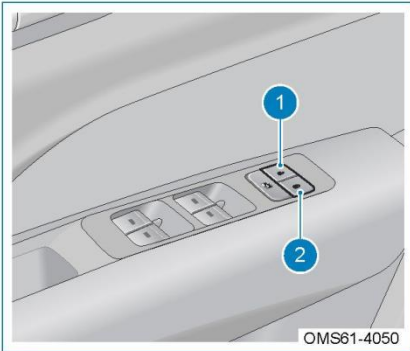


- **Alarm mode:**
When illegal intrusion of the vehicle is detected, the vehicle starts the periodical alarm mode, the antitheft horn honks intermittently, and the turn signal lights flash.
- **Alarm clearing:**
When the vehicle is in the alarm mode, press any key on the key fob to clear the alarm.

Door lock

Door lock buttons

Unlocking/Locking doors



- 1 Unlocking button
- 2 Locking button

Press the unlocking/locking button inside the vehicle to unlock/lock the door.

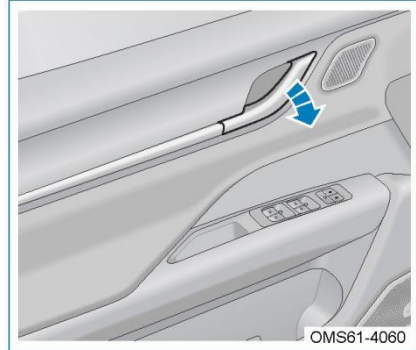
When the vehicle speed is ≥ 15 km/h, the doors are locked automatically.



Reading

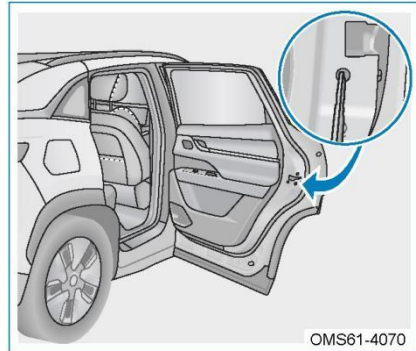
Set Locking button enabling/disabling in the IHU, and refer to the "Audio System" for details.

Door opening with internal handle



When the door is unlocked, pull the internal handle directly to open the door. When the door is locked, pull the internal handle first to unlock the door, and then pull the handle again to open the door.

Rear-door child lock



The child locks are located at the inner side of the rear doors.

Locking: Use a mechanical key (or a suitable screwdriver) to turn the child lock in the arrow direction to activate it, and then the rear door cannot be opened from the inside of the vehicle and can only be opened from the outside.

Unlocking: Use a mechanical key (or a suitable screwdriver) to turn the child lock opposite to the arrow direction to inactivate it, and then the rear door can be opened from both the inside and outside of the vehicle.

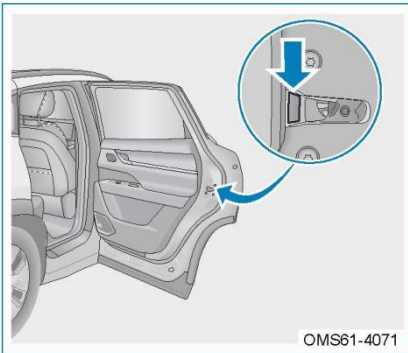


Warning

- Prior to driving, make sure all the doors are closed.
- When a child is sitting in the rear seat of the vehicle, keep the child lock locked to prevent the rear door from opening accidentally while driving.
- If an occupant is trapped in the vehicle and the child lock is locked in case of a crash accident, remember that the rear door can only be opened from the outside.
- When the vehicle is powered off and in a sealed state in hot days, don't leave any animal or child in the vehicle alone, otherwise serious casualties may be caused even in a short time due to the rapid temperature rise in the vehicle.

Mechanical opening/closing

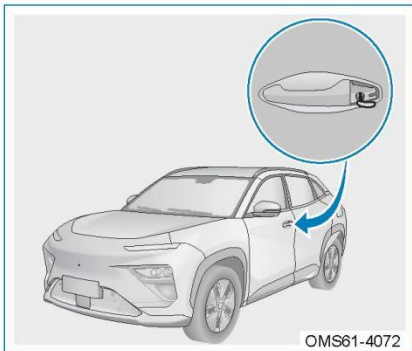
Manual door locking



When the battery of the vehicle is dead or under similar conditions, the vehicle cannot be electrically locked, and can be locked with the emergency locking function.

Open a door, and pull the toggle switch downward to lock the door; pull the door handle to determine if the door is locked.

Locking and unlocking with driver's mechanical key



Step 1: Take off the protective cap on the keyhole;

Step 2: Insert the mechanical key into the left front door keyhole, turn it clockwise to unlock the door, and turn it counterclockwise to lock the door.



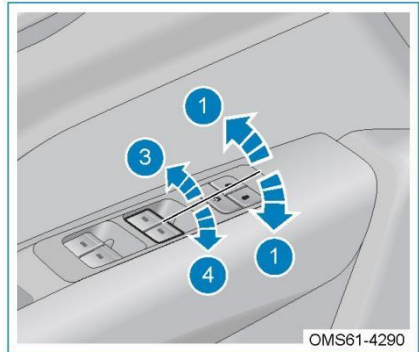
Caution

- In case of the above problems, go to the authorized service station of Chery NEV as soon as possible for maintenance.
- If the vehicle is urgently locked due to poweroff, check whether the doors are successfully locked one after another, and if the doors cannot be locked, contact the authorized service station of Chery NEV as soon as possible for maintenance.

Windows

Power windows

When the vehicle is powered up, operate the window switches to roll up or down the corresponding window.



The door electric window switch at the driver's side is as shown in the figure below:

- 1 Pull the switch upward to the top to automatically roll up the window, and press the switch again to stop the rolling.
- 2 Pull the switch downward to the bottom to automatically roll down the window, and press the switch again to stop the rolling.
- 3 Pull the switch upward briefly to roll up the window, and release the switch to stop the rolling.
- 4 Pull the switch downward briefly to roll down the window, and release the switch to stop the rolling.

4. In-vehicle functions



Warning

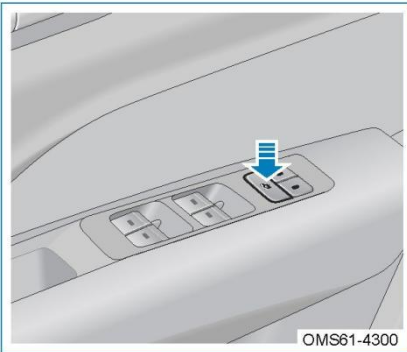
- Only the anti-pinch model is equipped with the one-button rolling up function for the windows.
- During automatic rolling up or down of a window, the automatic rolling will stop when you press the electric window switch (no matter up or down).
- When the vehicle is running and passing through bumps and potholes, the door system may be suddenly affected by gravity, which may interrupt the one-button rolling up process of the window and cause the window to roll down instead. The probability of such reversed rolling is low, and it is normal.



Caution

- To roll up or down the windows after the vehicle is parked in a low-temperature environment for a long time, the window glasses may not be able to roll all the way up or down to the top or bottom, in which case, release the switch, and press it again. It is necessary to repeat the steps 3-5 times in general.
- Be careful when rolling down the windows, otherwise you may suffer serious crushing injuries; for the window with anti-pinch windows, the anti-pinch function can be enabled in the anti-pinch area for occupant protection, and for thin or soft objects, it will not be able to ensure the anti-pinch function can be enabled, which may also cause extremely serious damages.

■ Occupant window blocking switch



When the occupant window blocking switch is pressed, its indicator light goes on and the occupant window switch is blocked; when switch is pressed again, the function is disabled, and the indicator light goes off.



Reading

The occupant window blocking switch is used to block the electric window switch function at the occupants' side, and after the blocking, the windows at the occupants' side can be operated by the electric window switch at the driver's side. It is suggested to use this function when there is a child in the vehicle.



Warning

- To avoid injuries to the occupants, the driver has the responsibility to guide all the occupants to roll up/down the electric windows, and should especially prevent the wrong use by children.
- Before using the remote window rolling up/down function, please be careful to use the function only when you can clearly see the vehicle and be sure that the occupant will not be caught by the window.

Window remote control function

■ Remote control window lowering function

Close all the doors, and press and hold the unlocking button of the key fob for at least 1.5s to roll down the windows in the four doors automatically. During the rolling-down process, release the unlocking button to stop the rolling down of the windows.

■ Raise the window automatically after locking the vehicle

After all the doors and the front hood are closed, press the locking button of the key fob or enable the locking sensing function of the key fob to have the windows in the four doors automatically roll up to the top.



Reading

The user can control the windows to roll up and down through the phone APP or by voice.



Caution

- Press and hold the unlocking button of the key fob during remote control of window rolling down, and in case of an interruption of the remote control signal due to shaking (including factors such as hand shaking, electromagnetic interference, etc.), the remotely controlled window rolling down will stop.
- If the windows roll down abnormally in the remotely controlled one-button rolling up process, the horn honks 3 times successively for warning, prompting the user that the windows may not roll down normally.

Window anti-pinch function

■ anti-pinch function

While the anti-pinch system works normally, if the resistance of an obstacle in the anti-pinch area exceeds a certain value when the windows roll up automatically or under remote control, the rolling up process will be interrupted, and then the windows will roll down for a short distance. To close the window, remove the obstacle, and then operate the switch again.

■ Manual learning function

If the automatic window rolling up function and the anti-pinch function cannot be enabled, carry out the following steps to restore the functions, and ensure there are no obstacles within the window scopes during the learning.

1. Power up the vehicle;
2. Keep pressing the switch to manually roll up the window to the top, hold the switch for 2s, and then release the switch;

3. Keep pressing the switch again to manually roll down the window to the bottom, hold the switch for 2s, and then release the switch;
4. Try the automatic window rolling up function;
5. If a window cannot roll down automatically, repeat the above steps to set.



Caution

- Although the anti-pinch protection function is enabled during rolling down of the windows, still keep the rolling-down areas clear, otherwise the system would be unable to provide the anti-pinch function when it encounters a thin object and cannot determine the situation. When a hand or fingers of an occupant are pinched, it will cause extremely serious injuries.
- The anti-pinch function is a window safety protection function. Don't frequently use various objects and irregular methods to test the function, or enable the function by deliberately have any part of your body be pinched, otherwise the mechanism of the window lifting/lowering system may be damaged, or accidental personal injuries may be caused.
- If the battery cables are reconnected after disconnection, the automatic window rolling up function and the anti-pinch function will be ineffective.

■ Overheating protection function

For the purpose of protecting the motor, the overheating protection function will actively disable the control of the corresponding window switch if the window is operated to roll up/down continuously. After the motor temperature returns to normal, the disabling will be lifted, and this function will not affect the normal use of the other window lifting/lowering functions.

■ anti-pinch function disabling

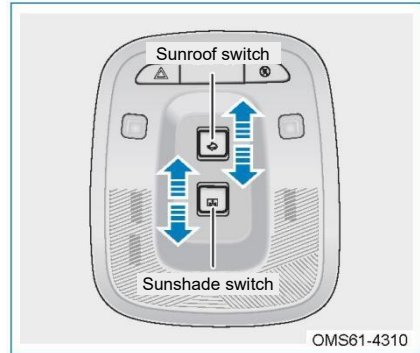
For the purpose of protecting the window regulator system, the window anti-pinch function will be disabled under certain circumstances, and the automatic window rolling up function will be disabled at the same time to avoid possible safety hazards. At this time, the windows only have the regular rolling-up/down function. After anti-pinch learning, the window rolling-up/down function of the corresponding door will return to normal.

- If an obstacle is encountered in 2 consecutive times of electric window rolling up, the rolling up will be interrupted, and the anti-pinch function will be disabled.
- If the power supply is interrupted during working or nonworking of the electric windows, the anti-pinch function will be disabled.

Panoramic sunroof (if equipped)

Panoramic sunroof

The sunroof can be opened and closed by multiple means, including the sunroof switch, voice control and remote control.



■ Automatic sunshade opening/closing

1. Push the sunshade switch backward and the sunshade will slide to the middle position, and push the sunshade switch again and the sunshade will slide to the fully open position.
2. When the sunshade is fully open, push the sunshade switch forward and the sunshade will slide to the middle position, and push the sunshade switch again and the sunshade will slide to the fully closed position.

■ Automatic sunroof tilting opening/closing

1. Push the sunroof switch backward and the sunroof will tilt.
2. When the sunroof is tilted, push the sunroof switch forward to close the sunroof or directly push the sunshade switch forward to close both the sunroof and the sunshade.

■ Automatic sunroof opening/closing

1. Push the sunroof switch backward and the sunroof will slide open, and push the sunroof switch backward again and the sunroof will slide to the maximum position.
2. When the sunroof is open, push the sunroof switch forward to close the sunroof or directly push the sunshade switch forward to close both the sunroof and the sunshade.

■ Remote control sunroof function

- When all doors are closed, long press the unlocking button on the key fob to automatically open the panoramic sunroof.
- When all doors are closed and the sunroof is not closed, press the locking button on the key fob or activate the key fob sensing locking function to automatically close the panoramic sunroof.

4. In-vehicle functions



Caution

- When the sunroof freezes or is covered by snow, do not forcibly open it, otherwise the sunroof windshield and the motor may be damaged.
- If there is water on the sunroof after raining, remove the water or lift the sunroof to prevent the water from flowing into the cab. After the water is drained away, open the sunroof.
- Regularly remove the remaining dust and debris from the sunroof slider and rubber strip with clean water. After washing the vehicle or after rain, completely dry the sunroof windshield before use.
- If the vehicle is parked under a tree or in a harsh environment, the sunroof drain may be blocked by leaves or dust. Check and clean it regularly.



Warning

Before closing the sunroof, take special care to ensure that the vehicle can be seen clearly and that the sunroof will not trap the occupants.

■ anti-pinch function

- When the sunroof tilting state is closed, if an obstacle is encountered, the sunroof will automatically return to the position at the tilting open attachment.
- When the sunroof open state is closed, if an obstacle is encountered, the sunroof will automatically return to the position at the extending open attachment.
- If an obstacle is encountered in the process of moving the sunshade from the half open position to the fully closed position, the sunshade will automatically return.

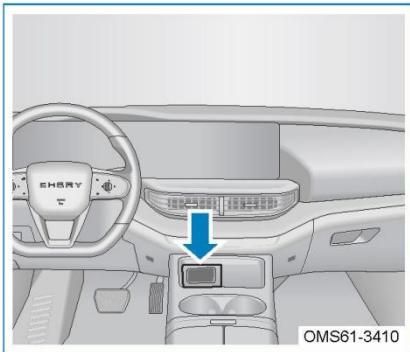




Warning

Despite the anti-pinch function, do not extend any body part or object out of the sunroof during the sunroof opening and closing process.

Wireless charging (if equipped)

With the electromagnetic induction technology, wireless charging is featured with convenience, versatility, novelty and safety, enabling you to have a better driving experience.




Power up the vehicle, put a mobile phone in the wireless charging sensing area, and the wireless charging starts to work; “” will be displayed on the IHU, and “” will be displayed on the head unit after the charging is completed.

The wireless charging cannot work normally under the following conditions:

- The operating frequency of the wireless charging is close to that of the keyless entry, which is easy to interfere with each other; when the door is open/closed, the vehicle is powered up or the brake pedal is stepped down, the vehicle will detect whether the key is in it, and the PEPS starts to work. At this time, the charging function needs to be shielded for 5~10 s; the wireless charging function will be restored after 5~10 s.
- The mobile phone cannot be charged when its back is more than 6 mm away from the wireless charging sensing area.
- When there is a piece of thick metal (such as 1-yuan coin or metal mobile phone shell) on the back of the mobile phone, the mobile phone cannot be charged



Reading

- and “” is displayed on the IHU.
- You need to set the wireless charging function in the audio system.
- The wireless charging function only supports charging of mobile phones with the wireless charging function.
- Place your mobile phone in the center of the mobile phone slot. If the mobile phone is shaken due to rapid acceleration, rapid deceleration or sharp turns during driving, the charging efficiency and stability may be affected.



Caution

- If the ambient temperature is too high, the mobile phone will trigger the temperature protection mechanism. You are advised to wait for the mobile phone to cool down for a period of time before charging it again.
- If your mobile phone does not support the wireless charging function, it is recommended that you do not use any wireless charging patch. The quality of wireless charging patch on the market varies, and its frequent use will cause damage (function failure, poor interface contact, or metal foreign object identification failure).

■ Mobile phone forgetting warning function

When the gear is shifted to P gear and the driver's door is opened, an alarm will be given until it is finished if the mobile phone is in the wireless charging sensing area.



Reading

The mobile phone forgetting warning function only supports mobile phones with wireless charging function.

Audio system

Audio view



- ⑦ Front windshield defogging and defrosting key
Click it to enable the front windshield defogging and defrosting function.
- ⑩ Front passenger temperature adjustment zone
Click it to adjust the front passenger temperature.
- ② Media widget
Click it to enter the music player interface
- ⑤ Home key
Click it on any interface to return to the Home.
- ⑧ Driver temperature adjustment zone
Click it to adjust the driver temperature.
- ⑪ Inside air/outside air key
Click it to switch between inside air/outside air.
- ③ AVM widget
Click it to enter the AVM interface.
- ⑥ Vehicle Settings
Click it to enter the Vehicle Settings interface.
- ④ Air volume adjustment zone
Click it to adjust the air volume.
- ⑨ Volume adjustment key
Click it to adjust the volume.



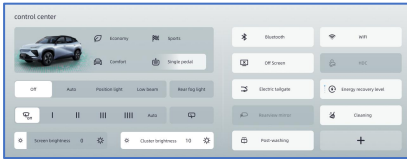
Reading

For more information about the audio system, please refer to the electronic version of "User's Manual" attached with the IHU.

4. In-vehicle functions

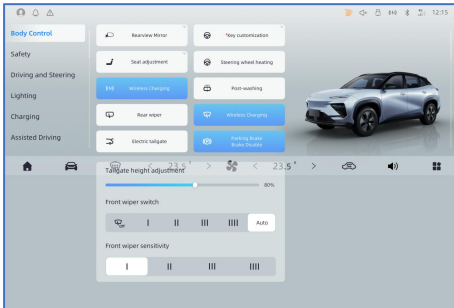
Vehicle Settings

Pull-down control center



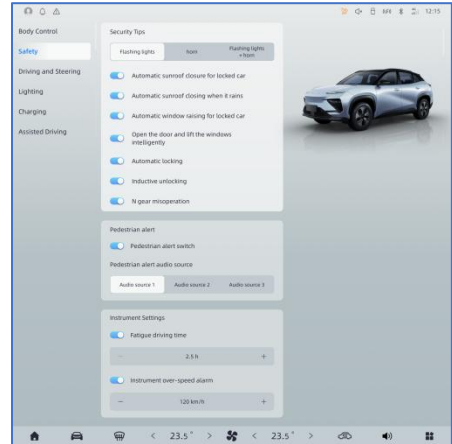
- Driving mode switching: Economy/Sports/Comfort/Single pedal.
- Lighting adjustment: on/off, Position light, low beam, Auto and Rear fog light.
- Front wiper adjustment: on/off, Wiper frequency mode, Auto.
- Center console screen adjustment: adjust the brightness of the screen.
- Instrument brightness adjustment: adjust the brightness of the instrument.
- Custom editing: instrument adjustment, Bluetooth on/off, Wi-Fi on/off, screen off on/off, energy recovery level adjustment (high/medium/low), electric liftgate on/off, AutoHold on/off, steering wheel heating on/off, screen cleaning on/off, HDC on/off, HAC on/off, ESC on/off, driver seat easy access on/off, and AVAS on/off.

Body control



- Rearview mirror adjustment: electric folding/unfolding, rearview mirror automatic folding upon parking on/off, and rearview mirror flip-down during reserving on/off.
- key Customization of steering wheel: media audio source switching, AVM, driving mode, and photo taking.
- Seat adjustment: seat heating (low - medium - high - off); seat ventilation (low - medium - high - off); seat massage (front passenger seat lumbar support and massage on).
- Steering wheel heating: on/off.
- Wireless charging: on/off.
- Post-washing: on/off.
- Rear wiper: on/off.
- Electric liftgate: on/off.
- Parking brake Disable: on/off.
- Liftgate height adjustment: 50–80%.
- Front wiper switch: on/off, wiper frequency mode, Auto.
- Wiper sensitivity: set the wiper sensitivity.
- Front wiper maintenance mode: on/off.

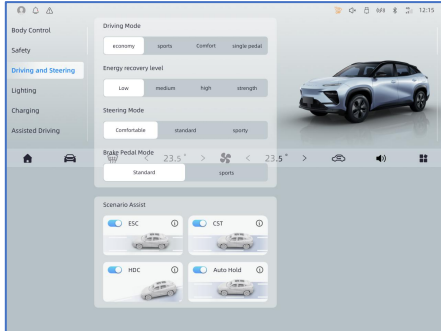
Safety



- Security Tips: flashing light, horn, horn + flashing light.
- Automatic sunroof closure for locked car: on/off.
- Automatic sunroof closing when it rain: on/off.
- Automatic window raising for locked car: on/off.
- Open the door and lift the windows intelligently: on/off.
- Automatic locking: on/off.
- Inductive unlocking: on/off;
- N gear misoperation: on/off;
- Pedestrian alert switch: on/off;
- Pedestrian alert audio source: There are three sound source options
Audio source 1 Audio source 2 Audio source 3
- Instrument Settings
Fatigue driving time: on/off; after it is turned on, set the fatigue driving time value.

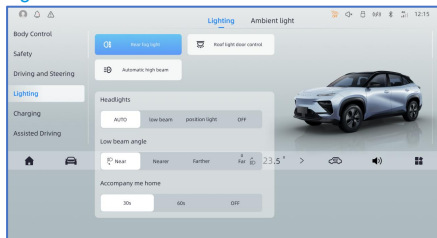
- Instrument over-speed alarm: on/off; after it is turned on, set the over-speed alarm value.

Driving and steering



- Driving mode: economy/Sports/Comfort/single pedal.
- Steering mode: Comfortable/standard/sporty.
- Energy recovery level: low/medium/high/strength.
- Brake pedal mode: Standard/spots.
- ECS: on/off.
- HDC: on/off.
- CST: on/off.
- AutoHold: on/off.

Light



- Rear fog light: on/off.
- Dome light door control: on/off.
- Automatic high beam: on/off.
- Headlight: off/automatic/low beam/marker light.
- Low beam angle: low/relatively low/relatively high/high.

- Accompany me Home: 30 s/60 s/off.

■ Ambient light



- Ambient light color selection: set the color of the front or rear ambient light in the red box area



- ON/OFF: ambient light on/off.
- Brightness: light brightness adjustment.
- Associated position light on/on/off.
- Front: front seats ambient light on/off
- rear seat: ambient light on/off
- Synchronization: The ambient light color synchronization option, if turned on, synchronizes the colors of the front and rear ambient lights. If turned off, the colors of the front and rear ambient lights can be set separately.
- ⚙️ Setting: Click the Settings button to enter the 4 setting options of the ambient light:
 - Breathing effect switch: on/off
 - Breathing effect rhythm with the speed of the car: on/off
 - Off driving mode: on/off
 - Music rhythm: on/off

Charging



- Charging threshold: set the charging threshold to 50-100%.
- Charging mode: instant charging/Appointment charging.
- Reservation time: Set start time and end times for appointment charging
- ECO MODE: standard range /dynamic range.

4. In-vehicle functions

ADAS



[Lane assist]

- LDP(Lane Departure Prevention): on/off.
- LDW(Lane Departure Warning): on/off.
- ELKA(Emergency Lane Keeping Assist): on/off.

[Safety assist]

- AEB&FCW(Autonomous Emergency Braking&Forward Collision Warning): on/off.
- SCF(Speed Control Function): on/off.
- DAI: on/off.

Other settings

Set the Bluetooth on/off in the Bluetooth interface; set the screen brightness, the instrument brightness and the display mode in the display interface; adjust the volume and the key tone in the sound interface; view the system version information in the general interface.



Reading

The vehicle settings vary according to the vehicle configuration. Please refer to the actual vehicle configuration.

Speech recognition function (if equipped)

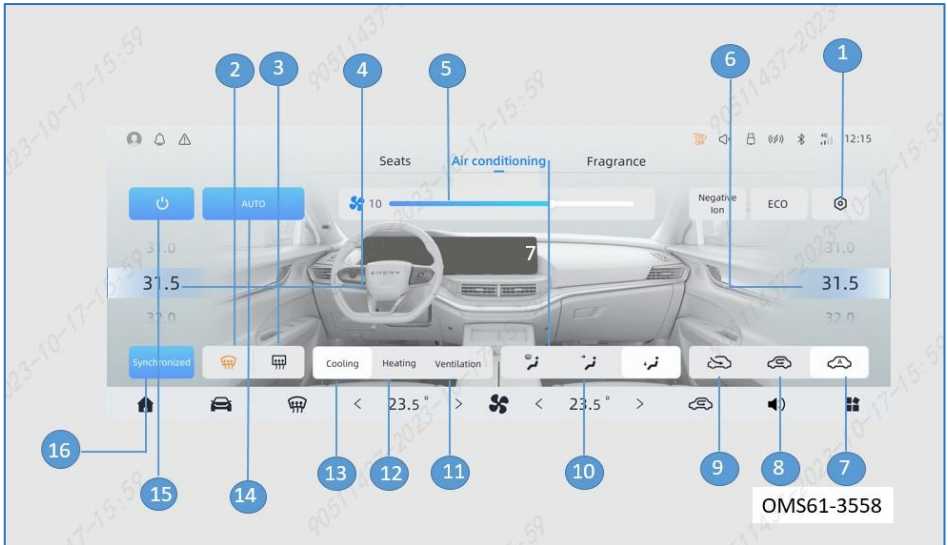
The speech recognition function enables voice control of navigation, radio, telephone, inquiry, and vehicle control (opening windows or sunroof, switching driving mode, and turning on wiper, electric liftgate, seat heating/ventilation, or A/C).

When the IHU is turned on, wake up the speech recognition function by using one of the following methods:

- Method 1: directly say "Hello Xiaoqi".
- Method 2: press the speech recognition key "🗣️".

Automatic A/C system

Automatic A/C system



- | | | |
|--|---|---|
| ① Setting key | ② Front windshield defogging and defrosting key | ③ Rear defroster button |
| ④ Driver temperature adjustment zone | ⑤ Air volume adjustment zone | ⑥ Front passenger temperature adjustment zone |
| ⑦ Inside air/outside air automatic switching key | ⑧ Inside air button | ⑨ Outside air button |
| ⑩ Mode adjustment key | ⑪ Ventilation key | ⑫ Heating key |
| ⑬ Cooling key | ⑭ Automatic key | ⑮ A/C ON/OFF key |
| ⑯ Sync key | | |



Caution

The operating interface of the A/C system can be displayed by swiping the screen upward at the bottom of the OBU interface.

Control key

A/C ON/OFF key

Press the A/C ON/OFF key to turn on/off the A/C system.

Temperature adjustment

Operate the temperature adjustment zone in the A/C interface at the IHU to adjust the temperature.

Air volume adjustment

Operate the air volume adjustment zone in the A/C interface at the IHU to adjust the air volume.

Automatic key

Press the automatic key to realize the automatic ventilation of the A/C system.

Cooling key

Press the cooling key to realize the A/C cooling.

Heating key

Press the heating key to realize the A/C heating.

Ventilation key

Press the ventilation key to realize the A/C ventilation.

Inside air/outside air automatic switching key

Press it to realize the automatic switching of the inside air/outside air mode.

Inside air/outside air key

Press the inside air/outside air key to switch the inside air/outside air. The inside air mode is used in the following cases:

- In a dusty environment.
- To avoid outside exhaust gas from getting into the vehicle.
- To cool or heat the air inside the vehicle quickly.
- To isolate other odors from the outside of the vehicle.

Mode adjustment key

Press the mode adjustment key to adjust the mode; window blowing mode, face blowing mode and foot blowing mode can be combined, while window blowing mode and face blowing mode cannot be combined.

Inside air/outside air key

Press the inside air/outside air key to switch the inside air/outside air. The inside air mode is used in the following cases:

- In a dusty environment.
- To avoid outside exhaust gas from getting into the vehicle.
- To cool or heat the air inside the vehicle quickly.
- To isolate other odors from the outside of the vehicle.

Sync key

Press the sync key to switch the single/dual zone mode.



Reading

- Single zone mode: The sync key is on, indicating that the A/C is in the single zone control mode, and the driver temperature and the front passenger temperature cannot be adjusted separately.
- Dual zone mode: The sync key is off, indicating that the A/C is in the dual zone control mode, and the driver temperature and the front passenger temperature can be adjusted separately.

Front windshield defogging and defrosting key

After starting the vehicle, press the front windshield defogging and defrosting key to turn on (adjust the air flow mostly to the front windshield and a little to the side windshield)/off the front windshield defogging and defrosting.

When the air volume is in the non-OFF position, press the front windshield defogging and defrosting key to turn on the outside air and the A/C compressor in a forced manner.



Reading

- Before driving, make sure that the inner surface of the windshield is clean and dry. If there is obvious dust or water on the windshield, wipe it clean.
- After removing frost or fog, adjust the mode and the air volume to the appropriate positions to improve the indoor comfort of the vehicle.
- If the A/C cooling is failed, the defogging effect will be affected. Please go to an authorized service station of Chery NEV for maintenance.

4. In-vehicle functions



Caution

- Use the defogging function properly to ensure driving safety.
- Do not use the inside air mode for a long time in winter. Otherwise, it will cause the front windshield to fog quickly.
- The poor vision of the windshield will increase the risk of traffic accidents and personal injury, so keeping a good vision during driving is crucial to driving safety.

Rear defroster

After starting the vehicle, press the rear defrosting key to enable/disable the rear defrosting/external side mirror (if equipped) heating defrosting function.



Caution

- After removing fog or frost from the surface of the rear windshield/external side mirror, make sure that the rear windshield/external side mirror defrosting function is disabled.
- When cleaning the rear windshield or the exterior side mirror, do not damage the heating wire.
- When the battery SOC is low, the rear defroster cannot be turned on to ensure the normal start of the vehicle.



Warning

When the rear windshield/external side mirror heating defrosting function is enabled or just disabled, do not touch the rear windshield/external side mirror to avoid burns.

A/C settings (if equipped)

- A/C interface display duration setting: 5 s, 10 s, 15 s or 30 s.
- Cabin overheating protection setting: off, cooling, or on.
- Self-ventilation on/off.
- Bluetooth active noise reduction on/off.
- Smoking mode on/off.

A/C heating operation

When the vehicle is in the READY state:

1. Press the heating key and the A/C system will automatically control the air outlet temperature, the air outlet mode and the air volume according to the user's set temperature and current environmental conditions in order to meet the user's needs for temperature control;
2. The selection of the inside air mode can speed up heating and help to improve the power consumption economy and the driving comfort.



Reading

When the A/C is automatically controlled, priority is given to defogging and defrosting, so the automatic mode is window blowing and foot blowing mode, resulting in loud noise and feet not warm enough during actual use. Therefore, it is recommended that the user should manually set it to the foot blowing mode in the case of no fog on the front windshield. If there are many persons in the vehicle and there is fog on the front windshield, the air outlet mode can be manually switched to the foot blowing and window blowing mode.

A/C cooling operation

When the vehicle is in the READY state:

1. Press the cooling key and the A/C system will automatically control the compressor on/off, the compressor displacement, the air outlet temperature, the air outlet mode and the air volume according to the user's set temperature and current environmental conditions in order to meet the user's needs for temperature control;
2. The selection of the inside air mode can speed up cooling and help to improve the power consumption economy and the driving comfort.

In order to obtain the optimum cooling effect, follow the operation below:

1. Keep the surface of the A/C filter clean and free of obvious blockage;
2. Press the cooling key and then set the driver/front passenger temperature to LO. The air volume, the inside air/outside air, the blowing mode and the A/C compressor will be automatically set to the states required for maximum cooling.



Caution

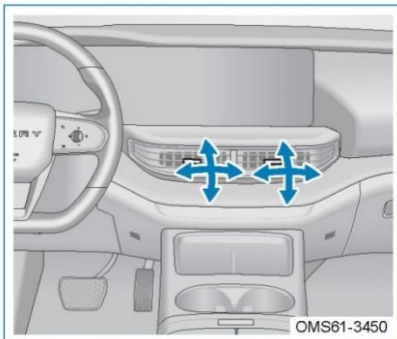
- To prolong the service life of the A/C system, do not use the A/C at a low speed for a long period of time.
- Please purchase special refrigerants and compressor lubricating oil from the authorized service station of Chery NEV. Otherwise, the resulting damage to the A/C system will not be claimed.
- In hot summers, the sun exposure can cause rapid temperature rise in the closed vehicle, which, even in a short period of time, can cause injury or death to people or animals, and is especially dangerous for infants and young children.
- It is forbidden to repair the A/C system without permission. The high-pressure refrigerant in the A/C system is harmful to people, so you shall go to an authorized service station of Chery NEV for maintenance.

Reading

- If the surface of the A/C condenser is dirty and blocked, the cooling effect will be poor. Please keep the condenser clean.
- After the use of the A/C cooling, condensed water will drip from the A/C drain pipe and form a puddle under the vehicle, which is normal.
- When the A/C is turned on, if the vehicle continues to climb or is in an extremely slow driving for a long time, the motor may overheat. Please observe the motor coolant overheating alarm indicator light. If the motor overheats, it is recommended to turn off the A/C.
- Under hot and humid conditions, when the air is cooled rapidly, you may see fog coming out of the air outlet, which is a normal physical phenomenon.
- It is recommended that the A/C cooling system is turned on for no less than 5 min per month and the windows are opened at the same time. This will help prevent damage to the A/C system due to poor lubrication and can also prevent the evaporator from producing odors due to bacteria breeding.
- The refrigerant in the A/C system will gradually decrease with the extension of the use time. If you feel that the A/C cooling effect is poor, please go to an authorized service station of Chery NEV for maintenance in time.
- When your vehicle is in rapid acceleration, accelerated overtaking or climbing, the power system requires more power as compensation. At this time, if you are using the A/C, the compressor may automatically shut down. If the compressor does not automatically shut down and you feel that the power is insufficient, it is recommended that you turn off the A/C.

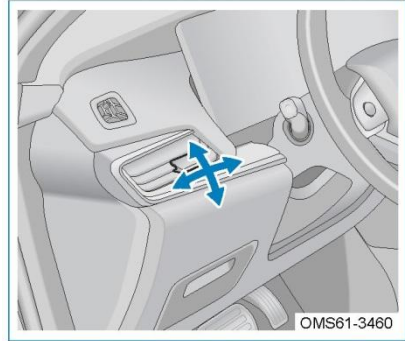
Air flow control at the air outlet

Central air outlet



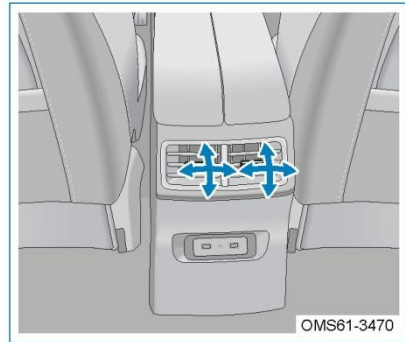
Adjust the direction of the air flow by manually adjusting the adjusting lever at the central air outlet up and down or left and right.

Side air outlet



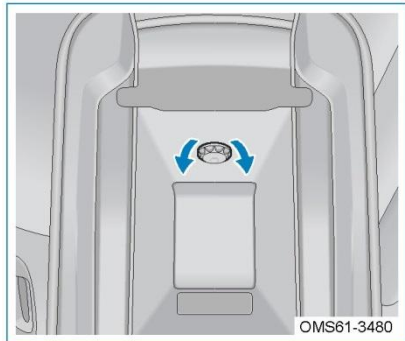
Adjust the direction of the air flow by manually adjusting the adjusting lever at the left/right side air outlet up and down or left and right.

Rear air vent



Adjust the direction of the air flow by manually adjusting the adjusting lever at the armrest box air outlet up and down or left and right.

Console air outlet



Open the air outlet counterclockwise and close the air outlet clockwise.

4. In-vehicle functions

Fragrance system (if equipped)

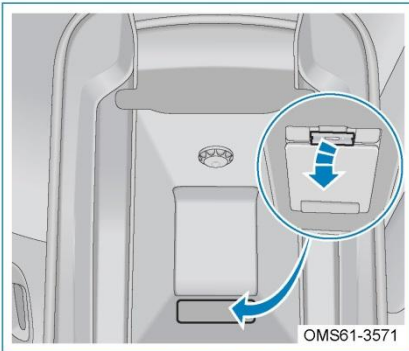
Fragrance system

The fragrance system can improve the smell inside the vehicle, remove the odor from other items or objects in the vehicle and make the smell in the vehicle space fresh and natural so that all passengers have a high sense of pleasure. The fragrance can relieve people's tension and anxiety, making them relaxed and pleasant. A refreshing fragrance allows drivers to keep a clear mind and calm during driving, thus reducing the occurrence of accidents.



The vehicle is equipped with three fragrances: fresh, pleasant, and romantic. The users can choose the corresponding fragrances according to their preferences; after selection, the users can set different fragrance concentrations according to their own needs.

Fragrance replacement



1. Pull it outward to open the fragrance box;



2. Remove the fragrance box and replace the fragrance;
3. Align the slot with the limit boss and press the fragrance box cover after clamping.

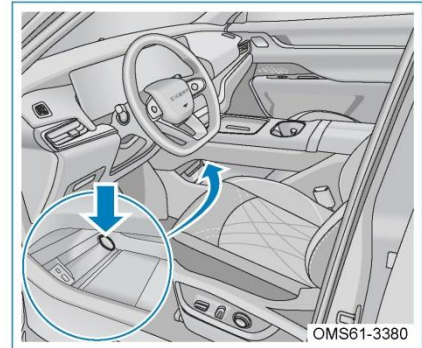


Reading

Be careful when disassembling/installing the fragrance box to avoid damage. It is recommended to contact the after-sales personnel of the authorized service station of Chery NEV for operation; fragrances can be purchased from the authorized service station of Chery NEV.

Power socket (if equipped)

Power socket



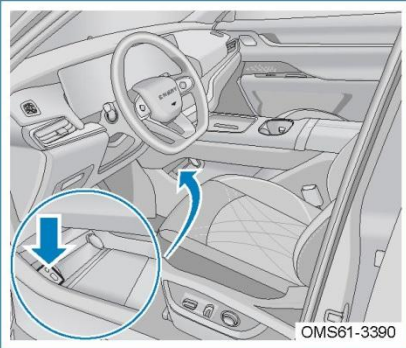
The front power socket is located under the armrest box. The power socket can be used only when the vehicle is powered up.




Caution


- Do not use high-power (more than 120 W) electrical equipment to prevent the fuse from blowing.
- Do not use the power socket for a long time to prevent the battery from running out.
- Do not put any object or liquid into the socket other than a suitable plug. Failure to do so may cause electrical failure or short circuit.

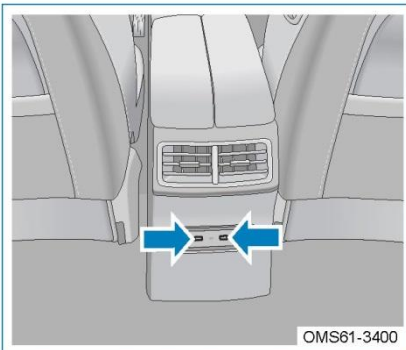
USB port




The front USB port is located under the armrest box.

USB port "  ": used for reading USB flash disks and charging low-power electrical appliances such as mobile phones.

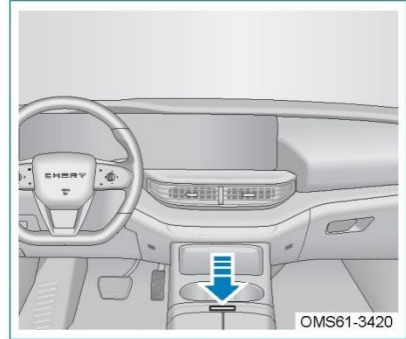
USB port "  ": used for reading USB flash disks, connecting with mobile phones and charging low-power electrical appliances such as mobile phones.



The rear USB port is located under the rear air outlet on the middle armrest box.

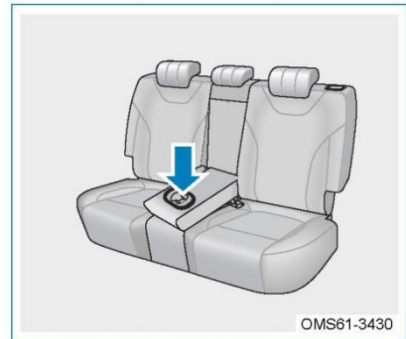
USB port "  ": used for reading USB flash disks and charging low-power electrical appliances such as mobile phones.

Cup holder



Front cup holder

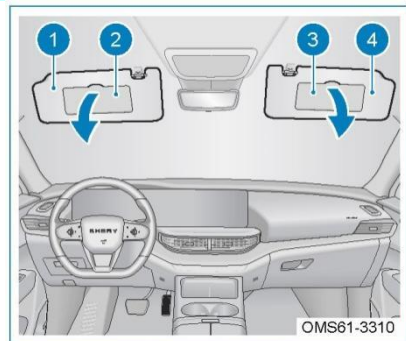
The front cup holder is located on the console.



Rear cup holder

The rear cup holder is located on the rear center seat back.

Sun visor and vanity mirror



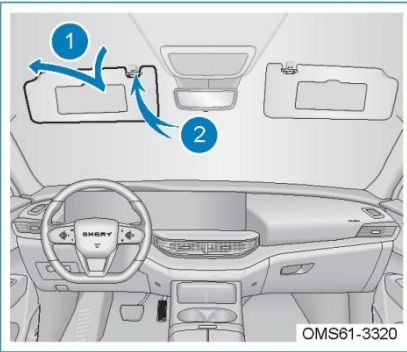
- ① Driver vanity mirror
- ② Driver side sun visor

4. In-vehicle functions

- ④ Front passenger side vanity mirror
- ① Front passenger side sun visor

To use the vanity mirror, flip the vanity mirror slide.

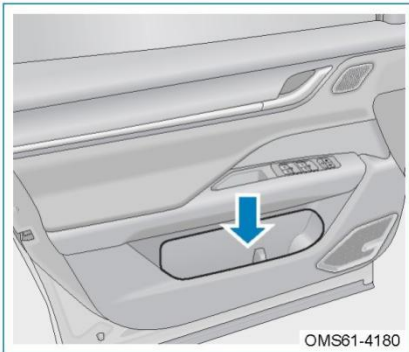
If the vehicle is equipped with a vanity mirror light and the vanity mirror slide is flipped, the corresponding vanity mirror light is on.



- ① Flip down the sun visor.
- ② Unhook and then rotate to the side to block the side light.

Storage space

Door storage box



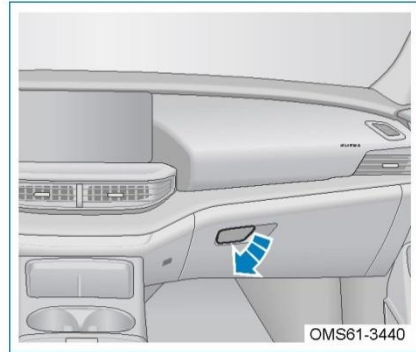
The door storage boxes on the front and rear doors can be used to store maps, teacups and other items.



Reading

Do not place oversized items in the door storage boxes.

Glove box



Open the glove box, which can be used to store maps, user's manual and other items.



Reading

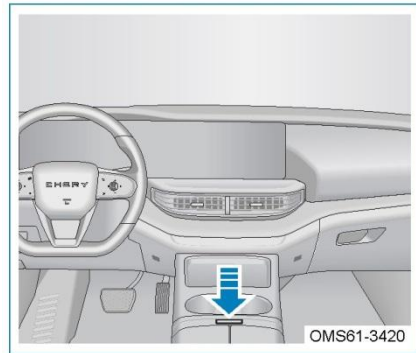
Do not place oversized items in the glove box.



Caution

Keep the glove box closed. Otherwise, the opened glove box or the items stored in it may hit the passengers during emergency braking or emergency steering, resulting in an accident.

Console storage box



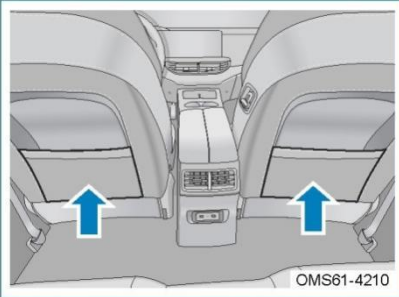
The console storage box can be used to store maps, user's manual and other items.



Warning

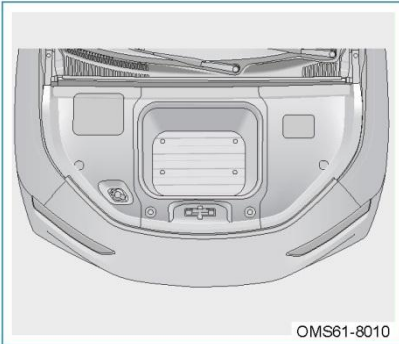
- Neither adults nor children are allowed to sit on the console storage box.
- The console storage box must be closed when the vehicle is driving, and the opened console storage box may hinder the driver's arm movement and may cause injury.

Seat storage bags



The storage bags are provided behind the front seat backs and used to store documents and user's manual.

Front trunk storage box (if equipped)



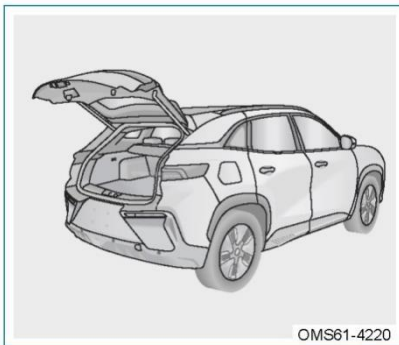
If there is a front trunk storage box, open it to store luggage and items.



Reading

The maximum loading mass of the front trunk storage box is 30 kg.

Rear trunk



To expand luggage storage space, the foldable rear seats provide convenience for cargo storage when there are no passengers in the rear seats. See the "Seats" for details.

When you store luggage in the vehicle, you must follow the instructions below:

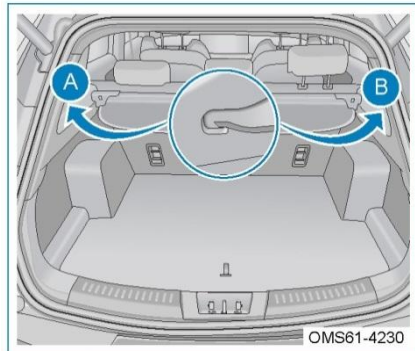
- Keep the vehicle balanced.
- Do not store unnecessary items to save power.
- Do not store oversized items to avoid affecting the normal closure of the liftgate.



Warning

- Do not drive the vehicle with the liftgate open or not closed to prevent the items from being thrown out and causing injuries.
- Do not pile up the goods or the luggage higher than the seat backs in the vehicle. The goods or the luggage should be placed in a low place and should be close to the floor to prevent them from sliding forward and causing injuries during braking.
- Do not allow anyone to sit in the rear trunk. The passengers must stay in the seats and properly fasten the seat belts. Otherwise, they are likely to be seriously injured in the event of emergency braking or a collision.

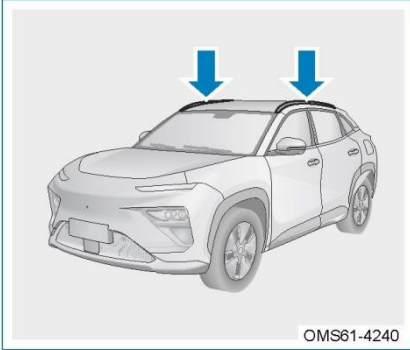
■ Cargo shield (if equipped)



Pull the cargo shield to the slots at the points A and B for fixing and confirm whether it is fixed normally.

4. In-vehicle functions

■ Luggage rack



The luggage racks are mounted on both sides of the roof.



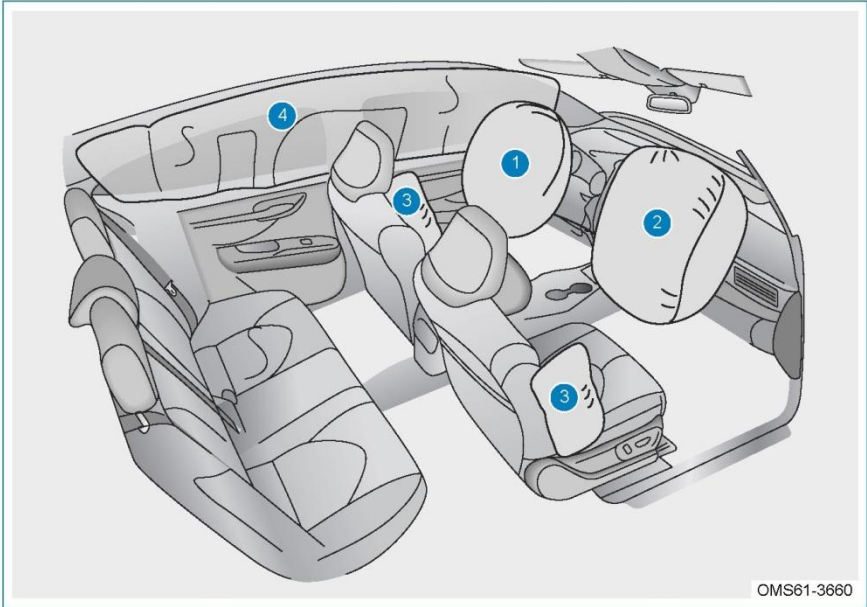
Caution

The luggage racks of the vehicle are not intended to carry any luggage, are mounted for decoration only, and cannot be acted upon by external forces.

Airbags

4

Airbags



- ① Driver airbag
- ② Front passenger airbag
- ③ Front seat side airbag

Airbag position

The airbags cooperate with seat belts to protect the passengers in the vehicle. When the vehicle encounters a severe frontal/side collision and meets the conditions for inflation, the airbag will quickly deploy a bag full of gas between the passenger and the interior trims, making the passenger through himself on the bag, avoiding or slowing down the secondary collision, thereby reducing the degree of injury of the passengers and the driver.

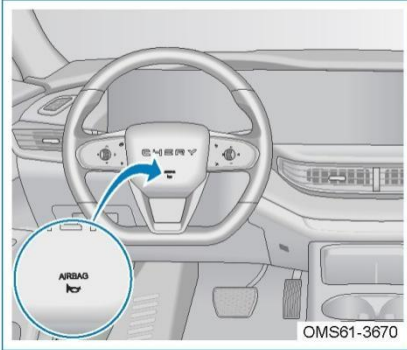
- ④ Front passenger airbag
- ⑤ Curtain airbag (if equipped)



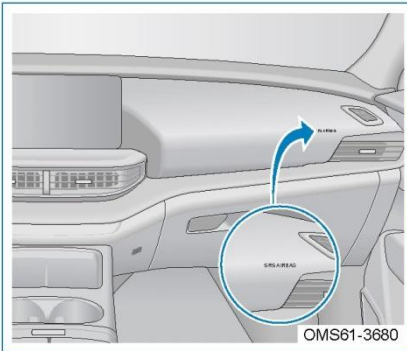
Warning

Be sure to fasten the seat belt correctly, otherwise, the airbag will not be able to effectively play its protective role in the event of an accident, and it will cause more serious injuries due to the rapid inflation and expansion of the airbag.

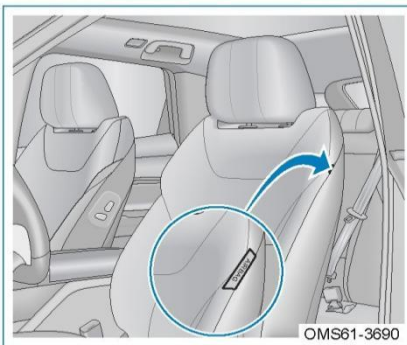
Driver airbag



The driver airbag will flip away from the steering wheel and inflates when it is triggered.
Front passenger airbag

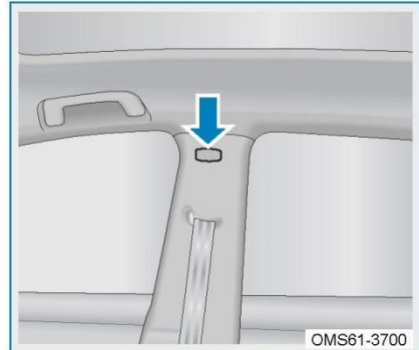


The front passenger airbag will flip away from the dashboard and inflates when it is triggered.
Rear seat side airbag



When the vehicle encounters a side collision and meets the conditions for inflation, the system will trigger the seat airbag on the collision side. Seat airbags are devices that provide additional protection for the driver and front passengers in addition to the safety protection of the seat belts.

Curtain airbag (if equipped)



When the vehicle encounters a side collision and meets the conditions for inflation, the curtain airbag provides protection for the head of the passengers on the front seat and the rear outer seat on the collision side, reducing the risk of injury to the passengers.

Correct use of airbags and precautions

■ Fault indicator light

If any of the following situations occurs, it means that the airbag is faulty, please contact the authorized service station of Chery NEV for overhaul as soon as possible:

- When the vehicle is powered up, the airbag fault indicator light is not on or normally on, or it flashes.
- The airbag fault warning light is on or it flashes while driving.

■ Airbag inflation

- After the airbag is inflated, it will deflate quickly, and some parts of the airbag module may generate heat. Do not touch any related parts at this time.
- The vehicle automatically unlocks the doors, lights up the interior lights, and turns on the hazard warning flashers after the airbag is inflated.
- Some smoke and dust will be released from the vent hole of the airbag after deflation. For people with asthma or other respiratory diseases, such dust may cause respiratory problems. Everyone in the vehicle should get out of the vehicle as soon as possible, or open the windows to breathe the fresh air, and seek medical treatment timely if necessary.
- If the part (such as steering wheel and the dashboard) where the airbag is located is damaged or broken, please go to the authorized service station of Chery NEV for replacement as soon as possible.

4. In-vehicle functions

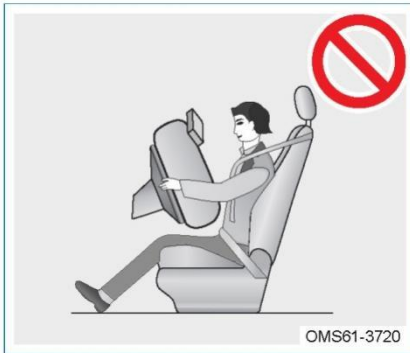
■ Correct use of airbags



Airbags cooperate with seat belts to protect safety of the driver and the passengers, but they cannot replace the seat belts. In addition, the airbag will only be inflated when the collision degree of the vehicle meets the design working conditions. In some collision accidents, the seat belt is the only protection device. Fastening with the seat belt in a collision accident can help reduce the risk of hitting objects in the vehicle or being thrown out of the vehicle, and can effectively protect the passengers and the driver, so all people in the vehicle should fasten the seat belts correctly.

- The airbag will generate a considerable force when it is inflated instantly. In order to avoid serious injury or death, do not cling to the airbag or be too close to the airbag, and avoid sitting on the edge of the seat or leaning the body forwards. When driving the vehicle, the driver should sit as far back as the passengers.
- Airbags and seat belts can provide protection for adults and children who meet the seat belt fastening requirements. For protection on infants and young children, please refer to the "Child safety seat" for details.

■ Precautions for using airbags



The airbag inflation path must be kept clear, and it is forbidden to place any objects (mobile phones, etc.) between the passengers and the airbag, and it is forbidden to fix or place any objects on or near the airbag cover.

If there is an object between the occupant and the air bag, the air bag may not be deployed in the designed path, or the air bag may squeeze the object into the passenger's body, resulting in serious injury or death.



Do not sit on the edge of the seat or lean on the dashboard.



Do not allow children to stand in front of the front passenger airbag device or sit on the lap of the front passenger.



Do not lean on the door, A-pillar, B-pillar or C-pillar. Do not kneel on the passenger seat facing the vehicle door or stick the head and hands out of the vehicle.

4. In-vehicle functions



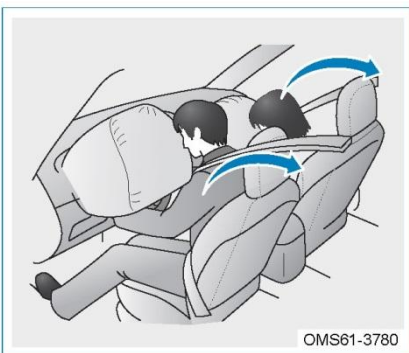
Do not stick or lean anything on the dashboard, the steering wheel, the lower part of the dashboard, etc. These items may be ejected when the driver airbag and the front passenger airbag are deployed.



Do not fasten anything to the door, windshield, side door glass, A-pillar, B-pillar, C-pillar, roof side beams, auxiliary handles, etc.

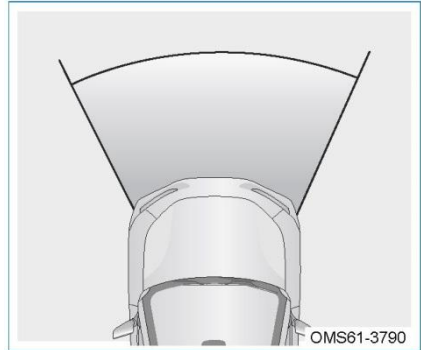
Do not strike the area where the airbag components are located or apply excessive force to this area. Otherwise, it may cause a fault to the airbag.

■ Deployment conditions of airbags

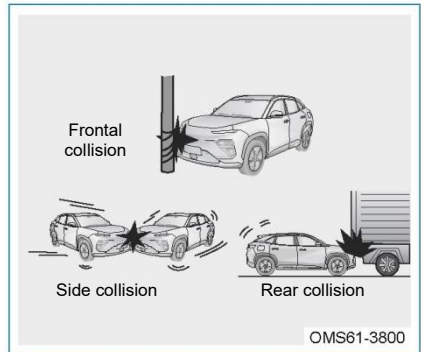


In the event of a severe frontal collision, the driver airbag, the front passenger airbag and the seat belts will work together to help reduce the impact to the head or the chest of the driver and the front passenger from interior components. The front passenger airbag will be activated even if there is no passenger in the front seat.

■ Working condition



Working conditions: Under normal circumstances, when the vehicle is hit in the front, and the vehicle deceleration exceeds the designed critical value, the driver airbag and the front passenger airbag will be deployed.

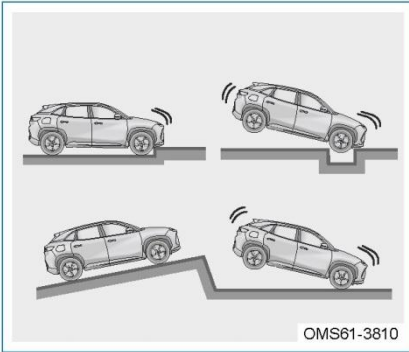


If the severity of the front impact of the vehicle exceeds the critical value, which is equivalent to the impact caused by the collision of the vehicle at a certain speed directly against a fixed or non-deformable obstacle, the driver airbag and the front passenger airbag will be deployed.

As shown, if the front of the vehicle hits an electric line pole lightly, runs into the underside of a truck, or encounters a sideways collision, the driver airbag and the front passenger airbag may not be deployed.

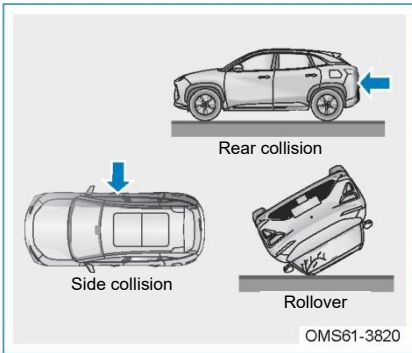
4. In-vehicle functions

■ Other situations in which the airbags may be deployed except for collisions

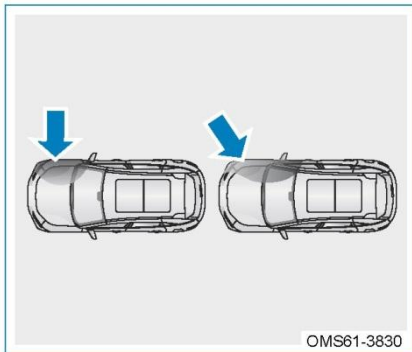


As shown, if the underside of the vehicle suffers a severe impact, the driver airbag and the front passenger airbag may also be deployed.

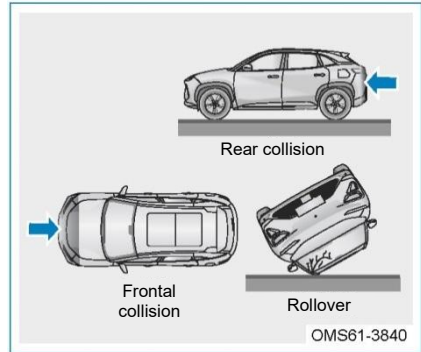
■ Other situations in which the airbags may not be deployed in a collision



When the vehicle encounters a side collision, a rear-end collision, an overturn or a low-speed frontal collision, the driver airbag and the front passenger airbag may not be deployed.



As shown in the figure, if the vehicle is involved in a side collision where the collision area is not the passenger compartment, or if the side collision is at an angle to the vehicle body, the front side airbags and the curtain airbags may not be deployed.



If the vehicle is involved in a frontal or rear collision, an overturn, or a low-speed side collision, the seat airbags and the curtain airbags may not be deployed.



- It is forbidden to use seat covers that cover the side of the seat, otherwise the airbag on the side of the seat may not be ejected after inflation, which will reduce the protection for passengers.
- When cleaning the seat, do not immerse the liquid in the seat, otherwise it will wet the front seat side airbag, which may cause the failure of the side airbag of the front seat.

■ Modification and disposal of airbag system components

Do not scrap the vehicle or carry out any of the following modifications without consulting the authorized service station of Chery NEV. Otherwise, the airbag may malfunction or may be deployed (inflated) unexpectedly, resulting in death or serious injury.

Do not work on the following components without the permission from the authorized service station of Chery NEV:

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

Event Data Recording System (EDR)

This vehicle is equipped with an event data recording system (this feature is integrated into the air bag module). The automotive data recording system can record data information such as traveling speed and braking status of the vehicle in case of a collision.

4. In-vehicle functions

This data can be used to analyze the operating status of vehicle dynamics-related and safety-related systems during airbag deployment or a collision. The data in the event data recording system can be read by the special diagnostic instrument of Chery New Energy. If necessary, please contact the authorized service station of Chery NEV.



Reading

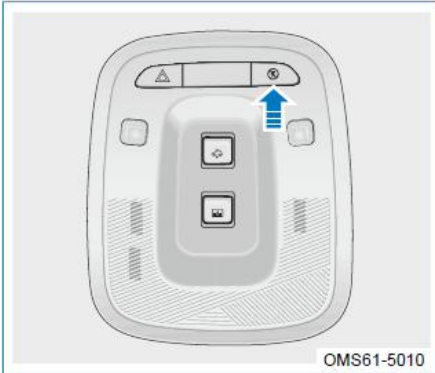
The EDR records data only when a vehicle is involved in a major collision. The EDR does not record data during normal driving.

5. Driving

Startup and shutdown of the vehicle

Power-up and power-down of the vehicle

- Power-up
 - After unlocking the vehicle and opening the door at the driver seat side, the vehicle is automatically powered up.
 - When the vehicle is powered down, and the key fob is placed in the vehicle, the vehicle is automatically powered up when the brake pedal is stepped on.
- Vehicle power-down (conventional power-down)
 1. Stop and apply the parking brake;
 2. Shift to gear P;
 3. Get out of the vehicle with the key fob and close the door;
 4. Lock the vehicle;
 5. Check and verify that the vehicle is locked.
- Vehicle power-down (emergency power-down)



Hold down the emergency power-down switch for 3s or step on the emergency power-down switch three times within 3s to power down the vehicle.

Before startup

1. Make sure there are no obstacles around the vehicle.
2. Make sure all occupants are strapped in.
3. Adjust the seat to a comfortable position.
4. Make sure headlights and other electrical accessories are powered off.
5. Verify that the parking brake has been applied.
6. Verify that the gear is in P.
7. Make sure the key fob is on the vehicle (including the rear trunk area).
8. Adjust the Angle of the interior rearview mirror/ exterior side mirrors.

Starting the vehicle

1. Enter the vehicle with a key fob. When the system detects the presence of a legitimate key in the vehicle, it unlocks the vehicle;
2. Open the door at the driver seat side, and the vehicle is powered up;
3. Step on the brake pedal and shift the gear to D/R, at which point the "READY" indicator light of the instrument cluster is on.



Reading

If you enter the vehicle with the key fob, but do not step on the brake pedal and do not switch gear to D/R, the vehicle is powered up but not started.

Driving

In the following cases, special attention should be paid to the lower parts of the vehicle to avoid scratches on the chassis.

- When driving on roads with poor conditions.
- When driving across the curb.
- When driving on steep hills.

It is forbidden to overload the vehicle, and special attention should be paid to when the vehicle is fully loaded.



Warning

The EDR records data only when a vehicle is involved in a major collision. The EDR does not record data during normal driving.

Driving

1. Step on and hold the brake pedal, shift the vehicle to gear D/R, and the system automatically releases the EPB.
2. Release the brake pedal, the vehicle starts to creep, step on the accelerator pedal lightly, and the vehicle starts to move.
3. To speed up, step on the accelerator pedal gradually. To drive at a constant speed, keep the accelerator pedal at a certain opening; to brake, step on the brake pedal.



Caution

- It is forbidden to step on the accelerator pedal during the shifting process to avoid loss of control for the vehicle.
- Do not step on the brake pedal and the accelerator pedal at the same time. Avoid emergency braking when the vehicle is running; slow down as much as possible when turning, and never make sharp turns.
- The power battery is installed on the bottom of the vehicle. During driving, please pay attention to obstacles on the road. Any form of scratch on the lower part of the vehicle may damage the power battery or other important chassis components. Once the bottom of the vehicle scratches, please stop and check the bottom of the vehicle if conditions permit or go to an authorized service station of Chery NEV for inspection at the first time; do not wade in the water on the way to the service station to avoid damage to the internal battery due to damage to the power battery housing.

Eco driving

The cruising range and power battery capacity of the vehicle are affected by driving habits, storage conditions, charging mode and power battery temperature, etc.. Good use and driving methods can improve the battery range of the vehicle.

1. Smooth start and acceleration: There is high power consumption during start and acceleration. When driving the vehicle, try to avoid deep stepping on the accelerator pedal to start and accelerate. Smooth starting and acceleration help save power.
2. Do not brake, control the following distance from the vehicle in front, try to avoid frequent braking; slow down when the light is red, let the vehicle slide, and avoid sudden braking.
3. Keep the vehicle's wind resistance low: Opening the windows at high speeds significantly increases the vehicle's wind resistance, resulting in higher power consumption. Keep the windows closed when the vehicle speed is higher than 80km/h.
4. Maintain an appropriate tire pressure: Regularly check the tire pressure, if the tire pressure is too low, the rolling resistance of the tire will increase and the power consumption will increase.
5. Turn on air conditioning as little as possible: Whether cooling or heating when using air conditioning will accelerate the power battery consumption; please use air conditioning when necessary. Windows can be opened for ventilation at a low speed. When using the A/C system, it is more energy-efficient to use the inside air mode.
6. Reduce the weight of the vehicle: Each additional 1kg of weight will increase the power consumption; regularly clean up unnecessary baggage items on the vehicle.
7. Plan the route: Optimize the route and try to avoid congested sections. This not only saves time but also helps reduce the power consumption.

8. Do not arbitrarily change the size of the tires: using larger or wider tires can lead to higher power consumption.
9. Driving mode selection: ECO mode when the vehicle is driving can reduce the power consumption of the vehicle and increase the driving range. On the contrary, the selection of the sport mode will increase the power consumption and shorten the battery range.



Warning

When driving a vehicle, please ensure safe driving and abide by traffic laws. Do not hinder others and the public transport order.

Drive carefully

Careful driving means "always be prepared for the unexpected", and careful driving starts with wearing a seat belt.



Caution

- Before driving the vehicle, please confirm that the charging port cover is completely closed and the charging cable is unplugged.
- Special attention should be paid to the safety of pedestrians. As electric vehicle has lower noise, pedestrians may not know when the vehicle is approaching. Anticipate risks in advance and be prepared.
- Before driving the vehicle, please check the battery range on the instrument cluster, and check whether the remaining power of the power battery can meet the driving demand. If the battery is low, please charge it in time.
- In the process of driving, pedestrians, bad weather or road conditions will cause danger, and the driver should be able to take necessary, reasonable and effective measures in time to prevent accidents.



Warning

Drivers should keep the vehicle distance and focus on driving; distraction may cause a collision, resulting in injury or death.

Wading

To prevent from damaging the vehicle during wading (for example the road is flooded), pay attention to the following:

- Determine the water depth before wading. The highest water level can only reach the edges of the side beams.
- Drive at a low speed, otherwise waves may form in front of the vehicle, damaging components such as the control unit, etc., and causing the vehicle to fail to drive.
- Do not stop or reverse the vehicle in water under any circumstances.

5. Driving



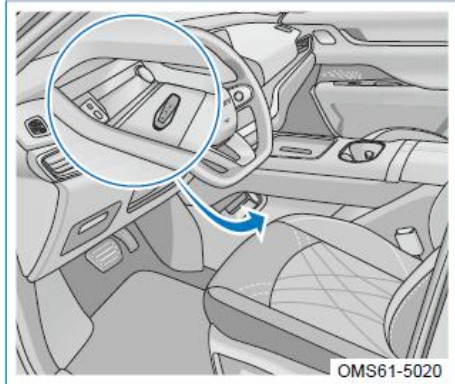
Caution

- The waves caused by the oncoming vehicles may exceed the allowable water level of your vehicle.
- After wading, it is recommended to drive the vehicle to the authorized service station of Chery NEV for a comprehensive inspection, troubleshooting hidden dangers and ensuring driving safety.
- There may be hidden potholes, mud puddles or rocks in water, and they can make wading difficult or impede wading. Do not wade in salt water, which can cause rust. Immediately use fresh water to flush all vehicle parts that have been in contact with salt water.



Warning

- When wading or driving on muddy roads, the braking effect may be affected and the braking distance can be extended, which may cause accidents.
- After wading, immediately sudden emergency braking operations shall be avoided.
- After wading, the brake must be cleaned and dried by intermittent braking.



OMS61-5020

When the key fob power is insufficient or the signal is seriously interfered with, and the one-button start function does not work normally, you can start it according to the following steps:

1. Put the key fob flat under the armrest box, with the key fob facing up, and do not step on the brake pedal at this time;
2. Step on the brake pedal to shift gears.

Column shift

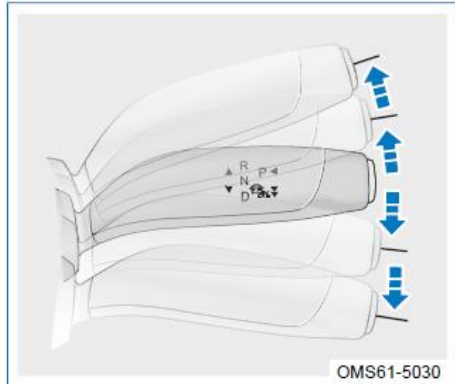
Stopping and parking

- The vehicle should be parked on a flat, firm and safe road that does not affect the passage of other vehicles.
- When stopping, first step on the brake pedal until the vehicle comes to a slow stop and remains stationary, and then shift the vehicle gear to P.



Warning

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



OMS61-5030

Emergency start (if equipped)

When the key fob power is insufficient or the signal is seriously interfered with, and the vehicle cannot start normally, you can start it according to the following steps:

Step on the brake pedal, move the column shift up or down to switch the gear, and after shifting is successful, the instrument cluster displays the corresponding gear information.



Caution

If you try to switch to a gear that is disabled at the current speed, you will hear a beep while the gear remains unchanged.

- Gear R (reverse gear)

When the vehicle is stationary, step on the brake pedal, push the column shift up to the end and release it. When the instrument cluster displays gear R, it means that the vehicle is switched to gear R.

- Gear N (neutral gear)

When the vehicle is stationary, step on the brake pedal and shift the gear to N by doing the following:

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

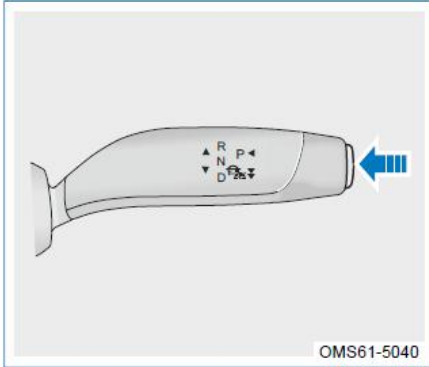
When the vehicle is stationary, step on the brake pedal, shift the column shift down to the end and release it. When the instrument cluster displays gear D, it means that the vehicle is switched to gear D.




Reading

In gear P, shift the column shift down once or shift it to the end and release it. When the instrument cluster displays gear D, it means that the vehicle is switched to gear D.

■ Gear P (parking gear)




When the vehicle is stationary, step on the brake pedal; when the gear is in a gear other than P, press the button on the right side of the column shift to switch directly to PR and exit the corresponding gear R/N/D. At the same time,

the EPB will automatically be applied, and the  indicator light of the instrument cluster will be steady on.



Reading

When the vehicle shifts from gear P to D/R, the EPB is automatically released, and the "



Caution

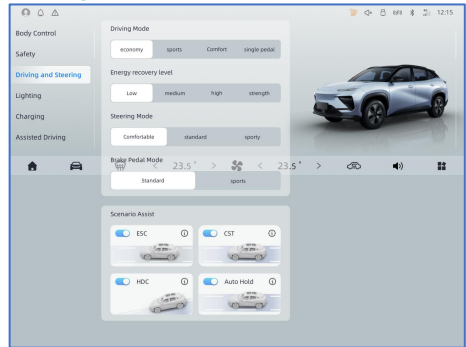
- If the gear cannot be shifted normally, contact the authorized service station of Chery NEV in time for maintenance.
- Before leaving the vehicle or when the vehicle is parked on a ramp, please ensure that the gear is shifted to gear P to prevent the vehicle from moving without cause.
- When shifting, shift to each gear to prevent misoperation. After operation, check the gear position with the gear indicator light of the instrument cluster.



Warning

When shifting, make sure the brake pedal is stepped on hardly and the vehicle is completely stopped. Accidents and serious injuries may occur if the vehicle is moving while operating the column shift.

Driving mode



According to different road conditions, you can use the drive mode switch button to select the economic/sport/comfort/single pedal mode.

- **economy mode:** The economy mode controls the speed of the drive motor with a reasonable gear to reduce unnecessary power consumption.
- **Sports mode:** It enhances the vehicle's handling, controllability and power, further enhancing the vehicle's sport characteristics
- **Comfort mode:** It improves the economy of the vehicle and is suitable for flat hard roads such as urban roads and paved roads.
- **Single pedal mode:** You can just control the accelerator pedal: stepping-on is to accelerate, and releasing is to slow vehicle down and recover kinetic energy.



Warning

In the single-pedal mode, releasing the accelerator pedal will slow the vehicle down, but you still need to step on the brake pedal for emergency braking or stopping.

Brake system

Electrical parking brake (EPB)

The EPB system integrates the temporary braking in the process of running and the long-term parking braking after parking, and realizes the parking brake by electronic control mode, replacing the traditional handbrake brake.

Autohold

When switching from another gear to P, the EPB system automatically activates to apply the parking brake.

5. Driving

Automatic release

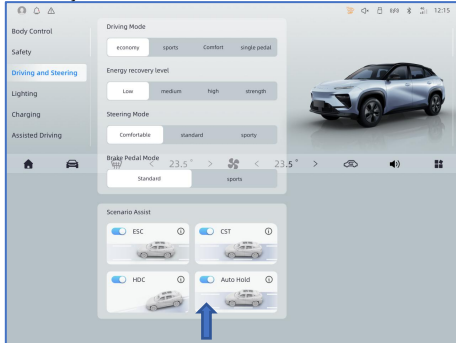
When the vehicle is powered up and the gear is shifted to D/R, the EPB system is automatically released.



To avoid accidental movement of the vehicle, in automatic parking mode, it is necessary to confirm the vehicle's gear position when depressing the accelerator pedal to start.

Autohold

The automatic parking function is used to help the driver prevent the car from slipping away when the vehicle is stationary and started.



Automatic parking function activation conditions: the vehicle is in the "READY" state, the door at the driver seat side is closed and the driver seat belt is fastened.

Turn on the automatic parking function: power up the vehicle, slide down the sound interface to enable the automatic parking; when the automatic parking conditions are met, the automatic parking function can be enabled, and the system enters the automatic parking mode.

Enable the automatic parking function:

- When the automatic parking function is enabled and the conditions for automatic parking are met, step on the brake pedal, and the vehicle changes from the moving state to the stationary state, the automatic parking function is activated, and the green indicator light "AUTO HOLD" is on.
- When the brake pedal is stepped on in the stationary state of the vehicle, the automatic parking condition is met and the automatic parking function is enabled, the automatic parking function is activated, and the green indicator light "AUTO HOLD" is on.

Disable the automatic parking function:

- When the automatic parking function is enabled, press the automatic parking switch of the sound interface to disable the automatic parking function and exit the automatic parking mode.
- When the automatic parking is activated, press the automatic parking switch on the sound interface to disable the automatic parking function, and the green indicator light "AUTO HOLD" of the instrument cluster will be off.

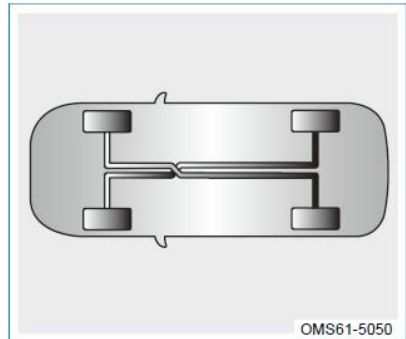
The system exits the automatic parking mode and switches to EPB system for parking.



Caution

- Be sure to park properly in accordance with safety regulations to avoid injuring yourself and pedestrians.
- When the accelerator pedal is stepped on very slowly, the lag in automatic parking release is normal.
- After starting the vehicle, turn on the automatic parking switch. If the door at the driver seat side is not closed or the driver seat belt is not applied, the automatic parking system cannot be started.
- After the automatic parking is started, the vehicle is stopped completely from the motion state through the service brake, and the automatic parking system will automatically park the vehicle, but the vehicle gear is still in D or R. When stopping for a short time, switch gear to N; when stopping for a long time, shift the gear to P.
- When the automatic parking function is enabled and the door at the driver seat side is opened or the driver seat belt is unfastened, the automatic parking function will be disabled. After closing the door at the driver seat side again or fastening the driver seat belt, the automatic parking function is enabled again.
- When the automatic parking function is activated, unfasten the driver seat belt or open the door on the driver seat side, and the automatic parking will be shifted to electrical parking.
- Be sure to disable the automatic parking function before entering the washing workshop.

Service braking



The braking system is of the X-type dual-circuit braking system. The system is a hydraulic system with two separate subsystems. When one of the subsystems is not working, the other subsystem can still implement the braking function.



Do not drive the vehicle with only one brake system working, and immediately contact the authorized service station of Chery NEV for maintenance.

Alarm of low brake fluid

When the brake system fails, the "!" indicator light of the instrument cluster is on. The brake system is faulty. Please check the brake fluid level. Add brake fluid when it is below the MIN mark. If you cannot find out the reason, please contact an authorized service station of Chery NEV for maintenance as soon as possible.



Add brake fluid to make the level reach the MAX mark and send it to an authorized service station of Chery NEV to check the brake system.

Brake system operating description

- It is normal for the braking system to occasionally make noise. However, if it emits a metal and metal grinding or screaming sound for a long time, it may be that the brake disc is seriously worn and needs to be replaced. At this time, you should drive it to an authorized service station of Chery NEV for maintenance. If there is continuous jitter or vibration transmitted to the steering wheel during braking, you should immediately drive it to an authorized service station of Chery NEV for overhaul.
- The new brake friction plate must be run in to achieve its best braking effect. In the first 200km, the braking effect is slightly reduced. In this case, the braking effect can be compensated as long as the pedal force is properly increased. This point also applies to the new brake friction plate after replacement.
- The wear condition of the brake friction plate largely depends on the working condition and driving mode. For vehicles mainly used in urban traffic, the working conditions of the brake friction plate are harsh due to frequent starting and stopping, so please be sure to check the thickness of the brake friction plate or replace the friction plate at an authorized service station of Chery NEV according to the maintenance mileage specified in the maintenance regulations.
- When driving downhill, even if you need to brake, you should not keep on stepping on the brake pedal.
- A wet brake disc reduces braking efficiency. After wading, rainstorm or car washing, the brake pedal should be gently stepped on to make the brake disc and friction plate friction heat for water evaporation, so as to restore the braking effect.
- Brake moisture may cause abnormal deceleration or deviation of the vehicle during braking, and the brake pedal can be gently stepped on to test the impact on the brake. After the vehicle passes through deep water, maintain a safe speed and gently step on the brake pedal until the braking function returns to normal.



If the vehicle is equipped with a front spoiler, it should ensure that the air flow to the front brake is unimpeded, otherwise the brake system may overheat due to poor heat dissipation, reducing the braking effect.

Brake force control system

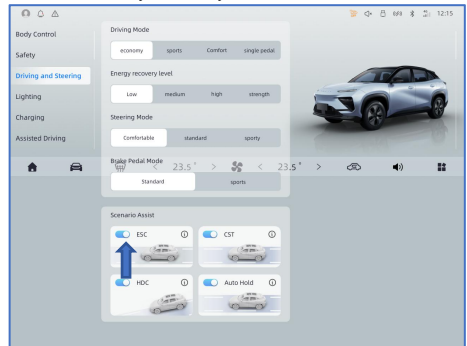
Braking energy recovery function

When the driver steps on the brake pedal to brake the vehicle during driving and the anti-lock function is not activated, the system will recover energy according to the current torque limit of the recovery energy and vehicle speed.

Electronic stability control system

Electronic stability control system is an active safety control system. It monitors the driving state of the vehicle by the system sensor; when the vehicle is prone to unstable conditions such as emergency avoidance of obstacles, turning, over-steering or under-steering, the power system intervention and braking system intervention are used to help the vehicle to overcome the tendency to deviate from the ideal trajectory and provide better safety for the vehicle. If braking one wheel alone is not enough to stabilize the vehicle, the electronic stability control system will meet the demand by braking the other wheels by reducing the torque output of the drive motor.

Electronic stability control system switch



When the electronic stability control system switch is pressed, the electronic stability control system is turned off; When pressed again, the electronic stability control system is turned on.

Electronic stability control system Indicator light

- When the electronic stability control system is turned off, the yellow indicator light "OFF" of the instrument cluster is steady on.
- When the electronic stability control system is working, the yellow indicator light " " of the instrument cluster flashes.

5. Driving

- When the electronic stability control system fails, the



yellow indicator light " " of the instrument cluster is steady on.

In the following conditions, the electronic stability control system needs to be turned off

When the vehicle needs to travel through deep snow or loose road surface; when the vehicle is driving with the anti-skid chain; when the vehicle is running on the power test bench.



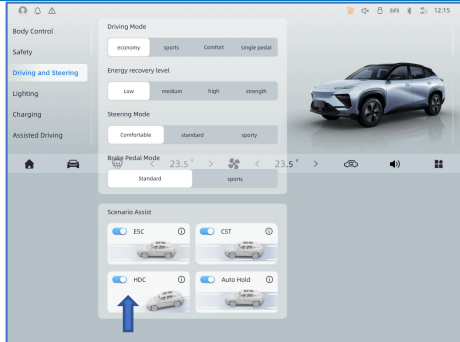
Reading

- The electronic stability control system cannot be turned off while it is working.
- To improve the traction of the vehicle on sandy or gravel roads, it is recommended to turn off the electronic stability control system.
- When the electronic stability control system fails, please contact an authorized service station of Chery NEV for maintenance immediately.



Warning

- During the operation of the electronic stability control system, if the vehicle is running too fast, sharp turns are made, and the road conditions are poor, accidents can occur.
- The electronic stability control system cannot fully ensure that the vehicle is under control by the owner under the extreme circumstances, even if the vehicle is equipped with the electronic stability control system, it is necessary to comply with the regulations and drive carefully to avoid accidents.



To turn on the HDC system:

When the vehicle is powered up, press the switch of the HDC system and the speed is less than or equal to 60km/h, the HDC system will be turned on, and the green indicator

light " " on the instrument cluster will be on.

- When the HDC system is activated, the green indicator light " " of the instrument cluster flashes.
- When the driving speed is ≥ 60 km/h, the HDC system is closed.

Hill descent control (HDC) system

This system can control the vehicle to drive smoothly down steep slopes. The driver can actively increase or reduce pressure based on whether the vehicle runs at the set speed without stepping on the brake to achieve a uniform downhill speed.

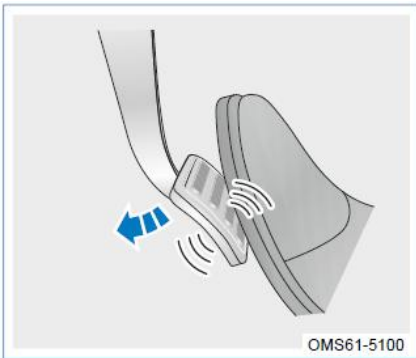
After the HDC system is turned on, when the vehicle is driving on the steep slope road surface, it can carry out speed control within the range of 8-35km/h; When the initial speed is lower than the minimum speed, the vehicle will be controlled by default according to the minimum speed. The current control speed can be increased or decreased by pressing the accelerator pedal or the brake pedal in a given speed range.



- The speed range to turn on the HDC system is under 60km/h.
- When the HDC system is working, and the tire is locked, the anti-lock braking system will automatically start.
- The HDC system should be set up before entering a steep road so that the driver can pay full attention to the steering wheel.
- When the HDC system is working, and any wheel loses contact with the ground, the braking force will be distributed to the wheel with higher adhesion coefficient.
- The HDC system actively apply braking force through the electronic stability control system, and the system will send hydraulic working sound, which is a normal. When the electronic stability control system fails, the function of the HDC system cannot be enabled, please go to an authorized service station of Chery NEV for maintenance as soon as possible.
- When the HDC system works, the driver needs to be ready to take over control of the vehicle at any time for safety, because the system can be turned off by the button during work, there may also be system overheating or electronic stability control system failure. In this case, the system will automatically exit the control, and the driver needs to take over the HDC system to control the speed in time.

Anti-lock braking system (ABS)

The anti-lock braking system is an active safety system that avoids wheel lock and allows the car to maintain steering performance even during emergency braking, enabling you to avoid obstacles. However, when the physical limit is exceeded or when driving at high speed on a wet road, the function cannot completely prevent the car from slipping.



- The anti-lock braking system does not work during normal braking and only works when the wheel is about to lock during emergency braking to avoid wheel lock.
- During braking, if the brake pedal jitters with working sound, it means that the system is working, which is normal. Do not release the brake pedal at this time.

Indicator light of anti-lock braking system
When the anti-lock braking system fails, the yellow indicator light "ABS" of the instrument cluster is on.



Caution



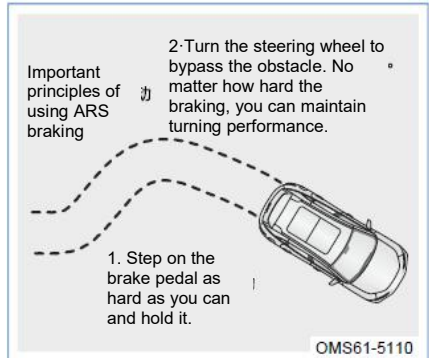
When the anti-lock braking system fails, the driver can perform conventional braking, but the speed should be reduced to avoid emergency braking and prevent wheel lock. Please drive carefully and go to an authorized service station of Chery NEV for maintenance as soon as possible to prevent accidents.



Warning

When the failure indicator lights of the anti-lock braking system and the braking system are steady on at the same time, please immediately park the vehicle in a safe area and turn on the danger warning light, and immediately contact an authorized service station of Chery NEV for maintenance.

Anti-lock braking system



In case of emergency braking, the anti-lock braking system is immediately activated, ensuring braking and steering performance of the vehicle, and if there are enough space, you can avoid obstacles.

5. Driving



Warning

- Always drive carefully and make sure you slow down when turning.
- The ABS ensures optimum braking, but the braking distances vary greatly depending on road conditions.
- The ABS doesn't eliminate the dangers caused by close proximity to the vehicle in front of you, wading in water, turning too fast, or poor road surfaces, nor does it prevent accidents caused by careless and improper driving.
- The anti-lock braking system is not guaranteed to shorten the braking distance in all situations. For example, in case of tire chains used, sand or snow, the braking distance of a vehicle equipped with anti-lock braking system may be longer than that of a vehicle without anti-lock braking system.

Handling precautions

The anti-lock braking system will produce a working sound under the following conditions

- The sound caused by the rebound of the brake pedal.
- The sound of the suspension striking the body due to emergency braking.
- Sound of motor, solenoid valve and return pump operation inside hydraulic unit.
- The working sound generated by the corresponding solenoid valve action when the electronic brake force distribution system intervenes in braking.
- A brief "buzz" sound generated by the system's self-test after the vehicle is powered up or started

Always maintain a safe distance from the vehicle in front of you in case of the following:

- When driving on bumpy roads.
- When driving on potholes or uneven roads.
- When driving with tire chains installed.
- When driving on muddy, gravel or snow roads.



Caution

The size, specification and wear degree of the tire will seriously affect the normal performance of the anti-lock braking system, and the replaced tire should have the same size, load range and structure as those of the original tire. If there is the tire is faulty, it is recommended to replace it with the original tire at an authorized service station of Chery NEV.



Warning

- The ABS helps to control the vehicle, but it is important to drive carefully, maintain a proper speed, and keep a safe distance from the vehicle in front of you; even when the ABS is working, there are limits to the stability of the vehicle and the effectiveness of the steering wheel operation.
- When driving in the rain, please control your speed reasonably. In case of wheel spinning or slipping, the ABS will not be able to control the vehicle.

Expanded functions

Electronic brake force distribution (EBD)

The braking force distribution function can automatically adjust the braking force distribution ratio of front and rear axles according to the difference of axle load transfer during braking, improving braking efficiency and braking stability with anti-lock braking system. Moreover, when braking in a curve, it can improve the stability of vehicle braking by adjusting the braking force of the inner and outer wheels.

Traction control system (TCS)

Traction control function is an extension function of the electronic stability control system. When the vehicle starts or accelerates rapidly, the driving wheel may slip, and the direction will be out of control and dangerous on smooth roads such as those with snow and ice. The traction control function relies on sensors to detect when the driven wheel speed is lower than the driving wheel speed (which is a characteristic of slipping), and sends a signal to lower the gear or brake the wheel, so that the wheel is no longer slipping.

Hill hold control (HHC)

The HHC function prevents the vehicle from slipping when starting the vehicle on the ramp. When the car is stationary, the HHC function will determine whether the vehicle is on the ramp through the longitudinal acceleration sensor, and when the vehicle is started from the stationary state on the ramp (forward uphill or reverse uphill), the HHC function will automatically enter the working state. When the driver releases the service brake pedal during starting, the system will maintain the previous brake pressure for 1~2s to ensure that the vehicle still stops, and gradually reduce the brake pressure with the increase of the driving torque, so as to avoid the accident caused by the vehicle slipping back during starting on the ramp.

Hydraulic brake assist (HBA)

In case of an emergency, the driver may not have enough force to step on the brake pedal, and the HBA system can identify emergency braking needs, provide maximum braking assistance to the driver, and reduce braking distance.

Emergency hazard flasher (HAZ)

When the HAZ system identifies an emergency braking case, HAZ signals are given, and the hazard warning flasher lights up to alert the following vehicles.

Comfort Stop function (CST)

Before the vehicle brakes, the CST function reduces the brake pressure appropriately on the premise of meeting the driver's braking intention, to smoothly stop the vehicle, reduce pitch jitter during braking, and improve braking comfort.

Precautions for driving

Precautions for driving

Power utilization suggestion

To ensure your safety and prevent unnecessary damage to the vehicle due to improper charging, it is necessary to confirm that the selected power supply is an ordinary household 220V AC power supply, and the maximum current borne by the socket and cable is $\geq 16A$, so as to avoid damage to the power line due to excessive current.

Driving methods that save electrical energy

■ Avoid starting too aggressively

When the vehicle starts, try to avoid stepping on the accelerator pedal aggressively, resulting in unnecessary waste of electrical energy.

■ Avoid rapid overtaking

When driving, try to avoid frequent overtaking, drive at a uniform speed to avoid unnecessary wasting of electric energy.

■ Control running speed

When the vehicle is driving at high speed, the resistance of the whole vehicle increases significantly, and the electricity is rapidly reduced.

■ Try to avoid emergency braking

Under safe conditions, when you want to brake, predict in advance, avoid emergency braking as much as possible, and let the vehicle slide or lightly brake. Speed can be reduced through the energy recovery of the motor, while the recovered energy is stored in the battery, improving the range.

■ Rational use of A/C

Turn the A/C to the middle or low gear as far as possible. Pure electric vehicles rely on electric energy or heating or cooling, long-time operation of the air conditioner will affect energy consumption, shortening the mileage.

■ Check tire pressure promptly

When the tire pressure is low, it will increase the driving resistance of the vehicle, and maintaining the right tire pressure can reduce energy consumption.

■ Clear the rear trunk promptly

Timely cleaning of luggage or goods in the rear trunk can reduce weight for driving and reduce energy consumption.

Driving in dangerous conditions

When driving on dangerous surfaces with water, snow, ice, mud or sand, follow the following advices:

- Drive cautiously, as braking distances on dangerous roads increase.
- Try to avoid braking or steering.
- When braking, step on the brake pedal gently and repeatedly until the vehicle stops.
- If the vehicle gets stuck in snow, mud or sand, accelerate slowly to avoid front wheels slipping.
- If the vehicle is stuck in snow, ice or mud, put a layer of stone or salt under the front wheels, or use a tire chain or other non-slip material to increase adhesion.

Driving at night

Plagued by night vision problems and fatigue, driving at night is more dangerous than driving during the day.

- Drink driving is strictly prohibited.
- Fatigue driving is strictly prohibited.
- Keep the inner and outer surfaces of the glass clean, as dirt glass will increase the glare at night.
- Adjust the rearview mirror inside the car to reduce the glare of the headlights of the rear vehicle.
- Headlights can temporarily blind you, and it can take a second or even several seconds for your eyes to readjust to the dark. When encountering dazzling light, and the driver from another vehicle does not change the headlight to a low beam, slow down and avoid looking directly at the headlight.
- Headlights can only illuminate the limited road ahead, please slow down.
- Maintain a large distance with other vehicles.
- When the vehicle turns or drives on curves, carefully observe the surrounding objects.
- Beware of animals when driving in remote areas.

Radiator fan

The radiator fan is an electric fan whose operating condition is controlled by the VCU and A/C. When the coolant or electric drive system reaches a certain temperature, the switch automatically starts the fan.



Reading

If the coolant temperature has reached the temperature for starting the fan, but the fan does not run, check whether the fan fuse is blown, and replace the fuse if necessary.

6. ADAS

Adaptive cruise control system

Cruise control system (if equipped)

No need to step on the accelerator pedal to maintain the speed set by the driver.



Warning

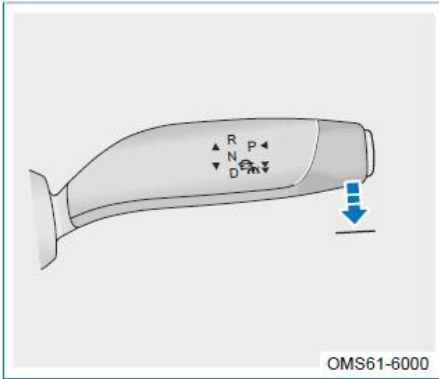
Cruise control can be dangerous in situations where it is not possible to drive safely at a constant speed. Therefore, cruise control cannot be used on winding roads or in heavy traffic. Cruise control is also dangerous when driving on slippery roads. On such surfaces, abrupt changes in tire traction can lead to unnecessary idling of the wheels, and the vehicle may lose control. Therefore, cruise control cannot be used when driving on slippery roads.



Caution

When the power battery is less than 20%, the cruise function is prohibited.

Access the cruise control system



Power up the vehicle, flip down the gear once to activate the cruise control system; flip up the gear once to turn off cruise control.

Speed setting

- During cruise, roll the left roller of the steering wheel up quickly, and the set speed will increase in step of 5km/h; roll it slowly, and the set speed will increase in step of 1km/h.
- During cruise, roll the left roller of the steering wheel down quickly, and the set speed will decrease in step of 5km/h; roll it slowly, and the set speed will decrease in step of 1km/h.

Exit the cruise control system

Under the following conditions, the cruise control can automatically exit, and the driver should operate and control the vehicle instead.

- The brake pedal is stepped down.

- Shift to non-D gear.
- The accelerator pedal is stepped down for a prolonged time.
- Apply the parking brake.

Functional limitations

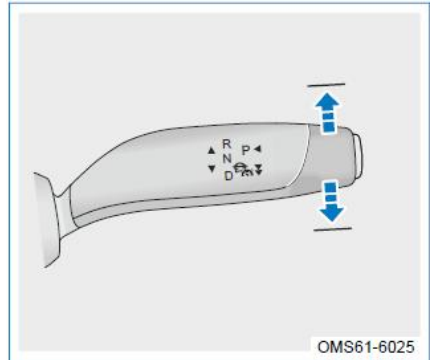
Do not use the cruise control system under the following circumstances, otherwise it may cause accidents and personal injury or death:

- In emergency traction.
- When the traffic is heavy.
- On the winding road.
- On a sharp turn road.
- On slippery roads (e.g. surface with rain or snow).
- The speed may exceed the set speed when going up and down steep hills.

Adaptive Cruise Control (ACC) (if equipped)

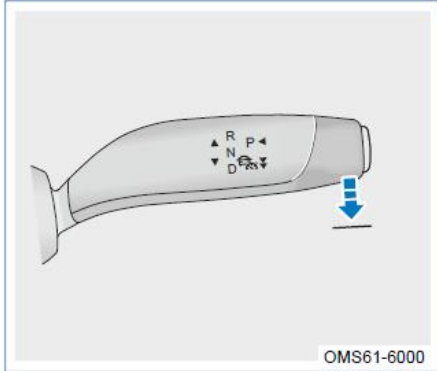
The adaptive cruise control system allows the vehicle to maintain the speed set by the driver, and can also let the vehicle to maintain a set safe distance when driving.

ACC system on/off



Power up the vehicle, flip down the gear once to activate the active cruise control system; flip up the gear once to turn off the active cruise control system.

ACC system operation



When the vehicle speed is $\geq 15\text{km/h}$, the indicator light



“最高” on the instrument cluster will be on, and the ACC system will enter the pre-activation state; when the user flip down the column gear once to activate the adaptive cruise



system, and the indicator light “最高” on the instrument cluster will be on.

Speed setting

- During cruise, roll the left roller of the steering wheel up quickly, and the set speed will increase in step of 5km/h ; roll it slowly, and the set speed will increase in step of 1km/h .
- During cruise, roll the left roller of the steering wheel down quickly, and the set speed will decrease in step of 5km/h ; roll it slowly, and the set speed will decrease in step of 1km/h .



Reading

- The ACC system can set the vehicle speed to a minimum of 15km/h and a maximum of 150km/h .
- When driving uphill, the speed will be slightly below the set speed, and when driving downhill, the speed will be slightly above the set speed.

Vehicle following distance

During cruising, the left roller of the steering wheel can be rolled left/right to adjust the following distance. Roll to the left, and the following distance is reduced; roll to the right, and the following distance is increased.



Caution

Considering conditions such as traffic and weather, the optional following distances may not be suitable for all drivers and driving conditions.

Exist the ACC system

Under the following conditions, the ACC System can automatically exit, and the driver should operate and control the vehicle instead:

- The brake pedal is stepped down.

- The gear stalk is engaged to non-D gears.
- The driver unbuckles the seat belt.
- The accelerator pedal is stepped down for a prolonged time.
- A door is opened.
- Apply the parking brake.
- The radar is blocked, or the safe exit mechanism of the sensor is triggered by the ambient light conditions, or the system is faulty.
- Anti-lock braking system, drive anti-slipping system and HDC function activated.

Be sure to read the following when using an ACC system:

- The ACC system cannot violate the laws of physics with certain limitations, and the driver must always maintain control of the vehicle and take full responsibility for the vehicle.
- If the vehicle is too close to a vehicle in an adjacent lane, the ACC system may select that vehicle as the target ahead to respond.
- The ACC system cannot respond to stationary objects and vehicles, crosswise vehicles, oncoming vehicles, pedestrians, bicycles and animals.
- During the short stop of the vehicle, the driver must ensure that there are no obstacles or other traffic participants, such as pedestrians, bicycles, and animals, directly in front of the vehicle.
- When the ACC system fails, the yellow indicator light



“ACC” on the instrument cluster will be on, and the ACC system will be invalid. Please contact an authorized service station of Chery NEV for maintenance immediately.

- During the control of the vehicle by the ACC system, do not inadvertently step on the accelerator pedal, otherwise, the ACC system will not apply braking to the vehicle, and the driver should be ready to actively brake to ensure the safety of the vehicle.
- The ACC system can only achieve limited braking. If there is a sudden emergency braking of the car in front, a vehicle quickly cuts in front of the car, or the car quickly cuts in behind a car at a slower speed than that of itself, the ACC system may fail to respond or react too slowly to the vehicle in front, in which case the driver should take over control of the vehicle in a timely manner.
- The driver must adjust the appropriate distance with the front car according to the traffic flow and weather conditions, and has the responsibility to ensure that the vehicle can stop safely at all times. In bad weather such as rain, snow and fog, the ACC system may not be able to recognize the vehicle in front, in which case, the ACC system needs to be turned off.

6. ADAS

- The ACC system is suitable for use on highways and roads with good road conditions, and is not recommended for use on narrow roads, mountain roads, ramps, tunnels, etc. If the ACC system is used in a curve, due to the limited detection range of the sensor, it may lead to the loss of the target in front or the delay of the target selection. In these cases, the ACC system will control the vehicle to accelerate to the set speed.
- When following the vehicle in front to a stop, the ACC system may not recognize the end of that vehicle but the lower or upper part of that vehicle (for example, the rear axle of a truck with a higher chassis, the upper part of a low flatbed trailer). In these cases, the system will not guarantee the proper stopping distance and may even result in a collision. Therefore, the driver must remain alert during this process and take over control of the vehicle at all times.
- Two sensors, radar and camera, are installed in the front area of the vehicle and behind the windshield. It should be noted that the field of view of the sensor cannot be blocked by pollutants, and there should not be any modification or installation of decorative frames of the license plate in the front or around the sensor; especially when the snow completely covers the sensor, it will lead to the exit of the ACC system. The sensor may also be affected by vibration or collision, making the system performance decline or no function, in this case, please go to an authorized service station of Chery NEV as soon as possible to re-calibrate the sensor.
- All the above precautions do not cover all the circumstances that may affect the normal operation of the system function, and the system function may not bring the expected effect due to other reasons. The driver has the responsibility to ensure the control of the vehicle at all times.

■ Special driving environment

1. When the vehicle turns at a junction or follows a vehicle to drive into or out of a curve, the ACC System may not detect the vehicle ahead in the same lane, or may react to a vehicle in another lane. The driver should take extra care to choose the appropriate speed and be ready to take action or apply the brake at all times.
2. If the vehicle ahead is changing to another lane and is not fully in the lane yet, the ACC System may not detect the vehicle, and the driver needs to pay extra attention, choose the appropriate speed, and be ready to take action or apply the brake at all times. If the vehicle ahead is changing to another lane and is not fully out of the lane yet, the ACC System may judge the vehicle ahead has been driven away and increase the driving speed, and the driver needs to pay extra attention, choose the appropriate speed, and be ready to take action or apply the brake at all times.

3. When driving on steep slopes, the ACC System cannot detect vehicles in the same lane. Do not use the ACC System.
4. If your vehicle and the vehicle ahead are driven with a small width overlapped, the ACC System may not detect the vehicle, and the driver needs to pay extra attention, choose the appropriate speed, and be ready to take action or apply the brake at all times.



- Don't leave the vehicle when it remains stopped by the ACC System.
- During following cruise, it is recommended not to step on the accelerator pedal. If the accelerator pedal is stepped, the ACC System cannot automatically apply the brake of the vehicle, as the vehicle is only under the control of the accelerator pedal operated by the driver and the system does not work.
- If the ACC System has stopped the vehicle and is deactivated, turned off or canceled, the vehicle will no longer remain stopped and may move forward or glide on the slope. When the vehicle remains stopped by the ACC System, be prepared to actively apply the brake.
- ACC is a comfort system, which can assist the driver, but cannot replace the driver to drive the vehicle. When choosing to use the ACC System, the driver should always pay full attention and be ready to take action and apply the brake at all times, otherwise an accident or personal injuries may occur.
- When the ACC system works, the automatic braking ability of the vehicle is limited, the driver still needs to focus on the road and traffic conditions. When the driver feels the presence of any dangerous situation, he needs to actively step on the brake pedal to brake.

Traffic jam assist system (TJA) and integrated cruise assist system (ICA) (if equipped)

Traffic jam assist system (TJA) and integrated cruise assist system (ICA)

In a monotonous driving environment or in the case of traffic jam, the traffic jam assist system and integrated cruise assist system can reduce the workload of drivers and provide driving assistance. This function mainly relies on the multi-functional camera on the front windshield to detect lane lines for longitudinal and lateral control of the vehicle.

Lane keeping assist system (if equipped)

The lane keeping assist system includes the lane departure warning system, lane departure assist system and lane keeping system to help drivers reduce traffic accidents caused by lane departure and improve driving safety.

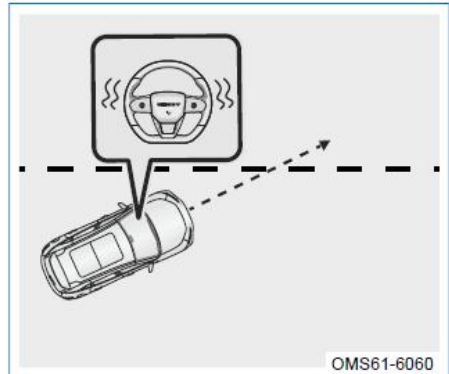
■ Lane keeping assist system on/off



The user sets the lane keeping assist system on/off in the sound system.

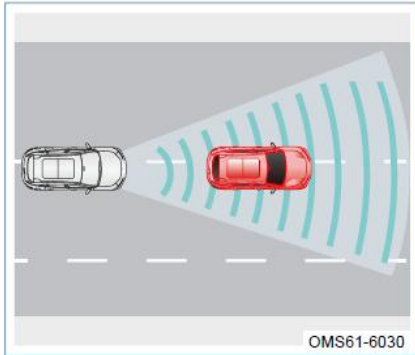
Lane Departure Warning (LDW) System

The lane departure warning system is a system that helps drivers reduce traffic accidents caused by lane departure and improve driving safety.



When the speed is >65km/h, the lane departure warning system is activated, and there is sound alarm when the lane departure is occurred. When the speed is < 65km/h, exit the lane departure warning system.

Reading When the lane departure warning system is activated and the front camera recognizes at least one clear lane line, the instrument cluster will display the lane line on the corresponding side in gray; when the vehicle is or is about to roll on an identified lane line, the instrument cluster will show the unilateral lane line on which the vehicle is or is about to roll in red.



When the speed is 0 -60km/h, the traffic jam assist system takes effect, and the vehicle will be maintained near the center of the lane. If the lane line is not detected, it will follow the vehicle ahead. If the lane line and vehicle target are not detected, the function will be removed.

When the speed is 60 -150km/h, the integrated cruise assist system takes effect, and the vehicle will be maintained near the center of the lane; if no lane line is detected, the function will be disabled regardless of whether there is a vehicle target ahead.

Exit

- Lanes are too wide or too narrow.
- Lane bending radius is too small.
- No lane lines detected.
- The driver actively turns the steering wheel.



Caution

The performance of the traffic jam assist system and integrated cruise assist system is affected by weather, lighting and lane line clarity. In case of backlight, sunset, night, snow covered roads, and road wear and unclear lane, its performance can be significantly reduced or even lost.





Warning


- The traffic jam assist system and integrated cruise assist system do not provide autonomous driving function and do not allow driving without hands putting on the steering wheel. In conditions such as turning, intersections, merging and cut-in of the vehicle in front, the driver needs to control the vehicle at all times to ensure the safety of the vehicle.
- The traffic jam assist system and integrated cruise assist system consist of a driving assistance system that cannot violate the laws of physics with certain limitations, and the driver must always maintain control of the vehicle and take full responsibility for the vehicle.

6. ADAS

■ Indicator light of the lane departure warning system

- When the function is on/restricted, the gray indicator light " " of the instrument cluster is steady on.

- When activated, the green indicator light " " of the instrument cluster is steady on.

- When failed, the yellow indicator light " " of the instrument cluster is steady on.

■ In the following cases, although the lane departure warning system is turned on, it will exit or cannot be activated:

- Vehicle speed <65km/h.
- The vehicle swings crosswise too quickly;
- The lane lines are lost.
- When the steering speed is too high.
- When the hazard warning light is on.
- The vehicle is traveling in a small radius curve.

- The lane lines are too wide or too narrow.
- The vehicle is changing to another lane.
- When the deviating side turn light is on.
- When the anti-lock braking system or electronic stability control system is activated, the alarm function is suppressed.
- Lane departure warning system malfunctions or cameras are blocked.
- When lane lines are too thin, broken, blurred or there are no lane lines at the deviation side.

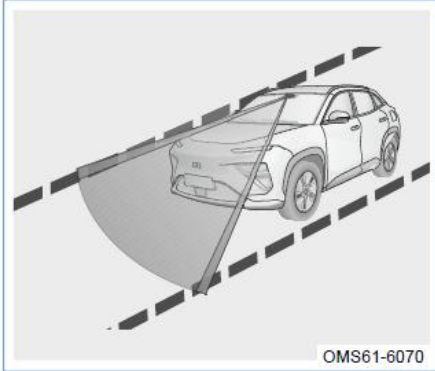


Caution

- When the corresponding side lane line is detected, the alarm function can be activated; When both sides of the lane line is lost, the alarm function is suppressed.
- If only one side of the road has lanes, when lane departure occurs, the lane departure warning system will only alarm the side with lanes.

Lane Departure Prevention (LDP) System

The lane departure intervention system monitors the relative position of the vehicle and the lane line in real time, and controls the lateral movement of the vehicle when the vehicle is about to deviate from the lane, assisting the driver to keep the vehicle in the original lane.



When the vehicle speed is ≥ 60 km/h, the lane departure intervention system is enabled. When the vehicle speed is < 60 km/h, the lane departure intervention system is disabled.

■ Indicator light of the lane departure intervention system

- When the function is on/restricted, the gray indicator light "L" of the instrument cluster is steady on.
- When activated, the green indicator light "L" of the instrument cluster is steady on.
- When failed, the yellow indicator light "L" of the instrument cluster is steady on.

■ In the following cases, although the lane departure warning system is turned on, it will exit or cannot be activated:

- Vehicle speed < 60 km/h.
- The driver turns on the hazard warning light/turn light.
- The driver steps hard on the accelerator or the brake pedal.
- The vehicle swings crosswise too quickly;
- The vehicle is changing to another lane.
- The vehicle is driven in a curve with a small radius of curvature.
- The vehicle just enters a road section with lane lines.
- The lane lines are too thin, broken, or blurred.
- The road is too narrow or wide;
- The driver can take the initiative to correct the steering intervention at any time.
- The system applies corrective steering intervention controls while the driver controls the steering wheel.

- The front camera is blocked or the camera cannot detect the front lane target due to weather and environmental factors.



Caution

- When encountering a large curve, the driver needs to actively control the vehicle.
- In the case of lane increase and lane merger, the driver needs to take the initiative to control the vehicle.
- In the complex traffic environment (such as intersections, traffic congestion sections, etc.), the driver needs to take the initiative to control the vehicle.

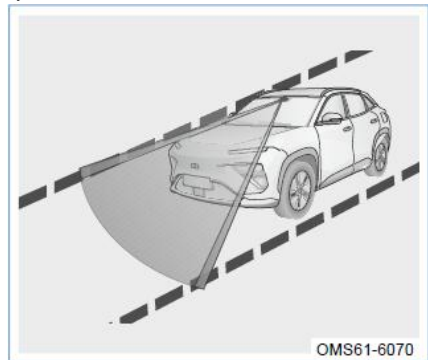


Warning

- When driving, the driver cannot take both hands off the steering wheel.
- Throughout the process, the driver is responsible for taking control of the vehicle, supervising and managing the lane keeping assist system, and intervening if necessary.
- The lane keeping assist system is only intended to assist the driver and cannot operate properly in all driving situations, weather conditions, traffic conditions or road conditions.

Lane keeping assist system (LKA)

The lane keeping assist system monitors the left and right lane lines in real time with forward-looking multi-function cameras and keeps the vehicle in the lane at all times by applying corrective steering interventions. When the vehicle deviates from the lane line, the system will trigger the lane departure warning function, alerting the driver that the vehicle has deviated from the lane. The driver can take the initiative to intervene the steering for correction at any time.





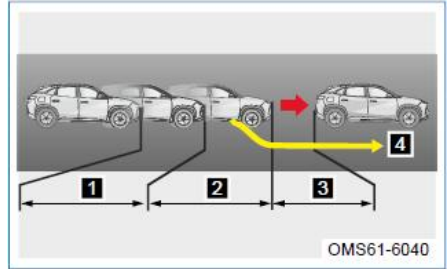
When the vehicle speed is ≥ 60 km/h, the lane keeping assist system is enabled. When the vehicle speed is < 60 km/h, the lane keeping assist system is disabled.

■ Indicator light of the lane keeping assist system

- When the function is on/restricted, the gray indicator light "old" of the instrument cluster is steady on.

6. ADAS

- When activated, the green indicator light “” of the instrument cluster is steady on.
- When failed, the yellow indicator light “” of the instrument cluster is steady on.
- In the following cases, although the lane keeping assist system is turned on, it will exit or cannot be activated:
 - Vehicle speed > 130km/h.
 - Lane change; lane is too narrow, too wide and lane line is lost.
 - Excessive braking force.
 - Excessive steering speed.
 - Hazard warning light is on.
 - Dual-lane solid lines are checked and turn light is on.
 - The electric power steering system is not ready (e.g., faulty).
 - The anti-lock braking system or electronic stability control system are activated.
 - The traffic jam assist system is activated.
 - The Lane Keeping Assist System applies corrective steering intervention when the driver manipulates the steering wheel.
- Do not use the LKAS in the following situations, as it may lead to accidents and personal injury:
 - When driving through poor road conditions.
 - When driving through construction zones.
 - When navigating roads with numerous bends.
 - In the evening or when the surrounding light is dim.
 - When driving the vehicle in a highly sportive manner.
 - During adverse weather conditions (for example: rain, snow, heavy fog).



- 1 The warning commences before the collision occurs.
- 2 Partial braking initiates before the collision occurs.
- 3 Full braking initiates before the collision occurs.
- 4 If the driver reacts appropriately (for example, by steering to avoid the collision), the subsequent emergency braking is canceled.

■ Alarm Display

- When the system is enabled, the vehicle runs at a speed $\geq 30\text{km/h}$ and is near a vehicle or pedestrian in the front and there is a collision risk, the Level-1 warning will be triggered. The system alerts the driver of a potential collision risk through a pop-up warning picture on the interface of the instrument cluster.
- After triggering the first-level alarm, the instrument cluster will display a red target accompanied by an auditory signal. If the driver does not brake and continues to advance, and if the front vehicle or pedestrian maintains or reduces their speed, it will trigger the second-level alarm. The system prompts the driver to brake through a pop-up alarm image on the instrument cluster interface and requests the driver to take over.
- When the system detects a fault, the yellow indicator



light on the instrument cluster illuminates.

Reading


- The settings for the FCW and safety distance alarm are located within the audio system. Each time the vehicle is powered up, the FCW is turned on by default.
- Certain specifications are effective only for vehicle targets and not for pedestrians and cyclists.

Autonomous Emergency Braking System (AEB) and Forward Collision Warning System (FCW)

Autonomous Emergency Braking System (AEB) and Forward Collision Warning System (FCW) (if equipped)

The AEB and FCW work together to issue an alarm to alert the driver when the vehicle is about to collide with a front vehicle or pedestrian. If the driver fails to respond quickly enough, the vehicle will automatically initiate braking to mitigate the losses from the collision.

**Caution**

- The FCW does not issue alerts when the vehicle speed is <30 km/h.
- The driver must ensure that the safety belt is fastened and the car doors are closed; otherwise, the AEB will not function.
- When the yellow indicator light  on the instrument cluster illuminates, please promptly go to the authorized service station of Chery NEV for inspection and repair.
- When the vehicle is brought to a stop by automatic braking, it will not remain stationary indefinitely; the driver needs to take control of the vehicle.
- During the activation process of the AEB, if the driver swiftly turns the steering wheel or presses deeply on the accelerator pedal, the AEB will exit.
- The ESC, FCW, and AEB must be turned on; otherwise, the FCW and AEB will not operate.


**Warning**

- The AEB's detection capabilities cover passenger cars, buses, and trucks, but there are limitations in detecting modified vehicles like cement trucks, and specialty vehicles with higher or lower chassis.
- The AEB operates optimally when it detects human heads, swinging arms, and leg movements that align with normal walking patterns. Pedestrians crossing the vehicle's lane will be considered targets; however, pedestrians walking along the lane, on curves, or obscured by other objects may not be recognized as targets by the AEB.
- The AEB functions optimally when it detects the outlines and normal riding actions of cyclists. Cyclists approaching the vehicle head-on will not be treated as targets by the AEB.
- Throughout the entire process, you are responsible for controlling the vehicle and intervening when necessary.
- The AEB may not always detect vehicles, cyclists, or pedestrians, and various factors can lead to unnecessary automatic braking or system inactivity. Within the operating speed range of the AEB, collisions cannot always be completely avoided. This system is an auxiliary driving system intended to reduce the severity of collisions. Therefore, while driving, you are responsible for controlling the vehicle and intervening when necessary.

■ Using the AEB requires a meticulous review of the following Note matters:

- The AEB cannot defy the laws of physics and has inherent limitations; the driver must always maintain control over the vehicle and bears full responsibility for it.
- The driver must manage the speed and maintain an appropriate distance from the vehicle ahead, adapting to weather, road, and traffic conditions.
- The AEB does not respond to animals and vehicles crossing its path; it doesn't react to bicycles and pedestrians; when the driver has no intention to turn, it won't respond to oncoming vehicles.
- The system performance can be significantly limited for targets that quickly cut into the vehicle's lane, targets detected only after changing lanes, and targets in curves.

6. ADAS

- All passengers must fasten their safety belts and secure cargo to avoid hazards when the AEB is triggered.
- When a fault occurs in the AEB, the yellow indicator light  on the instrument cluster illuminates; please visit the authorized service station of Chery NEV as soon as possible.
- Turn off the FCW and AEB while the vehicle is on a drum test stand.
- When a non-full-dimension spare tire is installed, we suggest customers turn off the FCWS and AEB, and promptly replace it with the original full-dimension tire.
- In some specific environments, the AEB might issue unnecessary warnings and braking, like at railroad crossings and the turning points entering underground parking lots. Certain scenarios can impact and weaken the sensor's detection capabilities, like tunnels, lights from oncoming vehicles, reflections on wet roads, etc., consequently affecting the system's relevant functions.
- Two sensors, radar and camera, are installed in the front area of the vehicle and behind the windshield. Note that the sensor's view must not be obstructed by contaminants; no modifications or additions like decorative license plate frames are allowed in the front or surrounding areas. Especially, complete snow coverage on the sensor can lead to the system's function exit. Vibrations or collisions might also affect the sensor, causing the AEB to perform poorly or become non-functional. In such situations, promptly go to the authorized service station of Chery NEV for sensor recalibration.
- All the Note matters mentioned above do not exhaustively cover all situations that might affect the AEB's normal operation. The AEB might also fail to deliver expected results due to other reasons; the driver has the duty to ensure constant control over the vehicle.

Speed Limit Assist System (SLA) (if equipped)

The SLA system recognizes the speed limit or speed limit release signage information of the road ahead through the front view camera, integrates it with the speed limit or speed limit release information of the navigation system, and finally notifies the driver of the final speed limit or speed limit release information in the form of images and sounds. In case of overspeed, the system can warn the driver by sending speed limit information or overspeed alarm.



After the SLA is turned on, upon recognizing the first traffic sign, it is displayed on the instrument cluster. If no turning or other operations are conducted, the traffic sign disappears after a while until the next traffic sign is recognized. If the vehicle makes a large turn, the traffic sign will not be displayed until the next traffic sign is recognized. When the vehicle speed exceeds the recognized speed limit value, the displayed speed limit value will change from being normally on to flashing, reminding the driver to drive in a regulated manner. The SLA might fail to recognize under the following situations:

- Faded signs.
- Signs located on curves.
- Rotated or damaged signs.
- Signs erected high above the road.
- Completely or partially obstructed or concealed signs.
- Signs fully or partially covered by frost, snow, or dust.



Warning

- The SLA is a camera-based function, heavily influenced by weather and lighting conditions, and is not applicable in all situations.
- The SLA is an auxiliary driving function and cannot entirely substitute the driver's visual checks. Obstructions to the camera or radar, erroneous or missing speed limit information on maps, complex road conditions, and adverse weather can all impact this function's normal operation. In any situation, the driver should actively pay attention to their speed and the road's speed limits, ensuring controlled vehicle speed.

Traffic Sign Recognition System (TSR) (if equipped)

The TSR uses a forward-facing camera to detect traffic signs on the road, combining this information with the navigation system's traffic sign information

to notify the driver through visuals and sounds, so as to remind the driver of road traffic information such as no overtaking, no turning and dangerous areas, and to regulate the driver's driving behavior.



When the TSR is turned on, the system continuously monitors traffic signs on both sides of the road, displaying corresponding reminder icons and triggering alarms on the instrument cluster once compatible signs are recognized.

The TSR might fail to recognize under the following situations:

- Faded signs.
- Signs located on curves.
- Rotated or damaged signs.
- Signs erected high above the road.
- Completely or partially obstructed or concealed signs.
- Signs fully or partially covered by frost, snow, or dust.



Warning

- The TSR is a camera-based function, heavily influenced by weather and lighting conditions, and is not applicable in all situations.
- The TSR is an auxiliary driving function and cannot entirely substitute the driver's visual checks. Complex road conditions and adverse weather can all impact this function's normal operation.

Intelligent High Beam Assist System (if equipped)

The Intelligent High Beam Assist System can automatically turn on and off the high beams. At night, if it detects no oncoming or preceding vehicles and the relevant external environment

and traffic conditions are met, the high beams will automatically illuminate. If oncoming or preceding vehicles are detected or when on city roads, the system will automatically switch off the high beams, offering convenience to the driver while preventing the misuse of high beams. The driver also has the option to manually override the system to turn on/off the high beams.

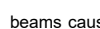
■ Intelligent High Beam Activation/Deactivation

- With the vehicle powered up and the light switch in "AUTO" position, enabling automatic high beams in the audio system, and with low beams already turned on, move the windshield wiper combination switch away from the steering wheel side and release to activate the Intelligent High Beam Assist System; the indicator



light on the instrument cluster illuminates. When the vehicle speed is ≥ 40 km/h, the system will automatically turn on/off the high beams based on meeting, following, and overtaking traffic conditions.

- When the Intelligent High Beam Assist System is active, turning on the high beams or flashing the high



beams causes the white indicator light on the instrument cluster to go out. Move and release the windshield wiper combination switch away from the steering wheel side to reactivate the system.



Reading

- At speeds < 40 km/h, the system is unable to automatically toggle between high and low beams.
- When the environmental brightness is too high, the system will automatically switch off the high beams.
- The system cannot automatically turn on/off the high beams when the Electronic Stability Control System or Anti-lock Braking System is activated or during quick turns.
- In heavy fog or when fog lights are activated, the high beams will be automatically switched off.
- The high beams will be automatically switched off if the windshield wiper operation speed is too fast.

Blind Spot Detection System (BSD) (if equipped)

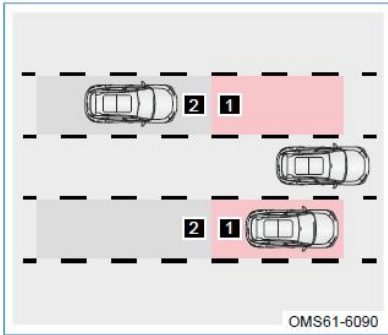
The BSD includes features like Blind Spot Detection, lane change assist, and Rear Cross Traffic Alert. It monitors the areas on either side of the vehicle's rear for the presence of moving vehicles, informing the driver and alerting them to be cautious of driving and lane-changing safety.

Blind Spot Detection (BSD)/ Lane Change Assist (LCA) System

The BSD monitors the blind spots of the driver's field of vision. When a vehicle appears in this area and the alarm conditions are met, the driver will be alerted.

6. ADAS

- The LCA monitors the vehicle's adjacent lanes. An immediate alert is triggered if a vehicle appears in the area meeting the alarm conditions or when a vehicle rapidly approaches from those areas.




The functions are activated when the vehicle speed is $\geq 15\text{km/h}$ and automatically go into standby mode when the speed is $< 10\text{km/h}$.


1 Detection area of BSD

The system is designed to detect other vehicles in the "blind spots" of the exterior side mirrors.

- 2 Area of approaching/alarm vehicle, overtaking vehicle. It is designed to detect vehicles about to overtake or rapidly approaching from the rear left or right lanes.


Indicator light


When the BSD/LCA functions are activated, the green indicator light  on the instrument cluster illuminates.

If a fault occurs, the yellow indicator light  on the instrument cluster illuminates accompanied by a text warning.

Alarm Display

When a target vehicle enters the left/rear or right/rear blind spots and meets the alarm conditions, a primary alarm is

triggered, and the left/right side mirror indicator light  remains on. If the driver operates the turn signal on the same side, a secondary alarm triggers, the exterior side

mirror indicator light  flashes, an audio alarm activates, and a warning displays on the instrument cluster interface.

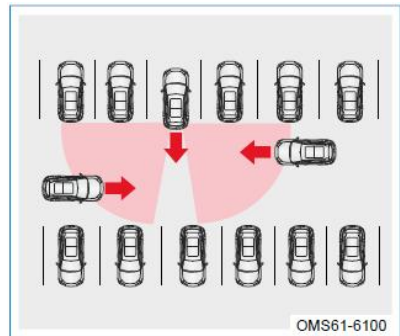
The BSD settings are configured in the audio system. For detailed information, refer to the "audio system."



Caution


- Even with the BSD installed, drivers should not be complacent and must exercise caution and attentive driving.
- Throughout the process, the driver is responsible for controlling the vehicle, supervising the management system, and intervening when necessary.
- The BSD alarm signal light may be triggered by stationary objects on or alongside the road (such as guardrails, tunnels, sidewalls, and parked vehicles).
- When towing or when accessories (such as a bicycle rack) are attached to the rear of the vehicle, the BSD should be turned off to prevent interference with the radar's wireless waves, which could cause the system to malfunction.
- If your vehicle has run roads covered by snow for a long time, with large amounts of snow or ice accumulated on the rear bumper or near the sensor, the system may not work.

Rear Cross Traffic Alert (RCTA)



The vehicle's RCTA activates when shifted into the R gear and the speed is less than 10km/h ; in all other gears, the system remains in standby.

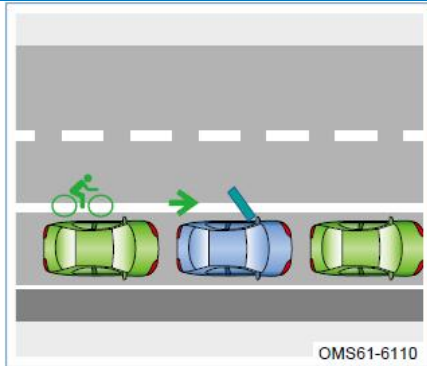
When there is a target vehicle approaching from the left or right rear and meets the alarm conditions, the exterior side

mirror indicator light  flashes when alarm conditions are met, alerting the driver of a potential collision.

RCTA settings are available in the audio system; for detailed information, please refer to "audio system".


Door Opening Warning System

The Door Opening Warning System detects approaching vehicles or bicycles from the rear in adjacent lanes through sensors, and alerts during risky door opening moments to caution both driver and passengers against opening the doors.



The door opening warning function is activated in any gear when the vehicle is stationary.

If a vehicle enters the detection zone and meets the alarm conditions, and the front car door is not yet opened, the

corresponding side mirror indicator light  will stay on; when the front car door opens, the corresponding side

mirror indicator light  flashes, accompanied by an audio alarm.



Reading

Settings for the Door Opening Warning System can be configured in the audio system; for more information, refer to “audio system”.

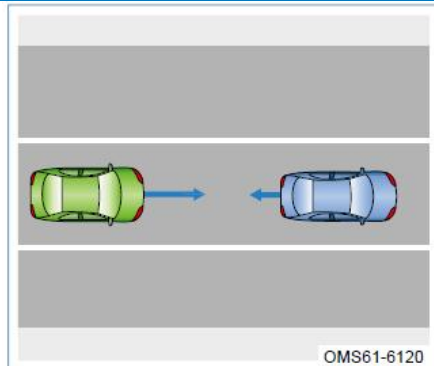


Caution

- When the indicator lights on the exterior side mirror or car door are flashing, do not open the car door; ensure there are no vehicles behind before safely opening the door.
- An alarm will also be triggered when a nearby vehicle is at a close distance, moving at a low speed, and the collision time with our vehicle is less than the specified value.
- No alarm will be triggered if a fast-approaching vehicle from behind is at a distant, and the collision time exceeds the specified value.

Rear Collision Warning System (RCW)

The RCW activates after being turned on and alerts the driver with warning signals when a rear vehicle approaches rapidly, posing a collision risk.



When the vehicle's speed is 15km/h or above, and a vehicle from the rear lane approaches quickly, the danger warning light flashes, and an alarm sound is triggered.



Reading

The settings for the RCW are found in the audio system; for more information, refer to “audio system”.

Tire Pressure Monitoring System (TPMS)

Tire Pressure Monitoring System (TPMS)

The Tire Pressure Monitoring System constantly monitors the tire's pressure and temperature. It triggers an alarm when the tire's pressure is too low or the temperature is too high.



After the vehicle is driven at a speed greater than 30km/h for a certain period, the instrument cluster can display the tire's real-time pressure and temperature.

Warning for low pressure

Upon powering up the whole car, if the instrument cluster displays a tire pressure ≤ 1.85 bar, the system triggers a low-pressure alarm.

During the low-pressure alarm, the corresponding wheel symbol turns red, displaying the current pressure value, and the tire pressure alarm light stays on.

6. ADAS

The low-pressure alarm ceases automatically when the tire pressure reaches ≥ 2.0 bar after driving for a while.



Warning

Reinflate the tires promptly if the pressure is low; low tire pressure increases fuel consumption and accelerates tire wear, risking blowouts.

Warning for high temperature

When the vehicle is powered up, and the instrument displays a wheel temperature $>85^{\circ}\text{C}$, the system triggers a high-temperature alarm.

During the high-temperature alarm, the corresponding wheel symbol turns red, displaying the current temperature value, and the tire pressure alarm light remains on.

The high-temperature alarm automatically ceases when the tire temperature is $<75^{\circ}\text{C}$ after driving for a period.



Warning

In case of a warning for high temperature, stop driving to cool down the tires naturally, otherwise there would be a risk of accident. When the tire temperature is too high, don't cool it by pouring cold water, which may lead to damages to the tire and a risk of accidents.

Tire Pressure Monitoring System (TPMS) Fault Alarm

When the vehicle speed is above 30km/h and the TPMS doesn't receive signals from one or more sensors for 10 continuous minutes, a system fault alarm is triggered, displaying "TPMS fault" on the instrument cluster, and the "" light stays on.

6

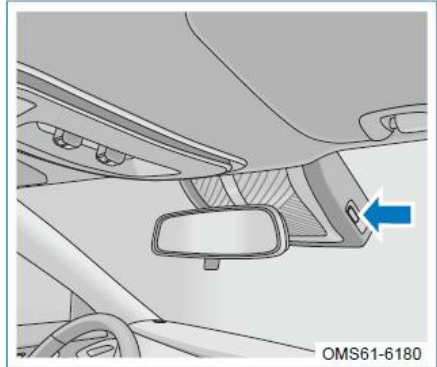
Possible reasons for the TPMS fault:

- The wheels have been replaced, without releasing the specifications of the TPMS.
- TPMS might be affected due to the installation of snow chains, causing the sensor to experience electromagnetic shielding characteristics.
- If the TPMS module is damaged, please contact the authorized service station of Chery NEV for repairs.
- TPMS may malfunction and trigger false alarms due to interference from the installation of electronic equipment that exceeds the standard.
- The tire pressure monitoring system may not function due to radio interference. Strong electromagnetic field wireless signals at the same frequency may temporarily interfere with the tire pressure monitoring system.

DVR

The DVR records the complete journey of the vehicle, capturing both video images and sound, serving as evidence in the event of a traffic accident.

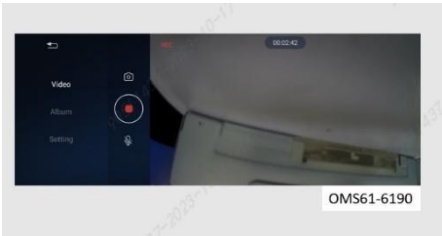
For enthusiasts of self-driving tours, it can also be used to document the process of overcoming difficult terrains and obstacles. The dash cam records video while the vehicle is in motion, embedding both time and vehicle information within the recording.



OMS61-6180

Insert a Class10 or higher storage TF card formatted to FAT32 or exFAT before powering on the device.

■ DVR connection and display



OMS61-6190

The DVR is linked with the head unit through Wi-Fi, and is displayed and operated on the head unit. Click the DVR applications to enter the real-time interface of the DVR. Click the top left corner to return to the IHU main interface and exit the DVR interface.



Reading


- Because of the delay in Wi-Fi transmission, the real-time image displayed by the head unit is a little delayed than the actual view in front of the vehicle seen by your eyes.
- The Wi-Fi connection between the head unit and the DVR may be disconnected after exiting the DVR. When clicking the DVR APP again, you need to reconnect the Wi-Fi, and this process takes some time, please wait for a while.

■ General Video Recording

- Upon starting the vehicle, the DVR begins recording. The IHU's real-time screen displays a flashing red dot in the center and shows the "REC" indication, with the timer in the center of the screen incrementing every second.

- General videos are fragmented by time. A video duration of 3min is defaulted by the system, and can be manually changed to 1min or 5min.
- General video recordings are stored segmentally in the regular video folder; older videos will be automatically overwritten when the folder is full.

**Reading**

Click  on the IHU's real-time screen to turn on/off audio recording; the default setting is off. Some specifications of vehicles lack the recording feature; please refer to the actual vehicle specifications for accuracy.

**Caution**

Avoid removing the TF card directly during video recording. If necessary to remove the TF card, first pause the video recording or shut down the engine before removal.

■ Emergency Video Recording

- When the DVR is operating normally and the vehicle is involved in a collision, if the DVR is not damaged and this function is activated, it automatically records 10 seconds of video before and after the collision.
- Emergency recordings are stored in the emergency video folder; older videos will be automatically overwritten when the folder is full. The IHU will display a text notification: the DVR emergency video folder is full and has started overwriting. Please check the recordings timely.

**Reading**

In some cases, due to insufficient collision intensity or other factors, an emergency video document might not be created for every collision. If no emergency video is generated, check the regular video folder for the footage recorded during the accident.


■ Parking Monitoring

- When the engine is off, and the vehicle is involved in a collision, if the DVR is not damaged and this function is activated, it powers up and records for 20 seconds before shutting down.
- Parking monitoring recordings are stored in the emergency video folder; older videos will be automatically overwritten when the folder is full, and the IHU will display a text notification: the DVR emergency video folder is full.

**Reading**

- Parking monitoring is enabled by default, but users can turn it off or on via the IHU.
- When the storage battery voltage drops below a certain level, the DVR cannot be awakened by vibrations if the parking monitoring function is enabled.
- In some cases, due to insufficient collision intensity or other factors, the DVR might not be awakened to record video after every collision.

■ Photo taking and capturing

- Click  to take a photo; each click captures one image.
- The DVR can also be triggered to capture images by pressing the "*" button if the steering wheel's custom button is set to the DVR's capture function.

■ Photo / Video Playback

Click the album on the IHU's real-time screen to view videos, emergency videos, and photos stored on the memory card.

**Reading**

- Swipe up or down in the video or emergency video section, select a specific video segment, and click to play it in the playback interface. Users can pause, resume, switch between previous/next video segments, and delete videos.
- In the video file list interface, press and hold a video, and a small circle will appear in the top right corner of the video thumbnail, with a "✓" indicating that the video has been selected. Single or multiple videos are optional. Click "Delete" to delete the selected video. Deleted videos cannot be restored.
- During the recording of the video, when the "Driving Information Superimposition" switch is on, the date and time of recording the video and the driving status at the time of recording can be seen in the information bar of the video view interface.

**Caution**

Avoid removing the TF card or turning off the power during the deletion of videos or photos to prevent damage to the TF card.

6. ADAS

■ Settings



By clicking the soft button for settings, you can access the DVR setup menu. The settings for the DVR include the following:

Driving information superimposition: ON (default), OFF.

Video recording resolution: Options include 1080P (default) and 720P.

Video recording duration: 1min, 3min (default), 5min.

Vibration sensing sensitivity: high, medium (default), low.

Wide Dynamic Range: Can be turned on (default) or off.

Parking monitoring: ON (default), OFF.

Capture: photo taking, short video, photo taking + short video (default).

Recorder Storage Card: Displays the TF card capacity and offers the option to format the TF card.

About the Recorder: Shows the hardware version and software version of the recorder and allows for DVR software updates.

Factory Reset: Restores the recorder to its default settings when it left the factory.



Reading

During the formatting of the storage card and software update process, do not remove the card or power off to avoid damaging the storage card or recorder.

6

Fatigue Monitoring System (if equipped)

Fatigue Monitoring System

The Fatigue Monitoring System uses a camera located on the driver's left side A-pillar to recognize relevant information of the driver. It supports fatigue driving monitoring, distraction monitoring, and hazardous behavior monitoring. This function is limited by local regulatory requirements, and may not be available in some countries and regions.

Fatigue Monitoring

During driving, the camera samples the driver's eye-closing and yawning behaviors. The system judges whether the driver is fatigued based on the vehicle's driving time and speed, initiating corresponding alarms to alert the driver based on fatigue levels (for example: sound alarms, voice alerts, instrument alarms, etc.).

Distraction Monitoring

The camera samples the driver's eye and facial angle shifts during driving. The system judges the level of distraction based on the duration of eye shift and initiates corresponding alerts to the driver (for example: sound alarms, voice alerts, instrument alarms, etc.).

Risk Behavior monitoring

During driving, the camera samples the driver's hand movements. The system identifies whether the driver is smoking, using the phone, eating, etc., and initiates corresponding alarms to warn the driver (for example: sound alarms, voice alerts, instrument alarms, etc.).



Caution

- Please ensure the camera is clean and unobstructed to ensure the system works properly.
- Using abrasive or sharp objects to clean the camera is prohibited.



Warning

The Fatigue Monitoring System is an auxiliary tool. In all situations, the driver should be responsible for the vehicle's safety, avoiding fatigued and distracted driving, and must always focus on careful driving.

Rear Camera Parking Aid (RCPA) (if equipped)

The reverse video image system captures images of the rear view of the vehicle via a rear-view camera, displayed on the audio system screen, providing dynamic reverse assistance lines.

When the vehicle is started and shifted to the R gear, the reverse image interface displays the reverse image and car assist lines, which dynamically change with the steering wheel to predict the motion trajectory of the reversing wheels.



Caution

- The distance is for reference only (such as a ramp).
- Do not scratch the mirror when cleaning the dirt or snow on the surface of the camera.
- The car width guide lines include the width of the exterior side mirrors; there might be slight differences between the tire trajectory lines and the actual vehicle movement trajectory, so please drive carefully.
- If tires of different sizes are replaced and the expected driving route displayed is different from the actual route, please use the rearview mirror or perform an inspection to determine the distance from other objects.

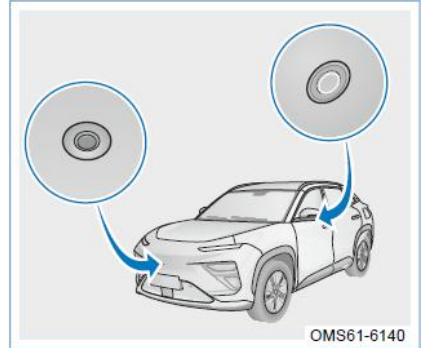
**Warning**

- Make sure that the liftgate is closed tightly during the reversing.
- Do not let the images displayed on the display screen distract your attention for the surrounding traffic conditions.
- When reversing, be sure to pay special attention to young children, small animals and small objects in the surrounding, because the camera may not be able to capture them.
- Due to the limited monitoring range, the bottom and the corners of the bumper cannot be viewed in the RCPA system.
- Because the rear camera uses a wide-angle lens, the distance of objects seen in the reversing video image is different from the actual distance.
- Do not knock the camera. As they are precision instruments, knocking may cause malfunction or damage, resulting in fire or electric shock.
- The RCPA system provides convenience for drivers, but it cannot replace the correct reversing operation. When reversing, be sure to look around and check if this operation is safe, and reverse slowly.
- When washing the vehicle body with a high-pressure water cannon, do not spray water around the camera, otherwise the water droplets will condense on the lens after entering the camera, causing malfunction, fire or electric shock.
- The rearview camera lens will magnify and distort the field of view, so that the image on the display is different from the real object or cannot accurately reflect the real object, with blind spots and a little delay.

AVM System (if equipped)

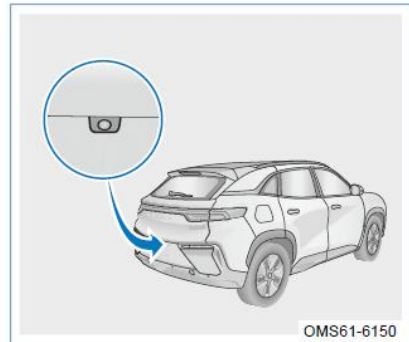
The AVM system collects images from the front, rear, left, and right directions of the vehicle. Through image processing algorithms, it stitches these into a bird's eye view of the vehicle's surrounding environment. It's displayed on the audio system to help the driver more intuitively confirm the relative positions between the vehicle, parking spaces, and surrounding obstacles.

Camera Distribution



The front camera is located at the front intake grille.

The left/right cameras are located at the bottom of the left/right side mirrors.



The rear camera is situated above the center of the rear license plate.

AVM usage

- Entry to AVM system



With the vehicle is powered up and the vehicle gear shifted to R gear, and the speed is $\leq 20\text{km/h}$:

6. ADAS

- Shift the gear to R to enter the AVM system.
- Press the AVM switch to enter.
- Enter the AVM system during large angle rotation of the steering wheel (requires enabling [Activate by Steering Wheel Angle] in the IHU settings).
- Turn on the left/right turn signal to enter AVM system (requires enabling [Activate by Turn Signals] in the IHU settings).



Reading

Activate the AVM function when the gear is in D and there are obstacles in front.

■ Exit the AVM system

- The AVM exits if the speed is >30km/h.
- It exits after the vehicle power supply is turned off.
- When activated through the R gear, it exits 15 seconds after shifting out of the R gear, provided the speed is within 30km/h.
- It exits upon turning off the left/right turn signals when the AVM is activated with the vehicle power supply turned on.
- The vehicle is powered up, turn the steering wheel to make the turning angle larger than 180°, the AVM is activated, when the turning angle is smaller than 45°, the AVM will exit.
- It exits upon clicking the AVM switch again when activated with the vehicle power supply on.
- It exits after the obstacle that activated the AVM disappears.



Caution

The AVM system offers driving assistance convenience, but the objects in the image do not reflect their real size and distance. There is a slight delay and blind spots in the image compared to reality, so this function cannot replace the driver's operation and judgment. During the activation, deactivation, and use of the function, the driver should note the surrounding environment and ensure safe driving.

AVM View Switching



← Back Button

In non-R gears, the AVM system can exit by pressing the Back button.



Settings Button

Clicking this brings up the settings menu.



Single Side + Bird's Eye View Button

Shows the single side view and stitched view, with the single side view being switchable.



Front Wide-Angle View Button

Stitches the front view into a wide-angle view after distortion correction.



Rear Wide-Angle View Button

Stitches the rear view into a wide-angle view after distortion correction.



3D View Button

Clicking on specific viewpoint buttons around the top view of the car switches to the corresponding 3D view, with the 3D view being switchable to any viewpoint by sliding.



Car Body Transparency Button

Adjusts the transparency of the car model.



Reading

The AVM system is greatly helpful for parking and safe driving. It is suggested to familiarize yourself with this function in an open and convenient location beforehand.

6. ADAS



When the distance between the parking radar and the obstacle is $\leq 20\text{cm}$, the object may not be detected. Drivers should be attentive to their surroundings and ensure safe driving practices.



- The Parking Radar System is an auxiliary feature and may not operate normally under all driving conditions, weather, traffic, or road situations.
- Throughout the process, vehicle owners are responsible for controlling the vehicle, supervising and managing the Parking Radar System, and intervening when necessary.

Functional limitations

The parking sensor system may not work normally under the following conditions:

- Radar sensors cannot detect thin objects like wires, fences, or ropes.
- Radar sensors cannot detect low-lying objects like rocks.
- Radar sensors might not detect objects that are higher than the bumper.
- Radar sensors cannot detect soft materials like snow, cotton, or sponge that easily absorb ultrasonic waves.
- If the surface of the radar sensor is frozen, it will not be able to detect any obstacles.
- Sensors are covered with dirt, snow or mud, and may not detect obstacles.
- In cases where multiple sensors detect obstacles, each sensor's distance to obstacles is displayed simultaneously, and the alarm sound is based on the closest obstacle.
- Radar sensors do not alert for obstacles outside of their detection scope
- When a high-frequency radio or antenna is in use.
- When there is a loud noise near the vehicle (such as the sound of a vehicle horn, motorcycle engine, pneumatic braking sound of a large vehicle, or other strong noises that can generate ultrasonic waves).

- When driving in jelly like snow or rain.



- when the vehicle is on a steep slope.
- When the vehicle is moving, be aware that the parking sensors on the other side might approach other obstacles.

Cleaning the parking sensors

please use a soft cloth or water (low water pressure) to remove obstacles such as snow, mud and dust on the surface of the parking sensor.



High-pressure water jets or significant external forces can damage the radar sensors. Do not squeeze or strike the radar sensors, as this can cause them to malfunction.

If the speaker does not sound during reversing, please check the following:

- Check if foreign objects are attached to the surface of the radar sensors.
- Radar sensors cannot detect wires, fences, and check if the surface of the radar sensors is frozen.
- Check if the vehicle has been parked for a long period in hot or cold weather.
- If the cause cannot be identified, please promptly go to the authorized service station of Chery NEV for inspection and repair.

Vehicle Emergency Situation Handling

Power battery

If the vehicle encounters an emergency situation, such as the power battery hitting the bottom, collision, submersion, or if the power battery case and plug-ins have serious deformities or cracks, or if severe fault alarm signals appear on the instrument cluster (such as overvoltage, overheating, low insulation, thermal runaway alarms, and overheating of the charging socket), contact authorized service station of Chery NEV for inspection immediately.



Reading

When the power battery's charge is low, the low battery indicator light on the instrument cluster will illuminate, prompting you to stop and charge the vehicle promptly. Under normal circumstances, after this warning light is on, you should reduce speed and drive to the nearest charging location at <40km/h. You can approximately continue driving for another 10-20km under normal conditions; afterward, the system will automatically disconnect the high-voltage system to protect the power battery.

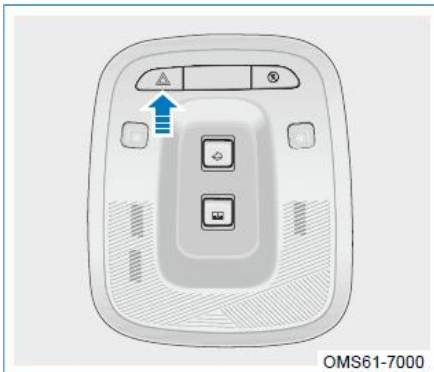


Warning

Continuing usage under the above conditions could cause the vehicle to lose power or pose other safety risks. Contact the authorized service station of Chery NEV for the power battery inspection at the earliest convenience.

Hazard warning flasher

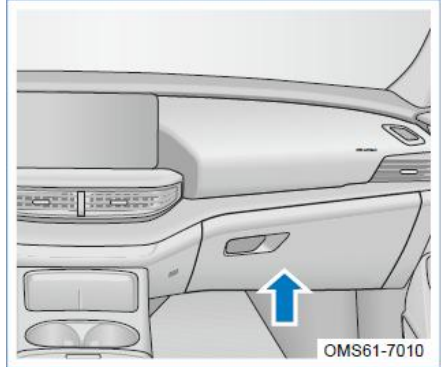
If the vehicle is stopped at a location that might cause a traffic accident, the hazard warning lights must be turned on to alert other drivers. If possible, park the vehicle far from the roadway.



Press the hazard warning light switch to turn it on, and press again to turn it off.

- The hazard warning lights can still operate when the whole car power supply is turned off.
- When the airbag is deployed, the hazard warning lights automatically activate.

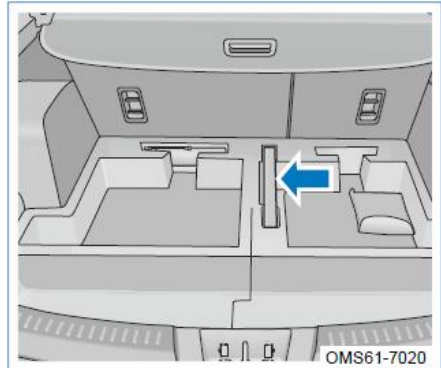
Reflective vest



This vehicle is equipped with a reflective vest. It is suggested to place the reflective vest in the glove compartment of the instrument panel.

When the driver has to stop for emergency repairs on the road or in the event of an accident, take the reflective vest from the glove compartment, open the packaging bag, and wear the vest with the reflective side out. Utilizing the reflective performance of the vest can alert other vehicles to avoid a secondary accident.

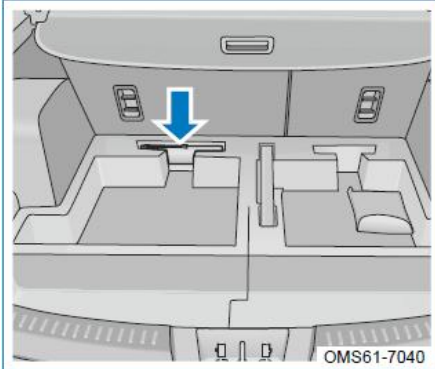
Warning triangle



The warning triangle is located under the rear trunk carpet. When the driver encounters an emergency stop for repairs on the road or an accident, utilizing the warning triangle's reflective performance can alert other vehicles to avoid a secondary accident.

7. Vehicle emergency

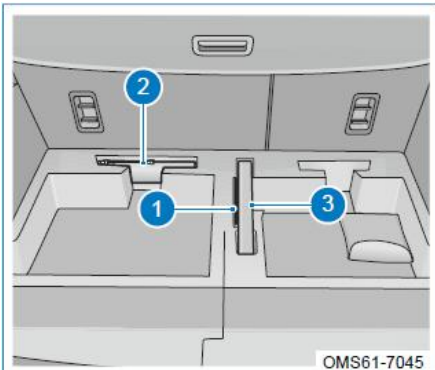
Repair sealant



The tire repair fluid can be stored under the rear trunk carpet.

When the driver discovers a slow leak in a tire on the road, the tire repair fluid can be used for quick repair to prevent further damage to the tire and wheel.

Driver's tools



- ① Tow hook
- ② Repair sealant
- ③ Warning triangle

Battery

Removal and Installation of the Storage Battery

Your vehicle is equipped with a 12V maintenance-free lead-acid storage battery. When removing and installing the storage battery, take the following precautions:

- Replace the storage battery with a lead-acid type only, other types are not permissible. The current and capacity of the new storage battery must be compatible with the old storage battery or Chery New Energy specifications. For the correct storage battery specifications, consult the authorized service station of Chery NEV.
- After the whole car power supply and all electric devices are turned off, first remove the negative (-) cable.

- Be careful to avoid metal tools touching both electrodes of the storage battery or touching the positive electrode and the vehicle body.
- When reconnecting the storage battery, connect the positive (+) cable first, followed by the negative (-) cable.



Environmental protection

Used batteries contain sulfuric acid and lead and shall not be disposed of as general household waste. Please send them to a local qualified waste disposal station.



Caution

Please operate with caution to avoid metal tools touching the cathode and the anode of the battery or the cathode of the battery and the car body simultaneously.



Warning

- Please keep the battery out of the reach of children.
- Do not smoke, use matches or lighters, or light open flames near the battery.
- As the acidic solution is highly corrosive, be sure to wear gloves and goggles when operating, and do not tilt the battery.
- If acidic solution splashes on your skin or clothing, wash immediately with alkaline water (such as soapy water), then rinse with clean water and seek medical advice immediately if necessary.

Jump starting

To avoid vehicle damage or personal injury caused by improper operation, it is recommended to contact professional maintenance personnel or the authorized service station of Chery NEV for maintenance as soon as possible if you have any doubts about the operation steps.



Caution

Only batteries of the same nominal voltage (12V) and jumper wires with insulating clamps and appropriately sized cables can be used, and do not remove the dead battery from the electrical system of the vehicle.

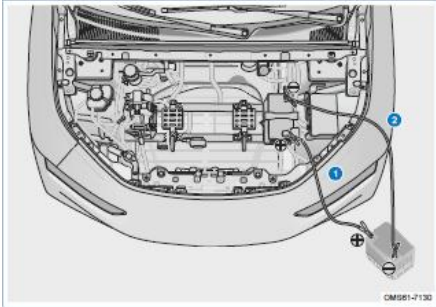


Warning

- Conforming jumper cables must be used.
- Do not approach the battery after the vehicle is started.
- Do not use lighters, or light open flames near the battery.

7. Vehicle emergency

Jump starting



1. Turn off all unnecessary electrical equipment and ensure there is no contact between the vehicles if the auxiliary battery is installed in another vehicle.
2. Connect the cables in the order as shown in the figure.
3. Connect the positive (+) terminal of the dead battery to the positive (+) terminal of the supporting battery with a wire.
4. Connect one end of the wire to the negative (-) terminal of the supporting battery, and then connect the other end to the negative (-) terminal of the dead battery, and secure the jumper wire to prevent it from contacting with the moving parts in the front trunk.
5. Make sure the jumper cables do not interfere with the vehicle's moving parts.



Caution

- During the lapping process, do not shift to driving mode and ensure that the vehicle is in parking mode.
- Do not tilt the battery while making connections.
- Never allow the contact between jumper clips or between jumper clip and other metal parts on the vehicle.
- If the first start fails, check the clamp of the jumper cable, and then start the vehicle again in the normal way. If the restart fails again, please contact the authorized service station of Chery NEV for maintenance as soon as possible.

Starting the vehicle

1. Start the vehicle with a supporting battery.
2. The vehicle with a dead battery shall be started within one minute as far as possible.
3. Before detaching the jumper cable, wait in the READY state for more than three minutes.

4. Remove the cables in the reverse order of connection (remove the negative cable first and then the positive cable).

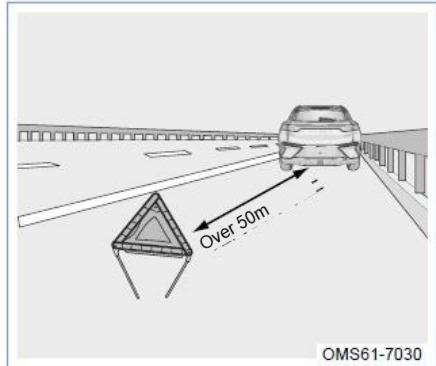


Caution

- If the first start fails, check the clamp of the jumper cable, and then start the vehicle again in the normal way. If the restart fails again, please contact the authorized service station of Chery NEV for maintenance as soon as possible.
- In order to reduce the voltage shock when the wire is disconnected, please turn on the blower and rear windshield heater on the vehicle with a dead battery. Do not replace the rear windshield heater by turning on the headlights, as the surge voltage may burn out the bulbs.

If a tire goes flat in the process of vehicle running

If a tire goes flat in the process of vehicle running, you need to slow down gradually, hold the steering wheel firmly with both hands and keep the vehicle traveling in a straight line. Park the vehicle in a safe place away from major traffic areas and on solid and flat ground whenever possible. Avoid parking in the center or split lanes of the expressway.



1. Power down the vehicle, shift the gear to P, and apply the parking brake;
2. Turn on the hazard warning flashers and power down the vehicle;
3. Everyone in the vehicle shall get out of the vehicle, pull over and avoid traffic flow;
4. Take the warning triangle out of the rear trunk wearing a reflective vest, and place it 50-150m behind the vehicle, depending on the situation.



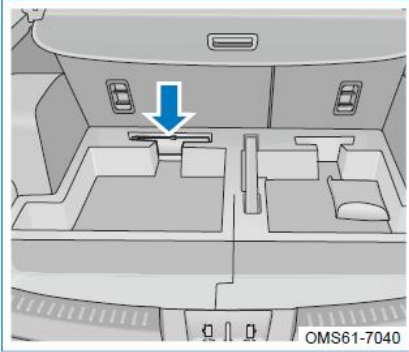
Caution

- Do not drive with a flat tire, even for a short distance, as the tire will be damaged beyond repair.

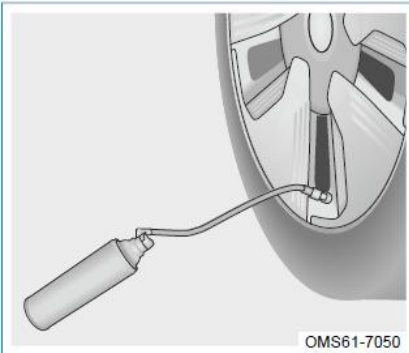
7. Vehicle emergency

Emergency tire repair

Instructions for emergency tire repair in the event of a flat tire on a vehicle equipped with automatic inflating repair sealant:



1. Open the liftgate, lift the rear trunk carpet and take out the automatic inflating repair sealant;



2. Before use, uniformly shake the automatic inflating repair sealant, and then tear off the safety cover on the connection valve;
3. Fasten the connection valve of the automatic inflating repair sealant on the tire nozzle;
4. Turn the red valve clockwise, and reverse the cylinder to start tire inflation and repairing.
5. After the automatic inflating repair sealant is injected, close the valve counterclockwise, unscrew the connection valve, and then immediately drive the vehicle for more than 10km to complete the repair, and go to the authorized service station of Chery NEV or a professional tire repair shop as soon as possible for repairing or replacement.

Remarks: Before using the automatic inflating repair sealant, please check its tank to ensure that it is used within the expiration date.



Caution

- The automatic inflating repair sealant is a disposable consumable (only for one wheel) and can be purchased at the authorized service station of Chery NEV.
- After using the automatic inflating repair sealant, the vehicle can be driven continuously for more than 500km. Please drive at a speed of <80km/h for the first 10km, then you can drive at normal speed. It is recommended to go to the authorized service station of Chery NEV or a professional tire repair shop as soon as possible for repairing or replacement.



Warning

- Prevent the automatic inflating repair sealant from contacting skin or eyes, and keep it out of the reach of children.
- If you continue to drive the vehicle with a puncture and air leakage, a tire burst may occur, threatening personal safety.
- Automatic inflating repair sealant is used to repair tire punctures. It is not applicable to damages to other parts such as tire shoulders, sidewalls and valves.
- If you need to remove the sharp object before repairing the puncture, be sure to move the vehicle slightly so that the puncture in the tire faces 6 o'clock directly below before filling in the automatic inflating repair sealant.
- If the automatic inflating repair sealant splashes onto the tire or rim during use, rinse with clean water or wipe with a rag; if it accidentally splashes into your eyes, please rinse with clean water immediately and seek medical advice.
- When using this product at an ambient temperature of (-40°C-0°C), please warm the product to above 0°C in the warm air in the vehicle before use to improve the efficiency of filling the automatic inflating repair sealant.
- The automatic inflating repair sealant can be used to repair punctures with a diameter of $\leq 6\text{mm}$ effectively. Within this range, the sharp object can be removed for repair. When the puncture diameter is $> 6\text{mm}$, please contact the authorized service station of Chery NEV immediately.
- After using the automatic inflating repair sealant, drive the vehicle for 10km or more immediately without stop, and go to the authorized service station of Chery NEV or a professional tire repair shop as soon as possible for repairing or replacement.
- The storage temperature of automatic inflating repair sealant is -40°C-70°C.
- It is forbidden to store it in a place exposed to direct sunlight in the vehicle, and it is forbidden to come into contact with open flames; please be sure to store it firmly in the tool box as required and do not put it in the cockpit.

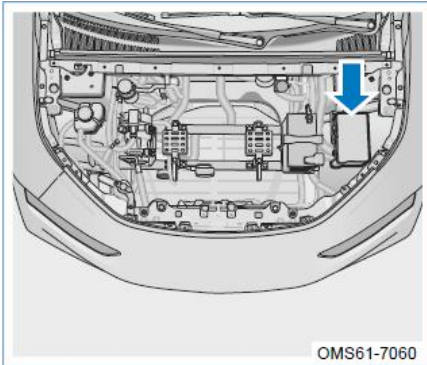
Replacing a fuse

Fuse

Fuses are used to protect electrical lines and components from overload. If any electrical components are not working, it may be the result of a blown fuse. In this case, the fuse needs to be checked and replaced if necessary.

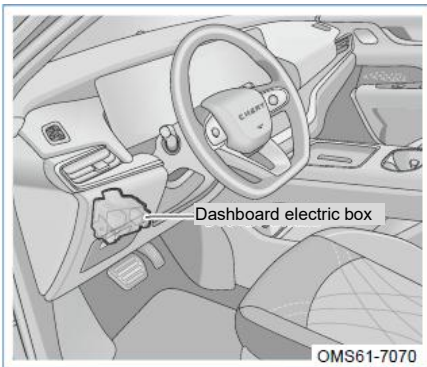
Distribution of electrical boxes

Front trunk electrical box



1. Power down the vehicle.
2. Disconnect the 12V battery negative cable;
3. Remove the electrical box cover of the front trunk to check or replace the fuse.

Dashboard electrical box



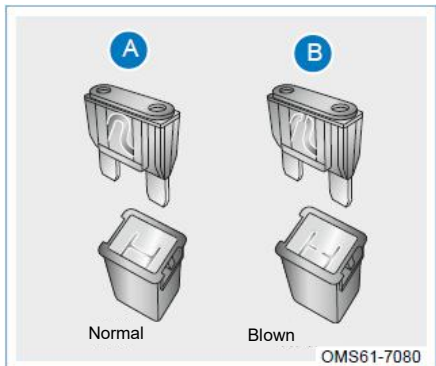
1. Power down the vehicle.
2. Disconnect the 12V battery negative cable;
3. Disassemble the dashboard left lower trim assembly to check or replace the fuse.



Reading

- Check for the questionable fuses according to the fuse and relay distribution map.
- Be careful when disassembling/assembling the dashboard storage box to avoid damaging the vehicle. Please immediately contact the authorized service station of Chery NEV, if necessary.
- The fuse box must be kept clean and protected from moisture when open, as dirt and moisture can damage the electrical system.

Check the fuse



If electrical equipment is not working, please check the relevant fuses.

Check whether the fuse is normal as shown in the figure.

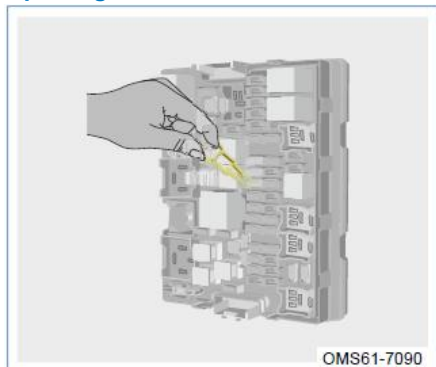
- ① The fuse is in good condition.
- ② The fuse is blown.



Reading

The fuse must be replaced if it is blown.

Replacing a fuse



1. Turn off all the electrical devices and the Start/Stop button:

7. Vehicle emergency

2. Check for the questionable fuses according to the fuse and relay distribution map;
3. Use a puller to remove the questionable fuse;
4. Check whether the fuse has blown. If you are not sure whether the fuse has blown, you can replace the questionable fuse with a spare fuse of the same amperage;
5. Only fuses with the same amperage as the original fuse can be installed. The rated amperage can be found on the schematic on the inner side of the fuse box cover.

If there is no spare fuse, you can borrow fuses of the same specification from other unimportant electrical equipment (such as multimedia) for replacement in an emergency.

It's preferable to buy a set of spare fuses and keep them in your vehicle for emergency use.



Caution

- Do not modify the fuse or fuse box.
- Do not use a fuse with an amperage higher than the rated value, otherwise the electrical equipment may be overloaded. If the fuse with rated amperage is still blown, it means there is a fault in the circuit. Please immediately contact the authorized service station of Chery NEV for maintenance.
- Never replace a fuse with a wire, even temporarily, as this may cause serious damage to the electrical equipment or even a fire.



Warning

Only fuses of the same amperage and type as the original fuse can be installed.



Caution

Don't directly tow the vehicle, otherwise it would be seriously damaged.

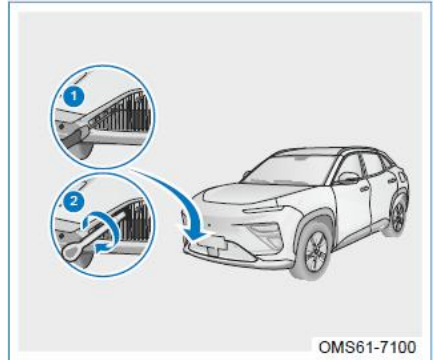


Warning

- In the towing process, all personnel except the driver should try to stay away from the towing vehicle as much as possible, otherwise it may cause personal injury.
- When towing a vehicle, avoid sudden starting and unstable driving operations, otherwise excessive force may be applied to the tow lug, towing cable, towing chain, or towing bar, causing them to break, vehicle damage or even personal injury.

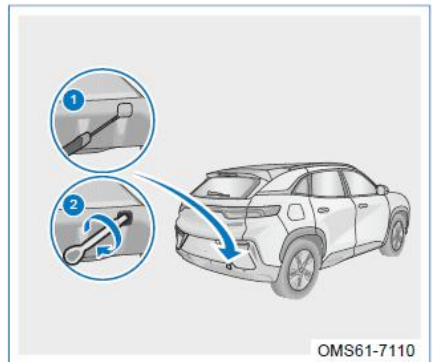
Position for installation of the front tow lug

Install the tow lug



- 1 Use a screwdriver wrapped with protective tapes to remove the front tow lug hole cover;
- 2 Install the tow lug in a clockwise direction into the tow lug hole, and then tighten it with a wheel bolt spanner.

Position for installation of the rear tow lug



Vehicle towing

Precautions for vehicle towing

All vehicle towing must be carried out using a safety chain system and comply with national, provincial, municipal and local laws or regulations. The wheels and their axles in contact with the ground must be intact. If they are damaged, a platform truck is required.

Vehicle towing: Before towing the vehicle, release the parking brake and shift the gear to N.

■ This vehicle is a pure-play electric vehicle with rear-wheel drive, and you can choose the following two methods to tow the vehicle:

1. Flatbed truck: The operator will load your vehicle onto a flatbed truck (this is the best way to transport your vehicle).
2. Wheel-lifting device: To tow and lift your vehicle, insert two support arms into the bottom of the rear wheels of the vehicle to raise the wheels off the ground, and keep the front wheels on the ground. This is a practical method to lift and tow your vehicle.

7. Vehicle emergency

- 1 Use a screwdriver wrapped with protective tapes to remove the front tow lug hole cover;
- 2 Install the tow lug in a clockwise direction into the tow lug hole, and then tighten it with a wheel bolt spanner.



Caution

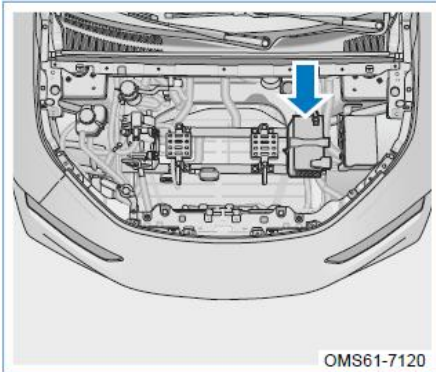
- Only the specified tow lug is used, otherwise the vehicle will be damaged.
- Only when the tow lug is installed in place can the tow rope or drawbar be installed.
- Both drivers must be familiar with the features of the towing process, otherwise the vehicle cannot be towed.
- When towing, the towing vehicle should be driven slowly and smoothly as the impact caused by excessive tension may damage your vehicle.



Warning

Ensure that the tow lug is securely installed, otherwise the tow lug may loosen in the process of towing, resulting in serious accidents, serious injuries and even death.

If the battery runs out Remove the battery



Follow these steps when removing and installing the battery:

1. Power down the vehicle and open the front trunk;
2. Disconnect the cable on the battery negative (-) terminal;
3. Disconnect the cable on the battery positive (+) terminal;
4. Remove the battery splint and take the battery out;
5. Install a new battery with the same specifications and model as the old battery, and install the battery in place in the reverse order of removal.



Environmental protection

Used batteries contain sulfuric acid and lead, so do not throw them away. Please follow local environmental regulations or send it to a waste disposal station.



Caution

Please operate with caution to avoid metal tools touching the cathode and the anode of the battery or the cathode of the battery and the car body simultaneously.



Warning

- Please keep the battery out of the reach of children.
- Do not smoke, use matches or lighters, or light open flames near the battery.
- As the acidic solution is highly corrosive, be sure to wear gloves and goggles when operating, and do not tilt the battery.
- If acidic solution splashes on your skin or clothing, wash immediately with alkaline water (such as soapy water), then rinse with clean water and seek medical advice immediately if necessary.

Jump starting

To avoid vehicle damage or personal injury caused by improper operation, it is strongly recommended to contact professional maintenance personnel or the authorized service station of Chery NEV for maintenance as soon as possible if you have any doubts about the operation steps.



Caution

Make sure that the voltage of the battery used is between 12-13V before jump starting.

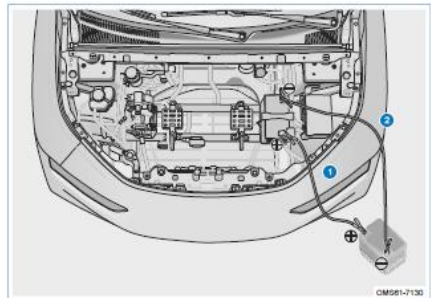


Warning

- Conforming jumper cables must be used.
- Do not approach the battery after the vehicle is started.
- Do not use lighters, or light open flames near the 12V battery.

■ Jump starting

1. Turn off all unnecessary electrical equipment and ensure there is no contact between the vehicles if the auxiliary battery is installed in another vehicle.
2. Connect the cables in the order as shown in the following figure.



7. Vehicle emergency

1. Connect the positive terminal (+) of the dead battery to the positive terminal (+) of the supporting battery with a positive wire;
2. Connect one end of the negative wire to the negative terminal (-) of the supporting battery, and then connect the other end to an unpainted metal part of the vehicle with a dead battery to secure the jumper wire.
3. After starting, lightly step on the accelerator pedal to let it run for a few minutes.
4. Remove the cables in the reverse order of connection (remove the negative cable first and then the positive cable).
5. If there is no coolant leakage and the antifreeze level in the expansion reservoir is normal as well, contact an authorized service station of Chery NEV for maintenance as soon as possible.
6. After the coolant temperature drops to the normal level, check the coolant level in the expansion reservoir again. When necessary, fill coolant once again. Serious leakage of coolant indicates the system leaks, please contact an authorized service station of Chery NEV for maintenance.
7. After the vehicle is stopped in summer, the cooling fan usually runs automatically, even for a long period of time. This is normal. After the temperature of the drive motor or the control unit cools down to a temperature at which the cooling fan is not needed, the fan will turn off automatically.



Caution

- Do not tilt the battery while making connections.
- During the lapping process, do not shift to driving mode and ensure that the vehicle is in parking mode.
- Never allow the contact between jumper clips or between jumper clip and other metal parts on the vehicle.
- If the first start fails, check the clamp of the jumper cable, and then start the vehicle again in the normal way. If the restart fails again, please contact the authorized service station of Chery NEV for maintenance as soon as possible.



Warning

To prevent personal injuries, keep the hood closed until there is no steam. The outflow of steam or coolant indicates the pressure is high. People should stay away from the running cooling fan.

Vehicle collision accident

In case of a collision accident of the vehicle (including collisions of the front, rear, and left and right sides, and collisions against the ground), power off the vehicle immediately after it is parked, and evacuate the passenger(s).

- In case the high-voltage system powers off as the control system of the vehicle is bumped, the Ready indicator would go off, and the vehicle cannot run further. Please immediately contact an authorized service station of Chery NEV for maintenance.
- If it is unable to estimate the damage level of the vehicle, don't touch the vehicle. Stay away from the vehicle, and immediately contact an authorized service station of Chery NEV for inspection and maintenance. It is important to tell the emergency staff arriving at the scene for the accident that your vehicle is an electrical vehicle and keep others from approaching, touching or moving the vehicle.
- In any case, it is prohibited for any person to carry out maintenance operations on the vehicle when the vehicle is not completely powered off.
- Check whether the high-voltage components and harnesses of the vehicle are damaged or exposed (the positions of the components can be determined against HV Component Layout Diagram). To prevent personal injuries, don't touch any HV harness, connector and other HV components (control unit, power battery, etc.). Don't touch any damaged or exposed harness to prevent high-voltage electric shock hazards. In particular, if the vehicle chassis scratches with the ground, carefully check the HV harnesses distributed on the chassis for any damage. Wear insulating protective clothes (including insulating gloves, shoes, and clothing) that are resistant to a voltage of more than 1,000V when it is necessary to touch any HV cables or components.

Accident handling

Drive motor or control unit overheated

Vehicle overheating actually refers to the coolant temperature is too high. If the motor and MCU overheating indicator on the instrument cluster is on, it means the drive motor is overheating, which should be handled according to the following procedure:

1. Safely drive the vehicle off the road to a safe place, then stop, turn on the hazard warning flashers, and shift the gear to P. If the A/C is on, turn it off.
2. Visually inspect the radiator, the hose and the underside of the vehicle for apparent coolant leakage. However, it is normal to have water drops from the operation of the A/C.
3. In case of coolant leakage, stop the vehicle immediately, and contact an authorized service station of Chery NEV for maintenance as soon as possible.
4. If there is no apparent water leakage, check the coolant expansion reservoir. If there is no coolant in the reservoir, fill coolant into the reservoir to maintain the coolant level between the MAX and MIN scales.

- If any occupant is trapped, cut the vehicle after confirmation by professionals as long as possible. Don't touch the HV cable (the sheath of the HV cables is in yellow or orange) during the cutting.
- If repair or painting of the vehicle is required after collision, it must be conducted at an authorized service station of Chery NEV. Don't disassemble the vehicle by yourself. Prior to painting, remove the HV components such as power battery, HV harness, control unit, etc. This is because the service life of the power battery, if exposed in a painting shop of a high temperature, would be affected. Moreover, if the power battery in the vehicle is not removed, maintenance personnel who haven't received special trainings on electrical vehicles may be exposed to safety hazards.

Fire on vehicle

In case of a fire on the vehicle, immediately park the vehicle, then power it off, evacuate the passenger(s) from the vehicle, and call the police according to the conditions at the scene. Provided the personal safety is guaranteed, carry out the following operations if the conditions permit:

1. In case of smoking or a fire of the power battery harness, spray it with a carbon dioxide or dry powder extinguisher.
2. In case of a fire on the power battery, put out the fire with a HP hydrant from a far distance.
3. In case of smoke inhalation, evacuate and seek medical attention as soon as possible.
4. Immediately contact an authorized service station of Chery NEV to consult for further treatment of the power battery of the vehicle.



Warning

Electrolyte leakage or damages of the power battery may lead to a fire. In this case, immediately contact an authorized service station of Chery NEV for maintenance. Don't touch any leaked electrolyte with your hands. If your skin or eyes come into contact with the electrolyte, rinse with plenty of water and seek medical attention immediately. If your vehicle is on fire, leave the vehicle immediately, and be sure to put out the fire with a HP hydrant.

Wading

When the vehicle is partially or completely submerged in water, power down the vehicle and evacuate in a timely manner. In case of no bubbles or buzzing sounds during the salvage operation, the salvage operation can be performed. If bubbles or sizzling sounds are found, it is necessary to wait until no bubbles or buzzing sounds are found before proceeding with the operation. Professional personnel must use professional equipment for the salvage operation.

Getting out of a stuck situation

When your vehicle is stuck in snow, a muddy pit or other loose road surface, get it out as per the following steps:

1. Turn the steering wheel left and right to make out an area around the front wheels by rubbing.
2. Drive the vehicle forward and reverse repeatedly, minimize wheel spin, and gently step down the accelerator pedal.
3. If the vehicle cannot be rocked out after several attempts, a towing/lifting vehicle is needed.



Warning

Prior to rocking out the stuck vehicle, check if there are any people or obstacles around the vehicle because the vehicle may suddenly move forward or backward during the operation, resulting in damages.

To prevent damages to the motor and other parts, minimize wheel spin when the vehicle is stuck, and pay attention to the speedometer. The speed should not exceed 50km/h, and continuous wheel spin for 30s is not allowed.



Warning

If the wheels spins at a high speed, the tires might burst and injure you or other occupants, and the drive motor or other wheel parts may become overheating, leading to a fire in the front trunk or other damages.

8. Maintenance

Regular maintenance

Regular maintenance

Proper vehicle maintenance is not only conducive to maintaining the vehicle in good condition but also good to the environment. All the recommended maintenance items are very important. An incorrect fluid level or tire pressure may increase the energy consumption of your vehicle. To protect the environment and maintain your vehicle in good condition, be sure to properly maintain the vehicle.



Caution

The maintenance intervals, checks, repairs, and recommended oils and lubricants specified in this manual are necessary to maintain the vehicle in good condition. Any damage caused by not following the regular maintenance requirements is not covered by the warranty.

Maintenance plan

Because people use their vehicles in a variety of ways, maintenance needs are not the same. You may need to increase the inspection and replace frequencies.

If you have any question about how to maintain the condition of your vehicle, consult an authorized service station of Chery NEV. This maintenance plan is applicable to the following vehicles:

- Vehicles transporting occupants and goods within the specified loading capacity.
- Vehicles running on appropriate road surfaces within the speed limits specified by the regulations.

Use the correct fluids during vehicle maintenance. Before driving your vehicle, you must check all the relevant parts and components, and complete all the necessary repairs. We recommend you to use the original parts and components supplied by an authorized service station of Chery NEV.



Warning

Vehicle maintenance operations are complicated, and can be dangerous. If carrying out some maintenance operations by himself/herself, the driver may be seriously injured. A driver may maintain the vehicle by himself/herself only when he/she possesses adequate technical experiences and have the necessary tools and equipment. If not sure, go to an authorized service station of Chery NEV for maintenance.

Maintenance by vehicle owner

In addition to the above maintenance items, vehicle owners should also often perform some simple checks. Here are some suggestions for you:

Daily check

- Function of lights, horn, windshield wipers, washer and warning lights.
- Function of seat belts and brakes.
- Residual liquid traces under the body, indicating leakage.
- Tire appearance.

Weekly check

- Coolant level
- Brake fluid level.
- Windshield washer fluid level.
- Pressure and condition of tires.
- Operating the air conditioning system.



Caution

Upon discovery of an apparent or sudden drop of fluid level or uneven tire wearing, you should immediately contact an authorized service station of Chery NEV for maintenance.

Prevention of accidental vehicle fires

1. It is prohibited to store inflammables (including lighters) in the vehicle; flammable and explosive items can cause a fire due to expansion or blasting under external heat.
2. Don't install any decorative lights other than the original lights equipped with the vehicle. When an electrical device beyond the rated capacity is used, the harnesses are liable to short circuit due to an excessively large load, which may result in a fire.
3. When additional wires are installed for multimedia modification, the heat produced between wires of different capacities may cause a fire.
4. Don't use any bulbs other than those specified. When bulbs beyond the rated capacity are used, a fire may occur due to overloading.
5. After smoking, confirm if the butt has completely gone out. If not, a fire may occur.

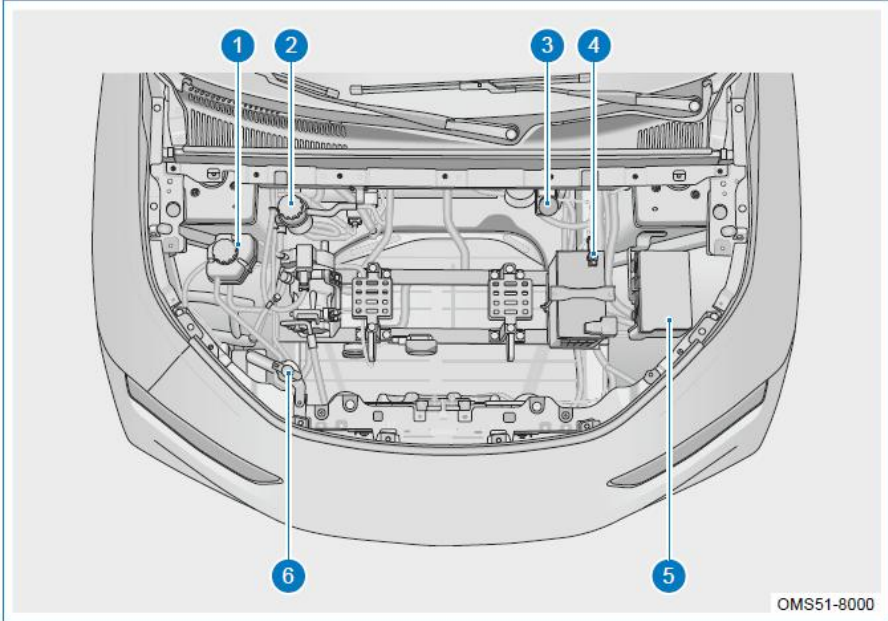
■ Toxic liquids

The liquids used in the vehicle are toxic, and cannot be swollen or come into contact with any unhealed wound.

Toxic fluids include: Acidic solution in low-voltage battery, coolant, brake fluid, and windshield washer fluid.

For the safety of drivers, please carefully read and follow the instructions on the printed labels and reservoirs.

Front trunk view



- | | | | | | |
|----------|-----------------------------------|----------|-------------------------------------|----------|------------------------|
| 1 | Expansion reservoir (drive motor) | 2 | Expansion reservoir (power battery) | 3 | Brake fluid reservoir |
| 4 | 12V battery | 5 | Front trunk electrical box | 6 | Washer fluid reservoir |



Some models are equipped with a front trunk decorative cover. Remove the front trunk decorative cover to reveal the front trunk view.

Reading

Cooling system

The function of the cooling system is to ensure that the power battery, the drive motor, the control unit, and the vehicle charger work at the most appropriate temperature under all conditions.



Please follow the relevant environmental protection laws in the disposal of used coolant.

Reading



Warning

- Even if the vehicle is not started, the cooling fan under the hood can start and cause injuries. Therefore, keep both hands, clothes and tools away from the cooling fan under the hood.
- The heater and radiator hoses and the following parts and components may be very hot. Don't touch these parts and components. Otherwise, you may be scalded. Don't run the vehicle when the coolant leaks. If the vehicle is driven, all coolant may lose. This would result in a fire, and you may be burnt. Hence, repair all leak points before driving.

Check the coolant

To check the coolant level, the vehicle must be parked on a flat ground. Check if the coolant level in the coolant expansion reservoir is between the MAX and MIN scales. If the coolant in the expansion reservoir is boiling, don't conduct any operation until it cools down. If the coolant level is lower than the MIN scale, fill coolant into the expansion reservoir in accordance with the specified procedure.

8. Maintenance

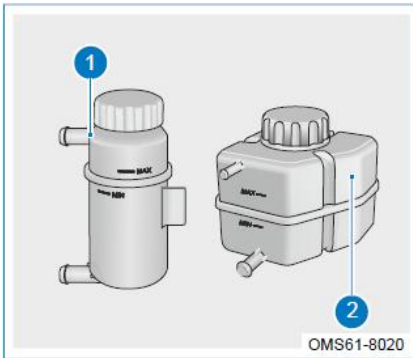
Add coolant

1. Slowly turn the coolant expansion reservoir cap counterclockwise. If hiss sounds are heard, wait until the sounds disappear, and then open the cap. Hiss sounds indicate the presence of pressure inside.
2. Keep turning the expansion reservoir cap, and take it off.



Warning

The high-temperature steam in the cooling system and the boiling liquid may splash, bringing you serious burns. They are under pressure. Once you unscrew the coolant expansion reservoir cap, even if just open a little bit, the boiling liquid may splash out. Don't unscrew the pressure cap when the cooling system, including the coolant expansion reservoir cap, is still hot. To open the pressure cap, you must open it after the cooling system and the coolant expansion reservoir cap cool down.



- 1 Coolant expansion reservoir (power battery)
- 2 Coolant expansion reservoir (drive motor)

3. Fill the coolant expansion reservoir with an appropriate amount of coolant, and add coolant up to the "MAX" and "MIN" scales.
4. After the vehicle is driven for some time, observe whether the coolant level in the coolant expansion reservoir has decreased, replenish the coolant in time, and keep the coolant level between the MAX and MIN scales.



Caution

- Don't mix coolants of different brands and specifications. Coolants of different brands are added with different types of preservatives, anti-rust agents and other chemical components. Their mixture is liable to chemical reactions, causing sedimentation, scaling, corrosion and other hazards, thus affecting the service life of the vehicle.
- If the pressure cap is not tightened, it may cause loss of the coolant, damaging the drive motor. Ensure the pressure cap is properly tightened.
- If the coolant level drops significantly in a short period of time, the cooling system may be leaking. Contact an authorized service station of Chery NEV for maintenance as soon as possible.



Warning

- The high-temperature steam in the cooling system and the boiling liquid may splash, bringing you serious burns. The steam and liquid are under pressure. Once you unscrew the pressure cap of the coolant expansion reservoir, even if just open a little bit, the boiling liquid may splash out. Don't unscrew the pressure cap when the cooling system, including the pressure cap of the coolant expansion reservoir, is still hot. To open the pressure reservoir, you must open it after the cooling system and the pressure cap of the coolant expansion reservoir cool down.
- If any coolant splashes onto any high-temperature parts or components, you may be burnt. The coolant contains ethylene glycol, which would burn if the component is hot enough. Therefore, don't splash the coolant onto the control unit, drive motor and other high-temperature parts and components.

Brake system

- A vehicle with good braking performance requires that when driving at any speed, it can reduce the speed or stop quickly in a short time and a short distance by braking. A good braking efficiency plays an important role in improving the average speed of vehicles and ensuring the driving safety.
- Worn brake pads cannot effectively brake the vehicle, and the wearing degree of brake pads mainly depends on the operating conditions of the vehicle and the driving mode. If you often drive in urban areas or for short distances, it is recommended to increase the frequency of checks on the thickness of the brake pads based on the maintenance cycle.
- When the brake pedal is stepped down, the front and rear brakes act simultaneously, and there is squealing sound occasionally during braking, which is a normal phenomenon due to environmental factors such as wet road surface, cold, rainy and snowy days, etc. In particular in rainy and snowy days when the temperature is low and the speed is slow, this happens more often at the moment when braking is about to stop. This is a normal phenomenon that cannot be avoided, and the reliability of the brake system will not be affected.

- If the brake pedal travel increases too fast, immediately contact an authorized service station of Chery NEV for maintenance. This might be a signal that maintenance of the brake system is needed.



Caution

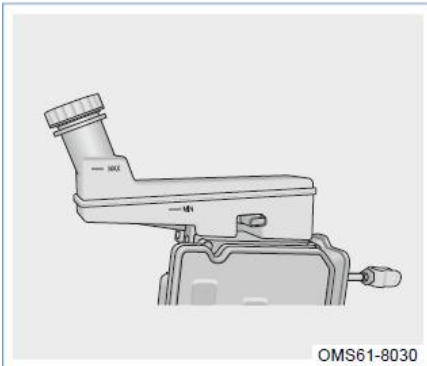
- Braking is realized by the friction between brake disc and brake pad, which is the process of converting kinetic energy into thermal energy, so heat is generated, and heating of the brake disc after braking is normal.
- After parking, don't touch the brake disc with your hands to avoid scalding.



Warning

- Don't apply the emergency brake when the vehicle is driven on a narrow or muddy road or a road with rainwater, snow or ice. After the vehicle passes through a road section with water, continuously step on the brake pedal several times to clear the water on the brake pad, to properly reinstate the brake.
- In the first 200km to 300km, the new brake pad does not have the best friction characteristics, so it must be run in, and the braking effect is slightly decreased in this stage. The braking effect can be compensated by increasing the stepping force applied on the braking pedal. After replacement, the new brake pad shall also be run in according to the above requirement.
- During driving, don't be too close to other vehicles or get into any situation requiring emergency braking, especially when driving with new tires and a new brake pad. Prevent the above situations to avoid accidents.

Brake fluid



The brake fluid level must always be between the MAX and MIN scales.



Caution

- If brake fluid is added when the brake pad is worn, brake fluid stored in the reservoir would be excessive after a new brake pad is installed. Only after completion of the repair of the brake hydraulic system, brake fluid can be added or reduced as needed. When brake fluid drops to a low level, the brake system failure indicator on the instrument cluster is on.
- If brake fluid splashes onto a painted surface of the vehicle, the surface would be damaged. Take care not to splash any brake fluid on the vehicle. If splashed on the vehicle, wash it off immediately.
- It is recommended to use the brake fluid of the same brand and the same specifications (a mixture of fluids of different brands may cause the fluid to deteriorate).

There are two reasons why the brake fluid level in the reservoir drops:

- The brake fluid level drops because of the normal wearing of brake pad. After a new brake pad is installed, the fluid level can be normal again.
- Leakage of brake fluid in the brake hydraulic system can also cause a low brake fluid level. Repair the brake hydraulic system at the time, because the brake cannot work properly due to the leakage.



Warning

- If too much brake fluid is added, the fluid may splash onto a high-temperature part/component, and if the temperature is high enough, a fire would break out, burning you or others and damaging the vehicle. Therefore, brake fluid can only be added to the MAX scale after completion of the repair of the brake hydraulic system.
- Keep brake fluid in a sealed, original container only, and keep it out of reach of children, otherwise there is a risk of poisoning! In order to ensure the normal operation of the brake system, only the brake fluid recommended by the manufacturer is allowed.
- The use of used brake fluid or brake fluid not suitable for the vehicle would greatly reduce the braking effect, and even lead to a failure of the brake system or components! We do not assume any responsibility (including quality warranty) for any vehicle failure and loss so caused.
- Too old brake fluid produces bubbles in the brake during braking with considerable force. So the braking effect is affected, thus endangering the safety of driving and leading to a risk of traffic accidents!

8. Maintenance

LV battery

Use and maintenance of Low-voltage battery

In order to extend the service life of the LV battery and maintain the normal operation of the electrical system of the vehicle, the following suggestions are provided:

- Prevent overcharging or long-term loss of power of the LV storage battery.
- When the voltage of the LV battery is insufficient, the light is dim, and the start is weak, charge the vehicle from the outside in time.
- Keep the LV battery away from heat sources and open flames, and maintain ventilation during charging and driving to prevent burning and personal injuries.
- Prevent large-current discharge of the LV battery for a long time.
- Firmly install the LV battery in the vehicle to reduce vibration.
- Often check whether the battery terminal clamps are secured and effectively contacted to prevent sparks that may result in a battery explosion. Oxides and sulfates produced by the clamps of the LV battery must be scraped, and the clamps must be applied with petroleum jelly to prevent further corrosion.



Reading

After replacement, give the old LV battery to the authorized service station of Chery NEV for treatment or to a recycling point meeting the relevant environment protection laws. As corrosive acidic solution is contained in the LV battery, keep its front side up during transportation and storage.



Caution

- When the vehicle is driven in a cold region, avoid full discharge of the LV battery to prevent the electrolyte from freezing.
- The posts, terminals and related accessories of the LV battery contain lead and lead compounds, and these chemicals are harmful to health. Therefore, wash your hands after contact.
- To replace the LV battery, a LV battery of the same model and specifications must be used. Please contact an authorized service station of Chery NEV to maintain, replace and install LV batteries.

Battery replacement

To replace the battery, a battery of the same model and specifications must be used. Please contact an authorized service station of Chery NEV to maintain, replace and install storage batteries.



Environmental protection

After replacement, give the old storage battery to the authorized service station of Chery NEV for treatment or to a recycling point meeting the relevant environment protection laws. As corrosive acidic solution is contained in the battery, keep its front side up during transportation and storage, and be careful not to let the battery falling onto the ground.



Warning

The acidic solution in the LV battery can cause burns, and the gas it produces explosive. If being negligent, you may be seriously injured.

Storage of vehicle

The vehicle is equipped with the smart charging function to automatically charge the LV battery when its voltage is low. However, there is a minor current consumption in the circuit system of the vehicle in the course of parking, and the power battery is consumed when the vehicle has been stationary for a long time. Therefore, if the vehicle is to be stored for a long time, remove the black negative cable from the LV battery to prevent the power battery from discharging.

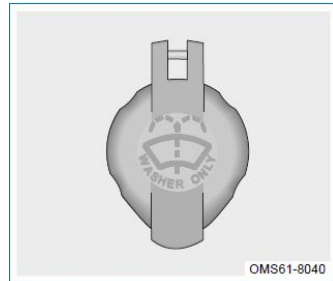


Caution

When the vehicle is driven in a cold region, avoid full discharge of the LV battery to prevent the electrolyte from freezing.

Washer fluid

When filling the windshield washer fluid be sure to read the manufacturer's instructions before use. If the temperature in the region where you drive may drop below zero Celsius, use a washer fluid that is highly resistant to frost.



If no washer fluid comes out of the nozzle, stop the cleaning operation and check whether more washer fluid needs to be added. If it still does not work properly after adding washer fluid, please contact the authorized service station of Chery NEV for maintenance.

**Caution**

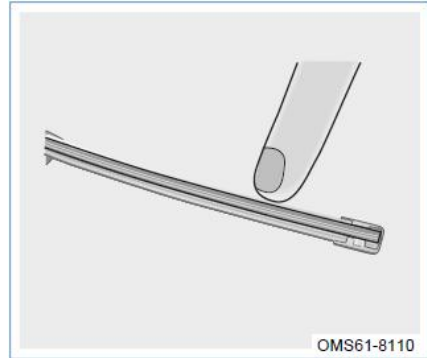
- To use a concentrated washer fluid, dilute it with water in accordance with the manufacturer's instructions.
- Don't add water into a ready-to-use washer fluid. Adding water may cause the washer fluid to freeze, damaging the washer fluid reservoir and other parts of the washer system.
- When the weather is very cold, the washer fluid reservoir can only be filled to three quarters of its capacity, allowing for an expansion room when the washer fluid freezes, so as to avoid damages to the reservoir due to freezing expansion after it is fully filled.
- Don't fill any coolant (antifreeze) in the windshield washer, otherwise the windshield washer system and painted finishes of the vehicle would be damaged.

Wiper**Maintenance of wiper blade**

- Don't use the wiper blades on a dry windshield, otherwise scratches would be made on the windshield and the wiper blades would be permanently damaged.
- If there are solid particles such as air-dried soil and insect on the windshield, wipe it clean with a wet rag in time. Don't wipe with a dry rag or directly scrape with the wiper blade, otherwise the glass and the wiper blade would be damaged.
- Even if it is not raining, it is recommended to wipe the wiper blade once every two days. If it will not be used for a long time, it is recommended to lift the wiper blade to prevent the wiper blade strip from deforming.
- After the vehicle is washed at an automatic car wash, rinse the windshields and wiper blades with pure water to remove the residual wax coat.

Don't use a high-pressure water gun to directly wash the wiper blades, as it may cause deformation of the wiper blades.

- Do not use fuel, nail polish remover, paint thinner or similar liquids to clean the windshield, as these substances will damage the wiper blades.
- To prevent the formation of streaks, regularly clean the wiper blades with cleaner. It is recommended to clean once a week.
- For the sake of safety, it is recommended to replace the wiper blades once or twice a year. You can purchase wiper blades at an authorized service station of Chery NEV.

Check wiper blades

Slide your fingers along the edge of a wiper blade to check its roughness. A too rough edge would affect the wiping effect of the wiper blade.

**Caution**

- To prevent any damage to the wiper blades in winter, ensure that the wiper blades are not frozen on the windshields.
- Grease, silicone and fuel may make the wiper blades not function properly. It is recommended to clean the wiper blades with glass cleaner.

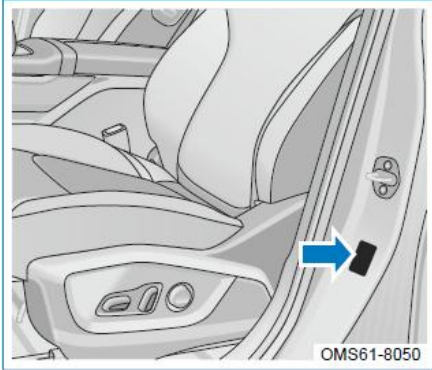
Usage of wiper

- In the cold season, you need to check the wiper blades to confirm that they are not frozen on the windshield before use. If they are frozen on the windshields, defrost them before use, otherwise the wiper motor and wiper blades would be damaged. For defrosting, heat with the A/C and the ventilator. Don't flush the wiper blades directly with hot water, which would make the windshield glass crack or deform the wiper blades.
- If sundries, such as snow, leaves and branches, are left on the windshield, they should be removed before operating the wiper.
- Fill the washer fluid as scheduled, and use the windshield washer fluid specified in the Manual. Don't substitute it with tap water.
- Don't swing the wiper arms too hard as the wipers might be damaged.

8. Maintenance

Tire

Check tire pressure

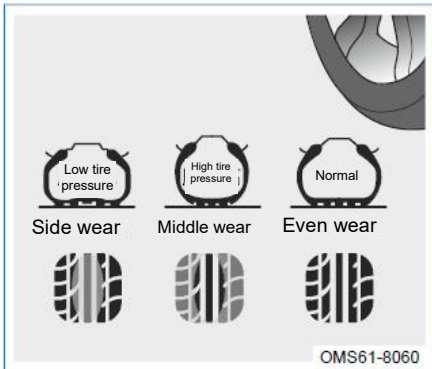


Check the tire pressure (including spare tire) at least once a month and correct pressure as needed.

For tire pressure regulations, please refer to the tire pressure label on the B-pillar on the driver's side for detailed information (subject to the actual vehicle).

Improper tire inflation will result in excessive fuel consumption, shortened tire life, and reduced vehicle stability. Please maintain proper tire pressure when driving.

Please maintain appropriate tire pressure, otherwise the following cases may occur and cause accidents and event personal injury or death:



- Excessive wear.
- Poor maneuverability
- Uneven wear.
- Poor tire bead sealing.
- Wheel deformation or tire detachment.
- The tire may burst due to overheating.
- Poor road conditions are more likely to cause tire damage.

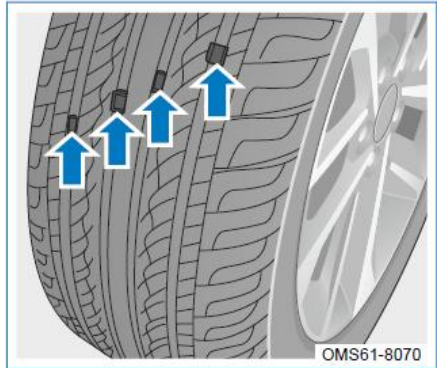


Caution

- A tire pressure gauge should be used to check the tire pressure when the tire is cold, and the tire surface should be checked visually to determine that the tire pressure may not be accurate.
- It is normal for the tire pressure to increase after the vehicle has been driving for a period of time.
- Ensure that the tire valve cap is installed properly, otherwise dust may enter the valve core and cause blockage. If the valve cap is lost, please install a new valve cap immediately.
- If the tires are to be inflated frequently, please go to the authorized service station of Chery NEV for overhaul.

Tire checking

Regularly check the tire surface for cuts, foreign matter and uneven wear.



Check the tire tread according to the wear mark on the tread. After the tire tread wear reaches a certain limit, the tread will be on the same plane as the wear zone. When the wear zone is on the same plane as the tread, the performance and safety of the tire will be greatly reduced, and it is necessary to replace the tire.

Tires should be replaced if they frequently go flat or cannot be repaired properly due to cuts and other damage.



Environmental protection

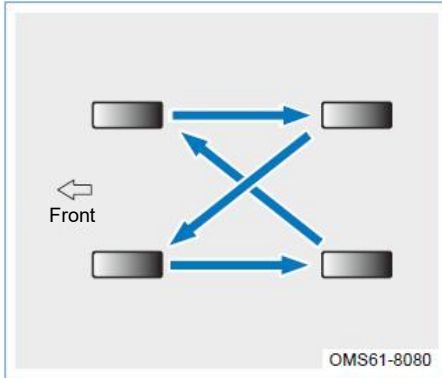
Don't discard waste tires without permission, but dispose of them in accordance with local environmental regulations.



Caution

If the tire leaks during driving, do not continue driving, as even a short driving distance may cause irreparable damage to the tire.

Tire rotation



In order to make the tires wear evenly and extend their service life, the tires need to be rotated regularly. It is recommended to replace the four wheels every 10,000km. The tire rotation time varies depending on the driver's driving habits and road conditions.

**Warning**

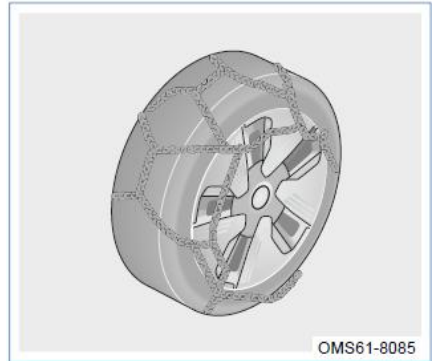
Please observe the following precautions, otherwise it will affect the vehicle's operating performance, causing an accident, resulting in serious injury or even death:

- The speedometer is affected by the size of the tires used. If the tire size (diameter) is different from the original one, it will not be able to display the accurate speed and may cause a safety accident. Such accidental losses are not covered by the warranty.
- Do not mix tires from different manufacturers and tires of different models or tread patterns;
- Do not mix tires with significantly different levels of wear;
- Don't mix tires with different structures (radial tires, bias belted tires or diagonal-ply tires);
- Do not use tires used by other vehicles;
- Do not use tires with unknown usage conditions.

Tire chain

**Caution**

Chains are not included in the supply scope of the vehicle. The following information is for your reference only.



You should decide whether to add chains according to the actual road needs.

When tire chains are used, avoid fully loading the vehicle as long as possible. Moreover, be careful, and drive slowly. Otherwise, the vehicle or the maneuverability of the vehicle would be damaged.

To install tire chains, chains with size suitable for the tires of your vehicle must be used, and install in strict accordance with the manufacturer's instructions.

**Caution**

To reduce the risk of accidents, please observe the following precautions, otherwise the vehicle may not be able to drive safely and may cause serious injury or even death.

- Regulations for the use of tire chains vary depending on the location and type of road. Always check local regulations before installing tire chains.
- Be sure to use tire chains that are suitable for the car you purchased. Installing tire chains will affect vehicle control. Please drive with caution. Using inappropriate tire chains or improper installation may cause accidents and result in injuries.
- Please follow the instructions provided by the tire chain manufacturer when installing and removing the chains. Park the vehicle in a safe area before installation and removal. Power down the vehicle before installing tire chains, and traffic warning signs must be set up if necessary.

8. Maintenance



Caution

- When driving with tire chains installed, the vehicle speed should not exceed 30km/h or the speed limit specified by the tire chain manufacturer, whichever is lower. If tire chains are installed, avoid dangerous road conditions such as bumps, potholes, and sharp turns. Do not turn the steering wheel suddenly, lock the brakes in an emergency, accelerate or decelerate suddenly.
- For larger tires, stop using tire chains if the installation of tire chain interferes with the vehicle.

In case of a flat tire

When you have a flat tire during driving, the following phenomena will occur, and you should take the corresponding actions based on different conditions:

1. In case of a flat front tire, the dragging action of the flat tire would make the vehicle deflect towards the side of the tire. Release the accelerator pedal, and firmly grip the steering wheel. Steer the vehicle to keep it in the former lane, then gently step down the brake pedal, and park the vehicle in a safe roadside area as long as possible.
2. In case of a flat rear tire, release the accelerator pedal. When you get a flat rear tire on a curved road, its action is just like side slipping. Take the same measures for side slipping. Turn the steering wheel to the direction that you want to run the vehicle, to maintain the control over the vehicle. It might be bumpy and noisy, but you can still control the steering. Then gently step down the brake pedal, and park the vehicle in a safe roadside area as long as possible.

It is unusual to have a flat tire in the course of driving, especially when the tires are properly maintained.

When a tire is found leaking slowly, act as per the following steps:

1. Slowly drive the vehicle to a safe flat place to avoid further damages to the wheel and tire.
2. Turn on the hazard warning flashers.
3. Use repair sealant for quick tire repair.



Warning

After using the quick tire repair device, the driving speed should not exceed 80km/h. You are recommended to contact an authorized service station of Chery NEV to check the sealed tire. The authorized service station of Chery NEV can judge whether the tire can be repaired or should be replaced.

Vehicle cleaning and maintenance

Exterior maintenance

■ Basic precautions for exterior maintenance

When using any chemical detergent or polish, read all the warnings and precautions on the label and be sure to follow the instructions on the label.

■ Exterior cleaning

Don't put cleaning materials into domestic wastes. Please use local designated waste disposal facilities.



Environmental protection

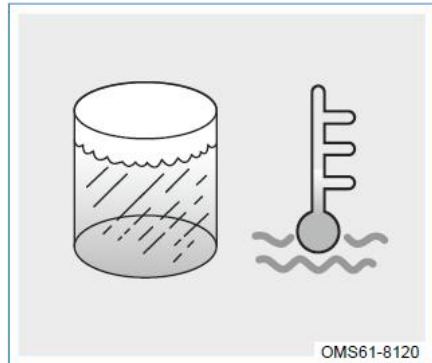
- Please use a car wash area with a drainage system that does not impose damages to the ecology.
- The most important factor for protection of the paint finishes of the vehicle is cleaning with clean water.



Caution

- Don't use strong soaps, chemical cleaners, or hot water, and don't wash the vehicle in direct sunlight or when the body is hot.
- When cleaning the side doors and windows of the vehicle, be careful not to use a high-pressure washer to directly aim at the side doors and windows to prevent water from seeping through the doors and windows and wetting the interior.
- To avoid damaging the plastic parts, don't clean them with chemical solvents or strong cleaners.

■ Cleaning water



Wash your vehicle only with cold water or slightly warm water.

■ Brushless washing

The best way to wash your vehicle is brushless washing. Reduce the use of or try not to use car washes operating with HP water to avoid the strong water flows sprayed into the vehicle.

■ Manual washing

If car shampoo is used, wash with plenty of water and dry with a cloth.



Caution

After the vehicle is washed, gently step on the brake several times to get rid of water on the brake disc.

■ High pressure washing

When you use a pressure washer to wash your vehicle, be sure to operate in accordance with the operation instructions provided by the washer manufacturer, and pay attention to the operating pressure and washing distance in particular. Never use a multi-channel nozzle or rotary nozzle to directly spray rubber or plastic rubber strips such as door and window seals.

■ Headlight cleaning

To avoid damaging the headlight plastic lenses, don't use any invasive abrasives or chemical solvents. Don't wipe the lights or use sharp objects to clean the lenses while the mirrored surface is dry. Don't wash the tail of the headlights with a pressure washer to prevent water from entering the headlights.

■ Cleaning the rear windshield

When cleaning the rear windshield, wipe it only with soft cloth to prevent damaging the heating components. Don't use any solvents or sharp objects to clean the inside of the glass.

■ Wheel cleaning

Wheel cleaning should depend on mileage, and it is recommended to clean the wheels once a week to avoid dust retention during braking. Clean the wheels with wheel cleaner, warm water and soft sponges. Don't use any abrasive materials to prevent damaging the wheel surface and rims.

■ Cleaning supplies

For best results, use car care products correctly.

■ Paint finish waxing

When waxing, there should be no water droplets on the paint finish, and high-quality liquid or paste waxes shall be used in accordance with the manufacturer's instructions. All metal trims should be protected by wax to maintain their brightness. Using a stain remover to remove any engine oil, tar or similar substances that may damage the wax coat. Such areas must be rewaxed.



Caution

- Wiping dust or dirt on the body with a dry cloth can damage the paint finishes.
- Don't use fiber wires, abrasive cleaners or strong cleaners with a large alkali or corrosive content to clean chrome-plated or anodized aluminum parts, as this will damage the protective coating, causing fading or deterioration of the finish.

■ Paint peeling treatment

In case the paint finish is damaged or slightly scratched by gravel on roads, treat it at an authorized service station of Chery NEV.



Caution

To ensure the durability of the vehicle paint finish, remove damaging substances on the paint finish in time, such as: bird droppings, resin, insect residues, asphalt stains, road snow removal salt and industrial drift.

Maintenance of bright metals

- Use tar remover to remove road tar, insects, etc., and don't use scrapers or other sharp objects.
- Apply a coat of wax or chrome protective agent and polish to protect the surface of the bright metals from corrosion.
- In cold or coastal areas, apply a thick coat of wax or protective agent to bright metal parts. If necessary, apply non-corrosive petroleum jelly or other protective agents.

Alloy wheel maintenance

Alloy wheels require regular maintenance to maintain their good appearance. In particular, anti-skid salt and abrasive dust due to braking on the wheels need to be removed regularly. Alloy wheels must be cleaned with an acid-free cleaning agent, otherwise, their surface finish will be affected. Do not treat wheels with automotive polish or other abrasives. If the surface protective layer of the alloy wheel is damaged (such as stone impact), it must be repaired in time.

Every two weeks:

- Remove anti-skid salt and abrasive dust due to braking from alloy wheels.
- Clean the wheels with acid-free cleaner.

Every three months:

- Apply hard wax to the wheels.

Maintenance of underside of the vehicle

- It is used to remove ice, snow and corrosive substances attached to the bottom of the vehicle. If they are not removed in time, the underside components, such as fuel lines, frames, floors and exhaust systems, would be rusted, even after antirust treatment.
- Thoroughly rinse the underside of the vehicle and the wheel houses with warm or cold water at least once a month, especially when the vehicle has been driven in the outdoors and at the end of each winter. Pay special attention to these places where the dirt is not easy to see. Splashing dirt wet with water will not completely remove it but cause even greater harm. There is a drain hole at the lower edge of the doors, under the front windshield and on the frame. Keep the drain holes clear of dust as water accumulated at these positions would result in rusting.

8. Maintenance

Rust prevention

- Keeping the vehicle clean
 - The best way to prevent rust is to keep your vehicle clean and remove substances that lead to rusting of the vehicle, and it is important to pay special attention to the underside of your vehicle.
 - If you live in an area prone to rust your vehicle, such as salty roads, offshore areas, industrial pollution areas, and areas with acid rain, you need to strengthen rust prevention measures. In winter, clean the bottom of the vehicle at least once a month, and be sure to clean out the underside of your vehicle after winter.
 - When cleaning the bottom of the vehicle, pay special attention to the parts at the bottom of the fenders and other hard-to-see areas. To completely remove debris, just wetting the dirt without thoroughly washing would only accelerate rusting rather than prevent rust. HP water and steam are particularly effective for removing dirt and rusting materials.
 - When cleaning the lower door panels, the underpart of the front windshield and the frame members, keep the drain holes clear to drain off water and moisture, so that water and moisture would not be left inside, accelerating the rusting.
- Keeping the garage dry
 - Don't park your vehicle in a wet and poorly ventilated garage. This environment provides favorable conditions for the vehicle to rust.
- Keeping the paint finish and trim panels in good condition
 - Touch up the scratched or collided paint finish, if any, with repair paint immediately to reduce the possibility of rusting. If the metal is exposed, it is recommended to go to the authorized service station of Chery NEV for repairing.
 - Bird droppings are highly corrosive, and can damage the paint finish just in a few hours, please remove them promptly.
- Don't omit the interior
 - Moisture may accumulate under the floor mats and carpets, leading to corrosion. Check floor mats regularly to make sure the carpet is dry.
 - Take special care when transporting fertilizers, cleaning materials or chemicals with the vehicle. Use suitable containers in transporting those goods, and in case of spilling or leakage of the goods, clean and wash with clean water, and let it be thoroughly dry.

Interior maintenance

- Basic precautions for interior maintenance
- Prevent corrosive solutions such as perfume, glue or cosmetic oil from coming into contact with the dashboard, which may cause damage or discoloration of the interior. If they come into contact with the dashboard, wipe it off immediately.



Caution

Use neutral detergent or low-alcohol content solutions to clean leather products such as steering wheels and seats. If you use high-alcohol content solutions or acidic/alkaline detergents, the color of the leather will fade or the surface will peel.



Warning

Do not allow water or other liquids to come into contact with the electrical connectors or electronic components in the car, otherwise the electrical or electronic components may be damaged.

Cleaning interior trims

- Plastic products
- Use a dust brush or vacuum cleaner to remove dust and loose dirt from plastic products, and use plastic cleaner to clean the surface of plastic products.
- Fiber part
- Use a small broom or vacuum cleaner to remove dust and loose dirt from the fiber cloth, and then use a mild soap solution to clean the decoration or carpet. New stains found should be removed immediately with fiber stain cleaner. If they are not removed immediately, the dirt may invade the fiber and affect its color, and if the fiber material is not properly maintained, its fire resistance will be reduced.



Warning

Improper operation may affect the appearance, color and fire resistance of the fiber.

- Clean seat belts
- Use a mild soap solution to clean seat belts following manufacturer's instructions. Do not bleach or dye the seat belt as this will weaken its performance.
- Clean inner part of the door and window glass.
- If the inner side surface of the vehicle glass is cloudy (i.e. covered with oil, grease or wax), it should be cleaned with a glass cleaner, following the instructions on the glass cleaner container.

Regular maintenance

10,000km for the first maintenance

10,000km for the first maintenance

Maintenance card

Date: _____

Mileage: _____


Nature of use: _____

License plate number: _____

Seal of service station

User signature: _____



 奇瑞新能源 CHERY NEW ENERGY	
User Information	
User name	
Address	
Tel.	
Employer	
E-mail	
Purchase date	
Nature of use	
License plate number	
Vehicle data	
Vehicle identification number (VIN)	
Model	
Drive motor number	
Power battery number	
Seal of service station	

Note: The vehicle will be maintained for the first time after driving for 10,000km or within 12 months of purchase, whichever comes first.

Regular maintenance

The first maintenance is after the vehicle has been driven for 12 months or 10,000km (whichever comes first). The regular maintenance interval is 12 months or 10,000km (whichever comes first) of driving. Please go to the authorized service station of Chery NEV for maintenance according to the specified mileage requirements.

Maintenance interval (subject to the earlier of odometer reading and months)	Time (month)	12	24	36	48	60	72	84	96	108	120
	x1,000km	10	20	30	40	50	60	70	80	90	100
Electrical inspection											
Instrument indicating system		I	I	I	I	I	I	I	I	I	I
Audio system		I	I	I	I	I	I	I	I	I	I
Inspection using diagnostic apparatus		I	I	I	I	I	I	I	I	I	I
Transmission and suspension											
Shock absorber		I	I	I	I	I	I	I	I	I	I
Drive shaft and dust cover		I	I	I	I	I	I	I	I	I	I
The torque of chassis bolt		I	I	I	I	I	I	I	I	I	I
Steering											
Steering gear		I	I	I	I	I	I	I	I	I	I
Steering column		I	I	I	I	I	I	I	I	I	I
Steering gear tie rod, ball head and dust cover		I	I	I	I	I	I	I	I	I	I
Chassis and brake inspection											
Torque of chassis fastener		I	I	I	I	I	I	I	I	I	I
Pipes, hoses and related components of brake system		I	I	I	I	I	I	I	I	I	I
Transmission shaft, ball pin sleeve		I	I	I	I	I	I	I	I	I	I
Inspection of vulnerable and consumable parts											
Tires: tread pattern depth, nut torque, tire pressure ¹		I	I	I	I	I	I	I	I	I	I
Lighting system, electric horn, wiper system		I	I	I	I	I	I	I	I	I	I
Air conditioning inspection											
Cooling effect		I	I	I	I	I	I	I	I	I	I
A/C system		I	I	I	I	I	I	I	I	I	I
A/C filter		R	R	R	R	R	R	R	R	R	R
Oils and Fluids											
Coolant level		I	I	I	I	I	I	I	I	I	I
Coolant freezing point		I	I	I	I	I	I	I	I	I	I
Coolant		Replace the coolant (including drive motor cooling system and power battery cooling system) every 2 years or 40,000km of driving.									
Brake fluid level low		I	I	I	I	I	I	I	I	I	I

8. Maintenance

Maintenance interval (subject to the earlier of odometer reading and months)	Time (month)	12	24	36	48	60	72	84	96	108	120
	X1,000km	10	20	30	40	50	60	70	80	90	100
Brake fluid water content											
Brake fluid	Replace the brake fluid every 2 years or 40,000km of driving.										
Reducer oil	Replace the reducer gear oil every 2 years or 30,000km after first driving, and every 3 years or 40,000km thereafter.										
LV system check											
LV harness											
LV harness connector											
Battery											
HV system check											
Power battery	Check the power battery every 5,000km of driving.										
Appearance of power batteries and their trims											
HV harnesses and connection between HV harnesses various and HV components, motor LV control harnesses											
Heat dissipation of charger and DC/DC converter											
Power battery system											
Vehicle control unit											

Explanation of symbols in the table:

I: Inspection (inspection, cleaning, repair, adjustment, lubrication, and replacement if necessary)

R: Replacement

*1: If necessary, perform wheel alignment or tire dynamic balancing. After checking that the tire pressure is normal, press the tire pressure reset button to check if the tire pressure monitoring system is working properly.

If the vehicle is in the following harsh conditions, the items in the maintenance schedule should be replaced more frequently than the recommended time interval.

- Frequent use of brakes and frequent use of emergency brakes.
- Frequent rapid acceleration, deceleration, or high-speed driving.
- Frequently drive in outside temperatures below 0°C or above 35°C.
- Frequently drive on dusty roads, hills, or mountainous areas.
- Special-purpose vehicles such as police cars, taxis, rental cars, or other vehicles for business operations.

Maintenance certificate

Regular maintenance intervals are every 10,000km of driving or 12 months, whichever comes first.

Regular maintenance		
After driving for 20,000km or 12 months after the last maintenance, perform the 20,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station: User signature:
The next agreed maintenance time or mileage		
Date:	Mileage:	

Regular maintenance		
After driving for 30,000km or 12 months after the last maintenance, perform the 30,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station: User signature:
The next agreed maintenance time or mileage		
Date:	Mileage:	

Regular maintenance		
After driving for 40,000km or 12 months after the last maintenance, perform the 10,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station: User signature:
The next agreed maintenance time or mileage		
Date:	Mileage:	

Regular maintenance		
After driving for 50,000km or 12 months after the last maintenance, perform the 20,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station: User signature:
The next agreed maintenance time or mileage		
Date:	Mileage:	

8. Maintenance

Regular maintenance		
After driving for 60,000km or 12 months after the last maintenance, perform the 30,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station:
The next agreed maintenance time or mileage		
Date:	Mileage:	User signature:

Regular maintenance		
After driving for 70,000km or 12 months after the last maintenance, perform the 10,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station:
The next agreed maintenance time or mileage		
Date:	Mileage:	User signature:

Regular maintenance		
After driving for 80,000km or 12 months after the last maintenance, perform the 20,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station:
The next agreed maintenance time or mileage		
Date:	Mileage:	User signature:

Regular maintenance		
After driving for 90,000km or 12 months after the last maintenance, perform the 30,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station:
The next agreed maintenance time or mileage		
Date:	Mileage:	User signature:

Regular maintenance		
After driving for 100,000km or 12 months after the last maintenance, perform the 10,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station:
The next agreed maintenance time or mileage		
Date:	Mileage:	User signature:

Regular maintenance		
After driving for 110,000km or 12 months after the last maintenance, perform the 20,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station:
The next agreed maintenance time or mileage		
Date:	Mileage:	User signature:

Regular maintenance		
After driving for 120,000km or 12 months after the last maintenance, perform the 30,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station:
The next agreed maintenance time or mileage		
Date:	Mileage:	User signature:

Regular maintenance		
After driving for 130,000km or 12 months after the last maintenance, perform the 10,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station:
The next agreed maintenance time or mileage		
Date:	Mileage:	User signature:

Regular maintenance		
After driving for 140,000km or 12 months after the last maintenance, perform the 20,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station:
The next agreed maintenance time or mileage		
Date:	Mileage:	User signature:

Regular maintenance		
After driving for 150,000km or 12 months after the last maintenance, perform the 30,000km maintenance items.		
Date:	Mileage:	Signature and seal of service station:
The next agreed maintenance time or mileage		
Date:	Mileage:	User signature:

8. Maintenance

Airbag system

If your car is equipped with an airbag system, the complete airbag system must be replaced 10 years from the date of use of the vehicle, and the airbag system must be replaced by the authorized service station of Chery NEV.

In order to ensure the normal operation of the airbag system, be sure to go to the authorized service station of Chery NEV to replace the airbag system within the specified time.

If the airbag system is replaced before the specified date (such as after an accident), please fill in the replacement record carefully for future reference (the safety system configuration is subject to the actual configuration of the vehicle).

Replacement record of airbag system	
<input type="checkbox"/>	Driver airbag
<input type="checkbox"/>	Front passenger airbag
<input type="checkbox"/>	Left side airbag
<input type="checkbox"/>	Right side airbag
<input type="checkbox"/>	Airbag control unit
<input type="checkbox"/>	Airbag harness
<input type="checkbox"/>	Dashboard
<input type="checkbox"/>	Other parts
1	
2	
3	
4	
Date	
Signature of authorized service station:	

Replacement record of airbag system	
<input type="checkbox"/>	Driver airbag
<input type="checkbox"/>	Front passenger airbag
<input type="checkbox"/>	Left side airbag
<input type="checkbox"/>	Right side airbag
<input type="checkbox"/>	Airbag control unit
<input type="checkbox"/>	Airbag harness
<input type="checkbox"/>	Dashboard
<input type="checkbox"/>	Other parts
1	
2	
3	
4	
Date	
Signature of authorized service station:	

8. Maintenance

Replacement record of airbag system	
<input type="checkbox"/>	Driver airbag
<input type="checkbox"/>	Front passenger airbag
<input type="checkbox"/>	Left side airbag
<input type="checkbox"/>	Right side airbag
<input type="checkbox"/>	Airbag control unit
<input type="checkbox"/>	Airbag harness
<input type="checkbox"/>	Dashboard
<input type="checkbox"/>	Other parts
1	
2	
3	
4	
Date	
Signature of authorized service station:	

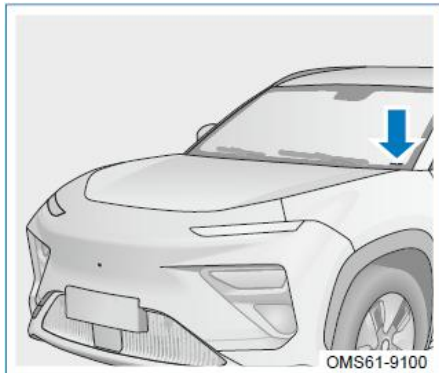
Replacement record of airbag system	
<input type="checkbox"/>	Driver airbag
<input type="checkbox"/>	Front passenger airbag
<input type="checkbox"/>	Left side airbag
<input type="checkbox"/>	Right side airbag
<input type="checkbox"/>	Airbag control unit
<input type="checkbox"/>	Airbag harness
<input type="checkbox"/>	Dashboard
<input type="checkbox"/>	Other parts
1	
2	
3	
4	
Date	
Signature of authorized service station:	

9. Specification

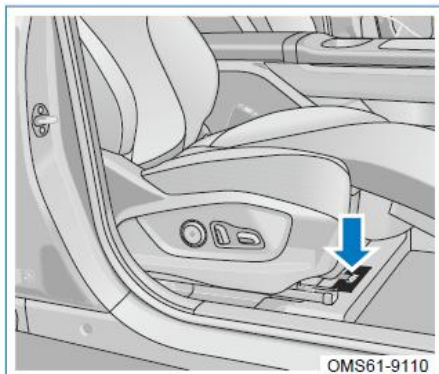
Location of signages

Vehicle identification number

Find the vehicle identification number (VIN)



The VIN is pasted on the left side of the dashboard near A-pillar, which can be seen through the front windshield.



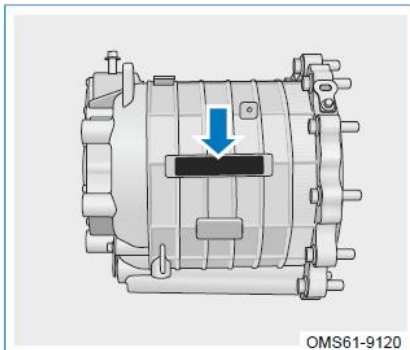
The seat cross beam under the front passenger seat is engraved with the VIN. Move the front passenger seat back to the end and lift the carpet to see it.

9

Caution

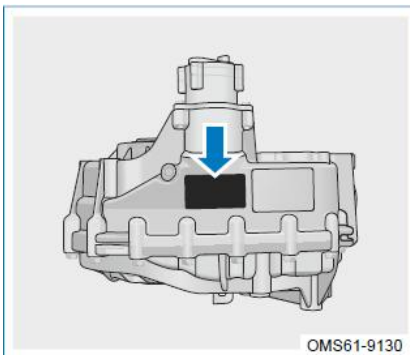
- Don't cover, paint, weld, cut, drill or remove the vehicle identification number or its surrounding area. If the VIN on the body is damaged, please contact the authorized service station of Chery NEV in time.
- When you contact the authorized service station of Chery NEV, you should provide the VIN. If the VIN on the body is damaged, please contact the authorized service station of Chery NEV in time.

Position of drive motor number



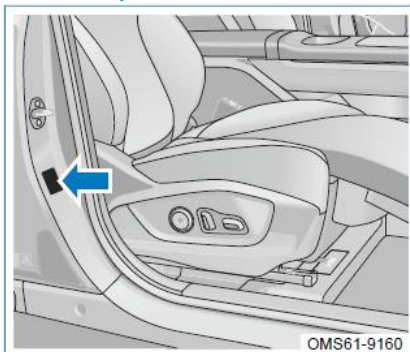
The drive motor number is stamped on the drive motor housing.

Position of reducer label



The reducer label is pasted on the reducer housing.

Vehicle nameplate



The vehicle nameplate is fixed on the right side wall outer plate.

Vehicle specification

Models and Types of the Vehicle

Vehicle model	NEQ6470BEVS61
Vehicle type	M1
Vehicle model	4X2 RWD, front-wheel steering, rear-mounted drive motor, 2 trunks, 5 doors, 5-seat body, LHD
Drive motor model	112AA1
Drive motor type	Permanent magnet synchronous motor
Gearbox model	NEQ128EHA
Gearbox type	AT (central reducer)
Power battery model	113AA2
Power battery type	Lithium iron phosphate battery
Whether external charging is supported	External charging supported
External charging mode	Segmented constant current charging

10. Quality warranty

Quality warranty services

Quality warranty description

Every vehicle sold from a sales and service provider can enjoy a conditional quality warranty. Under normal use and maintenance, if a quality failure occurs within the scope of the quality warranty, the vehicle will be repaired at the authorized service station of Chery NEV, and the user does not have to bear the cost of repairing.

During the quality warranty period, if the vehicle is not used or maintained correctly in accordance with the instructions or is not regularly inspected and maintained as required, or the vehicle and some parts fail due to the failure to use original parts and oils, the warranty will not be valid.

- Family cars: Passenger cars and pickup trucks purchased and used by consumers for daily consumption needs.
- Commercial cars: Passenger vehicles purchased for profit-making purposes, such as for rental, travel, leasing, and online booking.



Reading

- Family cars: Passenger cars and pickup trucks purchased and used by consumers for daily consumption needs.
- Commercial cars: Passenger vehicles purchased for profit-making purposes, such as for rental, travel, leasing, and online booking.

Scope of quality warranty

Quality defects or damages caused by factors such as vehicle design, manufacturing and assembly, and raw material defects are included in the scope of quality warranty.



Caution

- The old parts to be repaired and replaced are in possession of Chery New Energy.
- Please use and maintain the vehicle reasonably in accordance with the provisions of this user manual.
- The user proposes quality warranty to protect the original state of the damaged part and explain the truth.
- Replacement or maintenance of components during the warranty period cannot extend the warranty period for the vehicle or its components.

Beyond the scope of quality warranty

The vehicle is not covered by the quality warranty in case of the following cases or failures.

1. If the user repairs the vehicle or goes to a repair shop other than the authorized service station of Chery NEV for abnormal repairs, the user will lose the quality warranty rights of the relevant parts, and any direct or indirect applications will not be accepted by the authorized service station of Chery NEV. Chery New Energy won't assume any responsibility for vehicle malfunctions caused by the above actions of the user.
2. Chery New Energy won't be responsible for any direct or indirect damage caused by the installation of non-genuine parts.
3. Chery NEV will not bear any responsibilities for any direct or indirect damage caused by the user's unauthorized modification or installation of equipment, especially the modification or installation of: power battery pack assembly, drive system, electrical appliances, braking system, steering system and other systems related to vehicle safety, indirect damage.
4. Faults caused by failure to carry out the required routine inspection and regular maintenance and abnormal repair and maintenance by repair shops other than the authorized service station of Chery NEV, the relevant parts are not within the scope of quality warranty.
5. Under normal circumstances, faults that should be found and dealt with, but are allowed to worsen, are not within the scope of quality warranty. For example, although the system alarm has been detected during routine inspections or abnormal phenomena (sound, vibration) have been felt while driving, the vehicle has not been repaired in a timely manner, but continued to be used with worse faults.
6. Faults caused by not using genuine parts or using products other than specified grease (including brake hydraulic oil and reducer oil) are not covered by the quality warranty.

7. Malfunctions caused by improper operation in violation of the instructions, excessive use beyond the tolerance of the specifications (such as excessive driving while racing, overload operation of the drive motor, overload, exceeding the rated load, exceeding seating capacity, excessive driving speed, etc.) are not covered by the quality warranty.



- To maintain the good operating condition of the vehicle, users have the responsibility to perform necessary repairs and maintenance.
- To maintain the good operating condition of the vehicle, it is necessary to use genuine parts. The authorized service station of Chery NEV will provide you with genuine parts.
- Based on the reasonable use of genuine parts and designated fluids, quality warranty is intended to ensure the quality of vehicle use. If non-genuine parts are used, or although they are genuine parts that are not suitable for this vehicle, or if non-specified fluids are used, the performance of the vehicle will be affected and its durability will be reduced.

The following signs cannot be considered as faults and are not covered by quality warranty:

1. Signs caused by wear and tear or prolonged use (natural fading, deterioration and aging of painted surfaces, electroplated surfaces, resin components, etc.).
2. Under normal circumstances, it is a sensory phenomenon and will not affect the quality and function of the vehicle (for example: the sound made when pressing the brake pedal is mostly caused by friction between the brake linings, not a functional fault).



- Some components will constantly wear and tear with driving and repeated operations. In addition, components such as brake pads that rely on their own consumption to achieve their functions, components that must be consumed in routine driving, and lubricating and cooling oils used in various parts, such as cooling water, will be consumed and deteriorated as the vehicle travels. The painted surface and the dashboard surface inside the vehicle will gradually lose their luster and fade over time. These signs of consumption and changes over time caused by routine driving and operation are not within the scope of quality warranty.
- Special sounds and vibrations may sometimes occur due to abnormal road conditions, and normal operation may also produce sounds and vibrations. At this time, both the quality and function of the vehicle are OK.

The following faults caused by external factors are not material or manufacturing defects, and are not covered by quality warranty.

1. Failures due to external problems such as soot, medicine, bird droppings, oil, acid rain, gravels, iron filings, ash fall and salt (for example: glass broken by flying stones during driving, carriage scratches, paint discoloration caused by bird droppings or acid rain during driving).
2. Faults caused by fires, accidents, and natural disasters such as earthquakes, strong winds, floods, fires and accidents.
3. Damage to components (such as power batteries) caused by wading or soaking in water is not covered by the quality warranty.
4. Other vehicle malfunctions caused by external factors.

In case of the following cases, we will not bear any expenses:

1. Some parts of the vehicle are also vulnerable parts, for example, friction plates, wiper blades, A/C filters, tires, bulbs, batteries, remote control batteries, fuses and general relays (excluding integrated control units), and the replacement and replenishment costs of grease.
2. Costs of overhauling and regular replacement of parts as stipulated by us. (excluding first maintenance items free of charge)
3. Repair costs outside the authorized service station of Chery NEV. During the warranty period, if repairs are made outside the authorized service station of Chery NEV, we will not bear the corresponding costs.
4. Expenses incurred for normal inspection and adjustment (lighting, four-wheel alignment inspection and adjustment, tire dynamic balance, etc.).
5. Expenses incurred for other non-product quality issues.



- Consumables and fluids are constantly consumed and deteriorated with routine driving; The costs of replacing or supplementing such products should be borne by users themselves.
- Consumption and deterioration will inevitably occur in the process of vehicle use; Therefore, it is necessary to conduct appropriate maintenance, routine inspections and regular maintenance on time according to the usage conditions.

Schedule 1: Other main assemblies or systems and their main components

Assembly or system	Main parts and components
Body	Body frame
	Subframe
	Girder, beam
	Front and rear door body
Steering system	Steering gear assembly
	Steering column, steering universal joint
	Steering gear tie rod (excluding ball head)
	Steering knuckle
Brake system	Brake master cylinder assembly
	Wheel cylinder
	Booster
	Brake pedal and its bracket
Suspension system	Coil spring
	Control arm, connecting rod (trailing arm, swing arm)
Front/rear axle	Reducer
	Drive shaft, axle shaft

Cases that are not included

During the validity period, in any of the following situations, Chery New Energy Automobile Co., Ltd. will not take any responsibility for the quality problems of the products involved:

- Consumption of parts and components due to natural wear and tear.
- Man-made vehicle failure or failures beyond the warranty period
- Consumers have been informed in writing that family car products contain defects that do not violate laws, regulations or mandatory national standards when purchasing.
- Damages caused by consumers failing to use, maintain, and service family car products in accordance with the instructions.
- It is clearly stated in the instructions that family car products shall not be modified, adjusted, or disassembled, but the consumer still modifies, adjusts, or disassembles the product, resulting in damages.
- Damages due to human-made vehicle failures or quality problems and improper handling by consumers
- Failures due to the failure to use original parts, oils and accessories or failures due to the use of supplies that are harmful to the car
- Family car products are used for rental or other operational purposes.
- Failures due to the user's failure to store and maintain the car in accordance with the instructions or due to environmental factors (such as smoke, pollution, corrosives, and rodents).
- Damage or failure due to force majeure such as natural disasters, fires, or traffic accidents, as well as damage or failure due to secondary damage caused by these factors.
- Malfunctions caused by driving with a method other than those specified for the product (racing or auto rally, etc.) or exceeding the scope of product technical specifications (for example: maximum allowable load, allowable tire pressure range).

10. Quality warranty

What should I do if I find there is a quality problem with my car?

The "problems" reported by users are important clues for authorities and automakers to determine the existence of any defects. Therefore, if you find that your car has problems that may affect safety, you should take the following measures:

1. You should go to the service station designated by the automaker for diagnosis and repair as soon as possible.
2. If the model is undergoing a recall, you should drive the car to a manufacturer-specified location as soon as possible, and the automaker will eliminate the defect free of charge for you, depending on the specifics of the problem.